L-force

Geared servo motors

Dynamic, powerful and compact



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Drive and automation technology from Lenze keep things moving – for example in the areas of materials handling, robotics and component handling as well as in packaging facilities for the intralogistics and automotive sectors and the food and beverage industries.

Lenze | about us

We can offer you automation solutions, including control, visualisation and drive technology, from a single source. Our drive systems will improve the performance of your machines. From project planning to commissioning, we have the know-how, while our international sales and service network can provide you with expert help and advice at any time.

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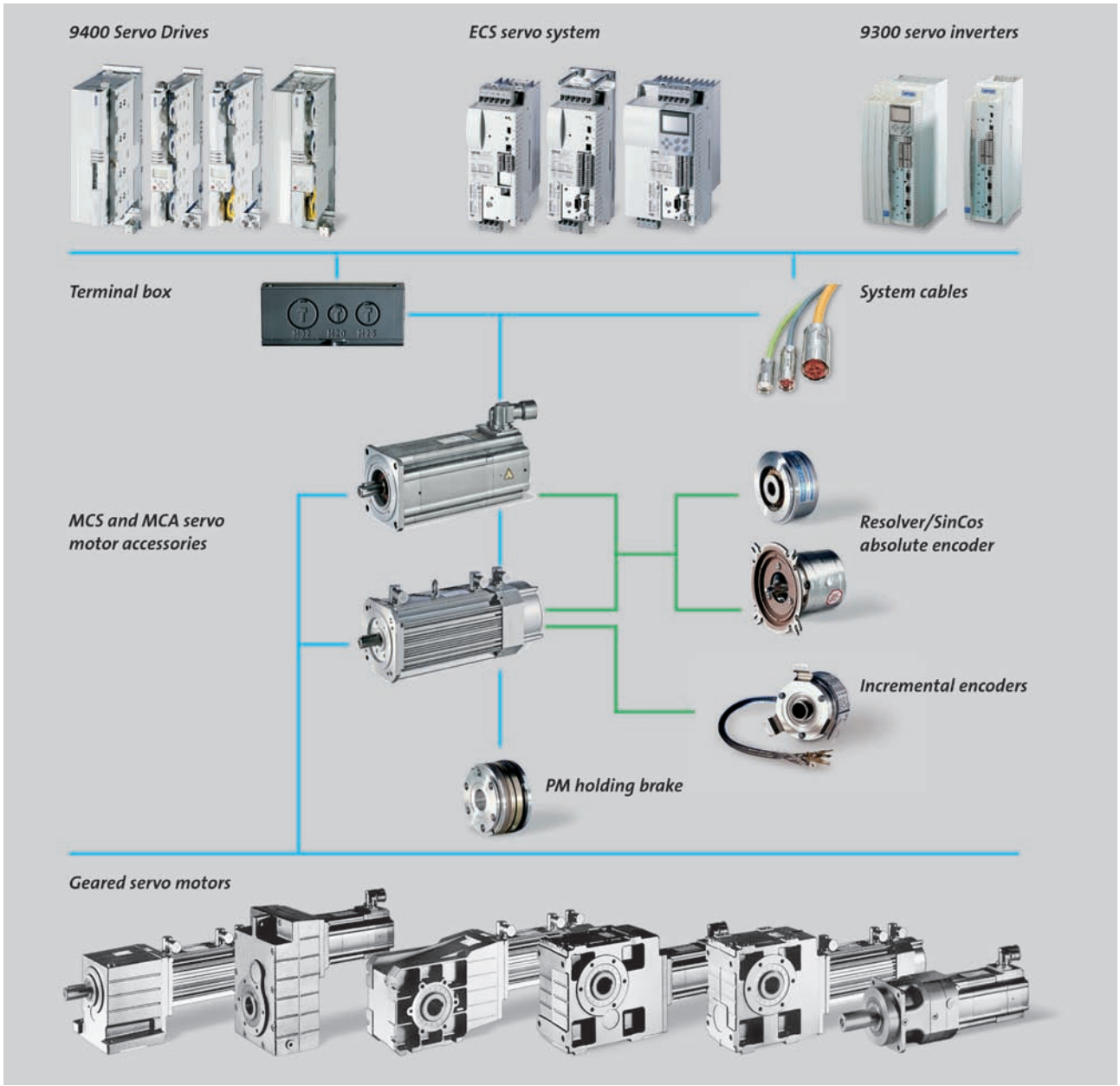






At your side all over the world – with thorough and professional support from our motivated team.

System overview | Geared servo motors



Further catalogues
This catalogue describes geared servo motors in the G-motion Servo MC series. Further components in the above system overview may be found in the following catalogues:

Components	Catalogue
9400 Servo Drives	▶ 9400 Servo Drives
ECS servo system	▶ ECS servo system
9300 servo inverter	▶ 9300 servo inverter
MCS/MCA servo motors and built-on accessories	▶ Servo motors

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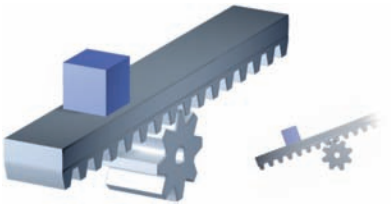
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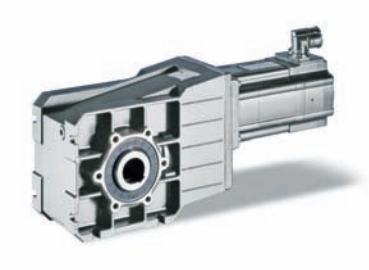
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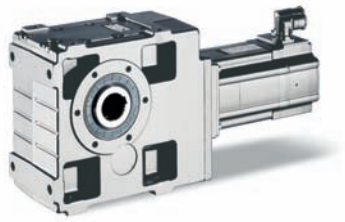
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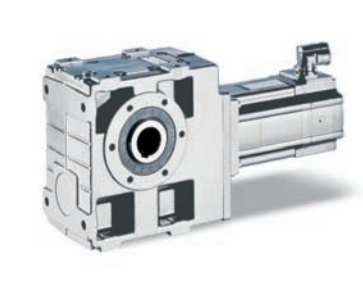
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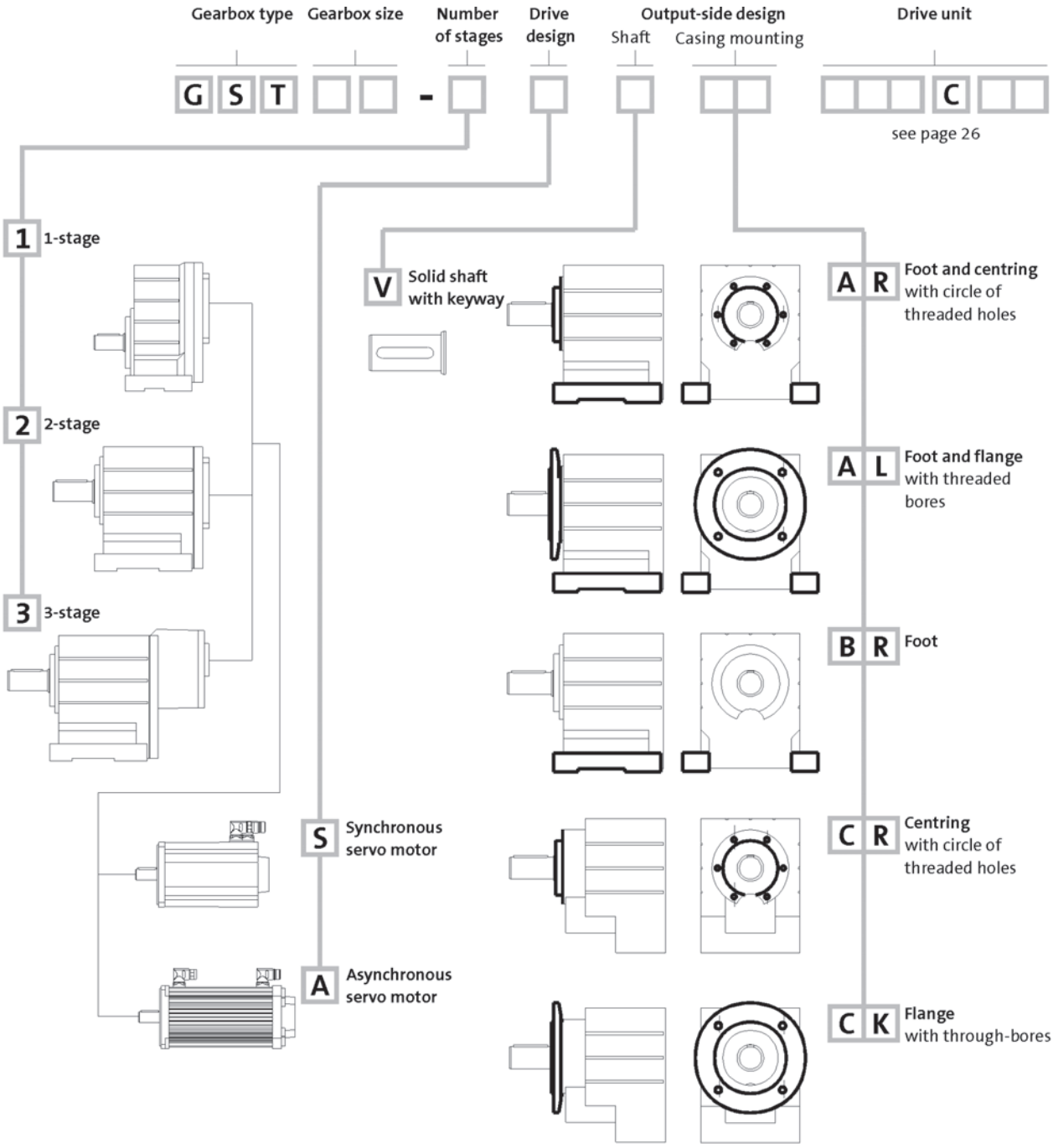
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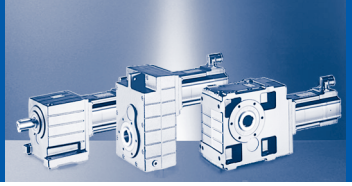
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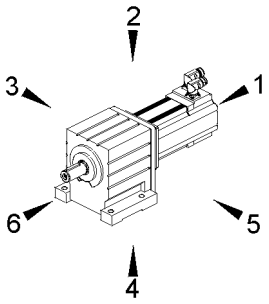
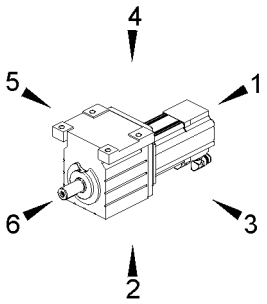
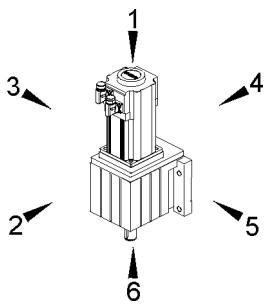
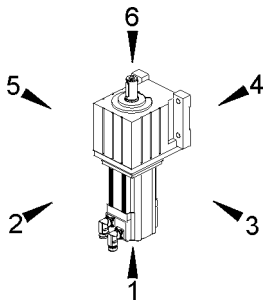
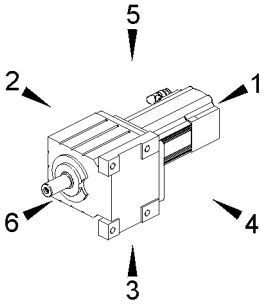
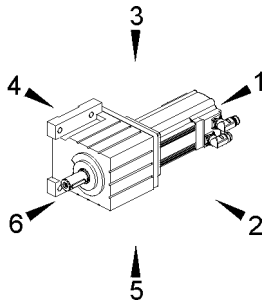
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	Output-side design		
	V	K	L
	d x l [mm]	Øa2 [mm]	Øa2 [mm]
GST03-2	14x28	120/140/160	
	20x40	120/140/160	
GST04-1	16x32	120/140/160	
GST04-2	20x40	120/140/160	120/140
GST05-1	20x40	120/140/160/200	
GST05-2/3	25x50	120/140/160/200	120/140/160
GST06-1	25x50	160/200	

	Output side design		
	V	K	L
	d x l [mm]	Øa2 [mm]	Øa2 [mm]
GST06-2/3	30x60	160/200	160/200
GST07-1	30x60	200/250	
GST07-2/3	40x80	200/250	200/250
GST09-1	40x80	250/300	
GST09-2/3	50x100	250/300	250/300
GST11-2/3	60x120	300/350	300/350
GST14-2/3	80x160	350/400	350/400

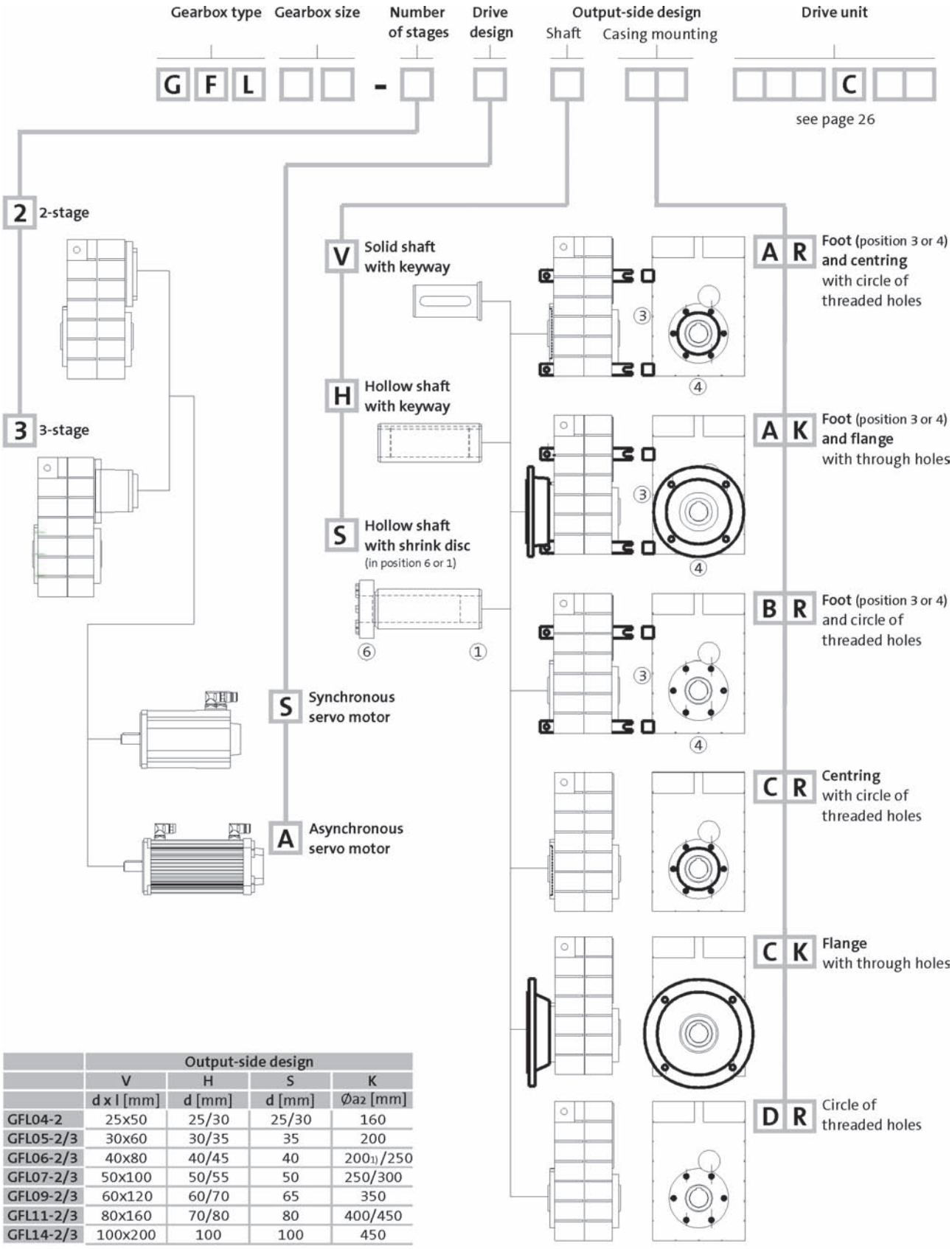


Mounting position (A...F) and position of the system blocks (1...6)		
A	B	C
		
D	E	F
		

Connector/terminal box: 2, 3, 4, 5

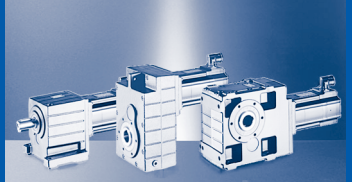
Basic versions	
Colour	Grey primer RAL 9005 (jet black matt) paint
Lubricant	Synthetic CLP HC 320
Ventilation	Oil control plugs for GST05 - 14 Breather elements for GST06...14
Options	
Colour	Special paint in accordance with RAL
Lubricant	CLP HC 220 USDA H1
Ventilation	Breather elements for GST05 Compensation reservoir for GST09...14 in mounting position C
Bearing	GST04 ... 09-2: Reinforced driven shaft
Shaft sealing rings	Driven shaft: Viton

Ordering details checklist	
Product key	GST...
Ratio	i = ...
Shaft diameter	d = ... [mm]
Flange diameter	a_2 = ... [mm]
Mounting position	A, B, C, D, E, F
Position of system blocks	Connector/terminal box: 2, 3, 4, 5
Colour	
Options	

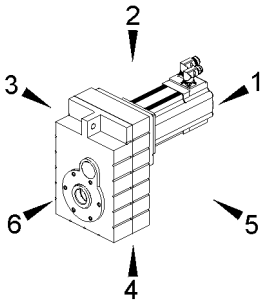
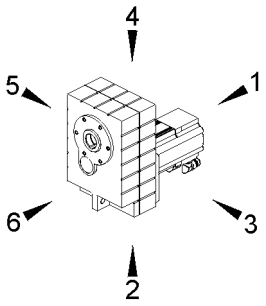
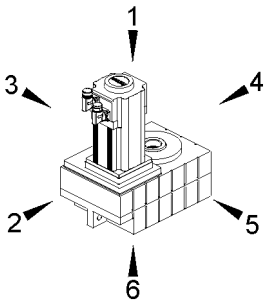
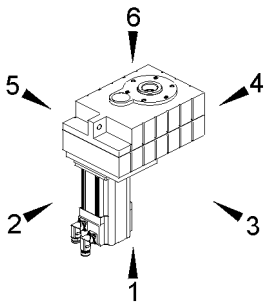
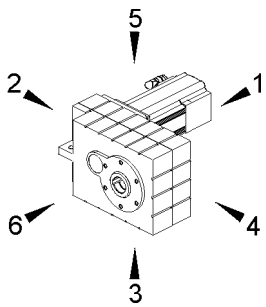
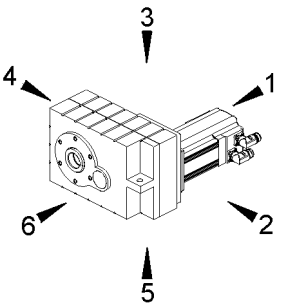


	Output-side design			
	V	H	S	K
	d x l [mm]	d [mm]	d [mm]	Øa_2 [mm]
GFL04-2	25x50	25/30	25/30	160
GFL05-2/3	30x60	30/35	35	200
GFL06-2/3	40x80	40/45	40	200[1]/250
GFL07-2/3	50x100	50/55	50	250/300
GFL09-2/3	60x120	60/70	65	350
GFL11-2/3	80x160	70/80	80	400/450
GFL14-2/3	100x200	100	100	450

[1] Only with output-side design H and S



Mounting position (A...F) and position of the system blocks (1...6)

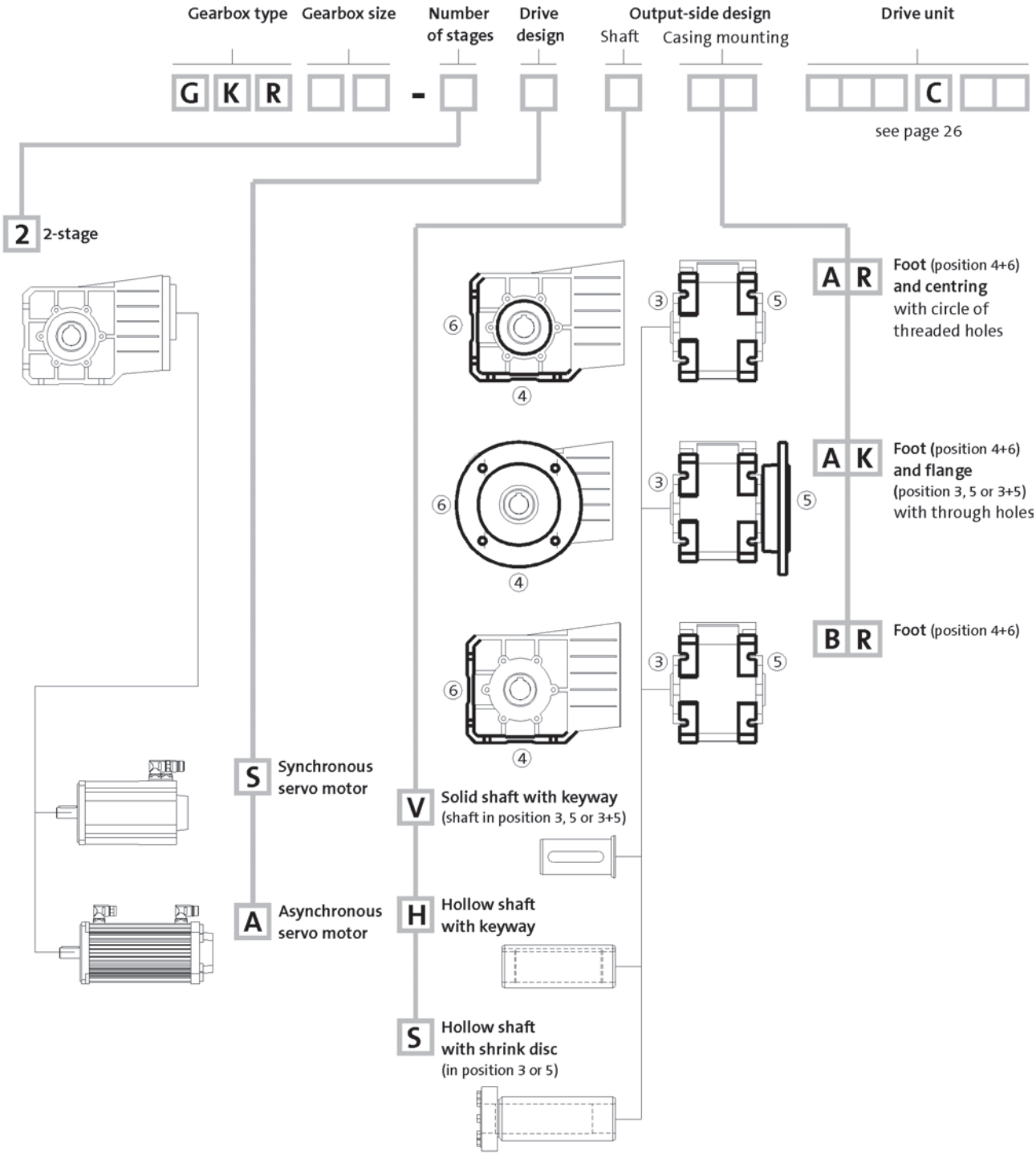
A	B	C
		
D	**E**	**F**
		

Solid shaft: 6
Hollow shaft: 0
Hollow shaft with shrink disc: 1, 6

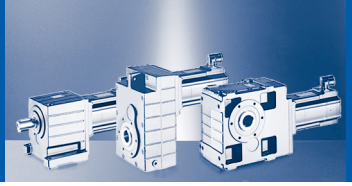
Without foot: 0
Foot: 3, 4
Connector/terminal box: 2, 3, 4, 5

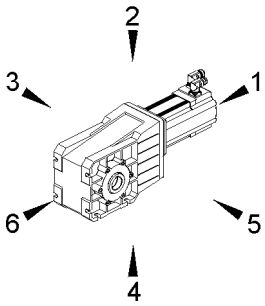
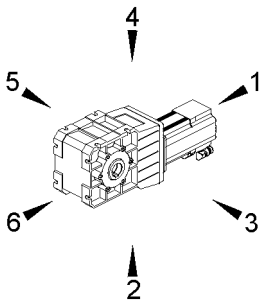
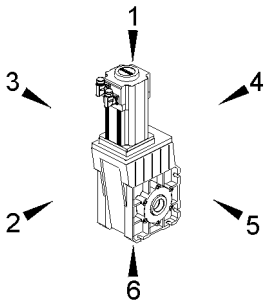
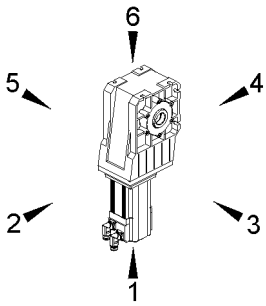
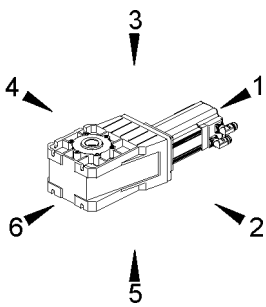
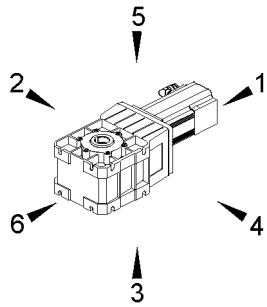
Basic versions	
Colour	Grey primer RAL 9005 (jet black matt) paint
Lubricant	Synthetic CLP HC 320
Ventilation	Oil control plugs for GFL05 - 14 Breather elements for GFL06...14
Options	
Colour	Special paint in accordance with RAL
Lubricant	CLP HC 220 USDA H1
Ventilation	Breather elements for GFL05 Compensation reservoir for GFL09...14 in mounting position C
Shaft sealing rings	Driven shaft: Viton
Accessories	Rubber buffer for torque plate Cover shrink disc Hollow shaft circlip assembly kit

Ordering details checklist	
Product key	GFL...
Ratio	i = ...
Shaft diameter	d = ... [mm]
Flange diameter	a_2 = ... [mm]
Mounting position	A, B, C, D, E, F
Position of system blocks	Shaft: 0, 1, 6 Foot: 0, 3, 4 Connector/terminal box: 2, 3, 4, 5
Colour	
Options	



	Output-side design			
	V	H	S	K
	d x l [mm]	d [mm]	d [mm]	Øa2 [mm]
GKR03-2	20x40	18/20	20	110/120
GKR04-2	20x40	20/25	20	120/160
GKR05-2	30x60	30/35	30/35	160/200
GKR06-2	35x70	40/45	40	200/250



Mounting position (A...F) and position of the system blocks (1...6)		
A	B	C
		
D	E	F
		

Solid shaft: 3, 5, 8 (3+5)
Hollow shaft: 0
Hollow shaft with shrink disc: 3, 5

Without flange: 0
Flange: 3, 5, 8 (3+5)
Connector/terminal box: 2, 3, 4, 5

Basic versions	
Colour	Grey primer RAL 9005 (jet black matt) paint
Lubricant	Synthetic CLP HC 320
Ventilation	Breather elements for GKR06
Options	
Colour	Special paint in accordance with RAL
Lubricant	CLP HC 220 USDA H1
Shaft sealing rings	Driven shaft: Viton
Accessories	Rubber buffer for torque plate (GKR03/04 only) Threaded hole circle torque plate Torque plate for casing foot (GKR05/06 only) 2nd output shaft end Cover shrink disc Hoseproof hollow shaft cover Hollow shaft circlip assembly kit

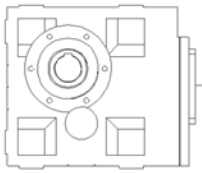
Ordering details checklist	
Product key	GKR...
Ratio	i = ...
Shaft diameter	d = ... [mm]
Flange diameter	a_2 = ... [mm]
Mounting position	A, B, C, D, E, F
Position of system blocks	Shaft: 3, 5, 8 Flange: 0, 3, 5, 8 Connector/terminal box: 2, 3, 4, 5
Colour	
Options	

Gearbox type | Gearbox size | Number of stages | Drive design | Output-side design: Shaft | Output-side design: Casing mounting | Drive unit

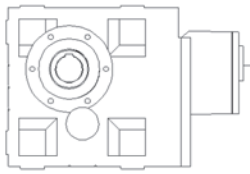
G K S □ □ - □ □ □ □ □ C □ □

see page 26

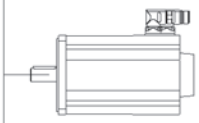
3 3-stufig



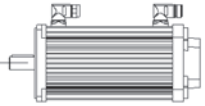
4 4-stage

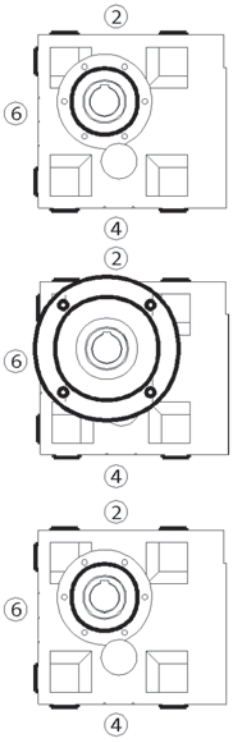


S Synchronous servo motor



A Asynchronous servo motor





V Solid shaft with keyway
(shaft in position 3, 5 or 3+5)



H Hollow shaft with keyway



S Hollow shaft with shrink disc
(in position 3 or 5)



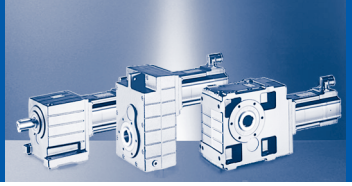
A R Foot (position 2+4+6) and centring with circle of threaded holes

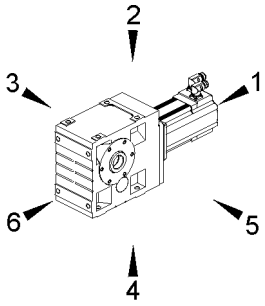
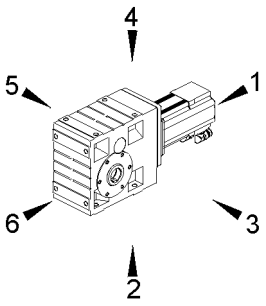
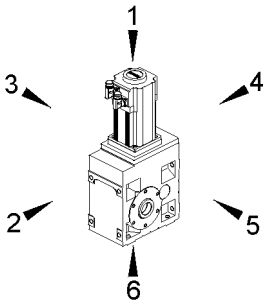
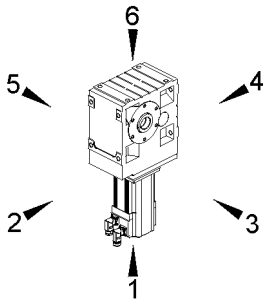
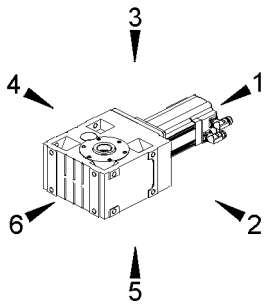
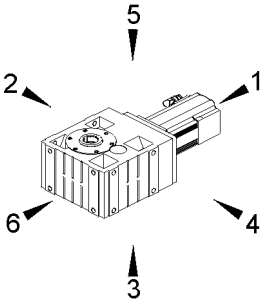
A K Foot (position 2+4+6) and flange (position 3, 5 or 3+5) with through holes

B R Foot (position 2+4+6)

	Output-side design			
	V	H	S	K
	d x l [mm]	d [mm]	d [mm]	Øa_2 [mm]
GKS04-3	25x50	25/30	25/30	160
GKS05-3/4	30x60	30/35	35	200
GKS06-3/4	40x80	40/45	40	200[1]/250
GKS07-3/4	50x100	50/55	50	250/300
GKS09-3/4	60x120	60/70	65	350
GKS11-3/4	80x160	70/80	80	400/450
GKS14-3/4	100x200	100	100	450

[1] Only with output-side design H and S



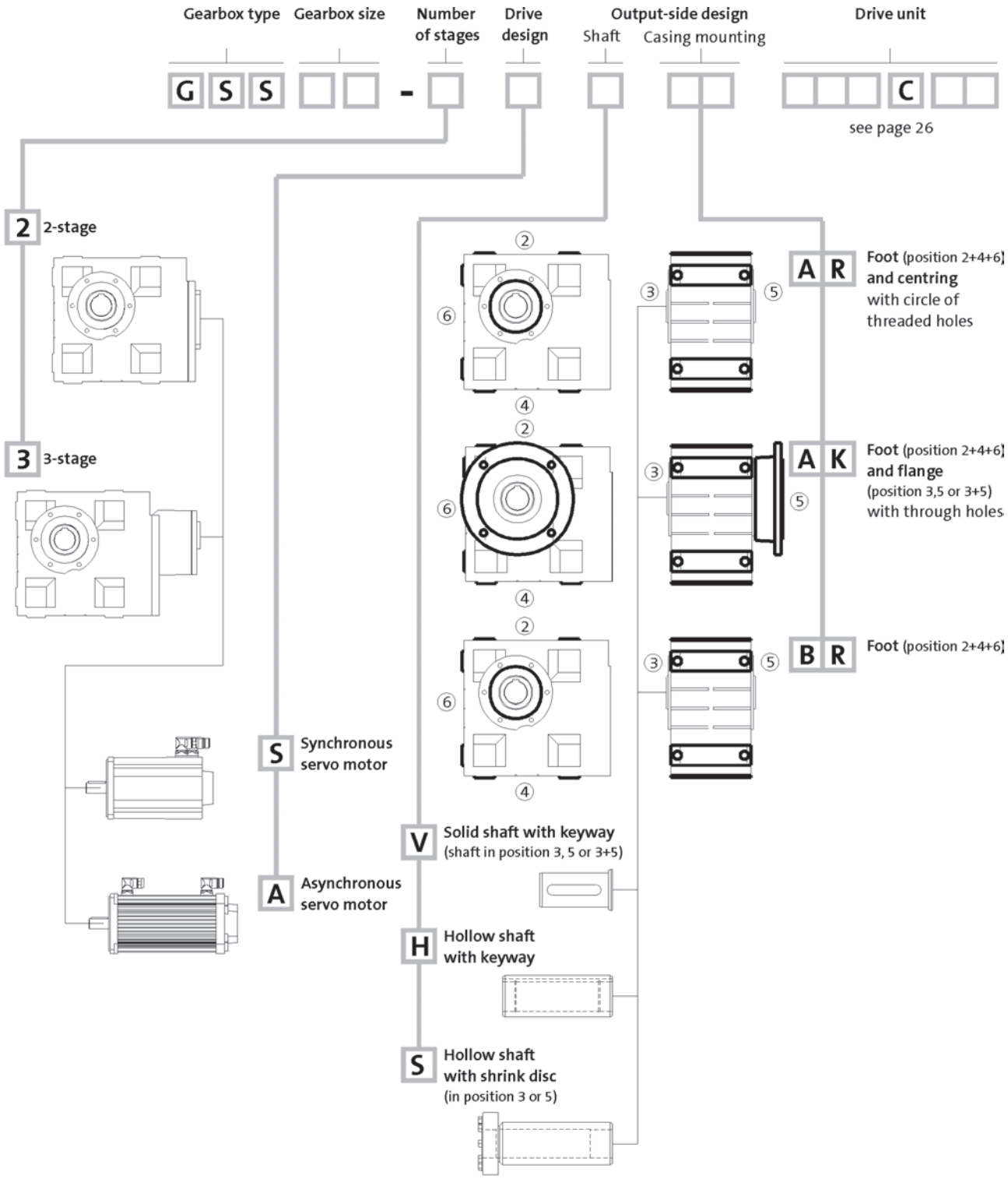
Mounting position (A...F) and position of the system blocks (1...6)		
A	B	C
		
D	E	F
		

Solid shaft: 3, 5, 8 (3+5)
Hollow shaft: 0
Hollow shaft with shrink disc: 3, 5

Without flange: 0
Flange: 3, 5, 8 (3+5)
Connector/terminal box: 2, 3, 4, 5

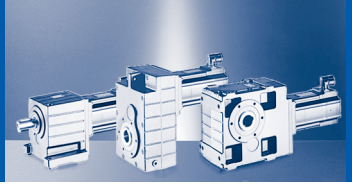
Basic versions	
Colour	Grey primer RAL 9005 (jet black matt) paint
Lubricant	Synthetic CLP HC 320
Ventilation	Oil control plugs for GKS05 - 14 Breather elements for GKS06...14
Options	
Colour	Special paint in accordance with RAL
Lubricant	CLP HC 220 USDA H1
Ventilation	Breather elements for GKS05 Compensation reservoir for GKS09...14 in mounting position C
Shaft sealing rings	Driven shaft: Viton
Accessories	Threaded hole circle torque plate Casing foot torque plate 2nd output shaft end Cover shrink disc Hoseproof hollow shaft cover Hollow shaft circlip assembly kit

Ordering details checklist	
Product key	GKS...
Ratio	i = ...
Shaft diameter	d = ... [mm]
Flange diameter	a_2 = ... [mm]
Mounting position	A, B, C, D, E, F
Position of system blocks	Shaft: 3, 5, 8 Flange: 0, 3, 5, 8 Connector/terminal box: 2, 3, 4, 5
Colour	
Options	

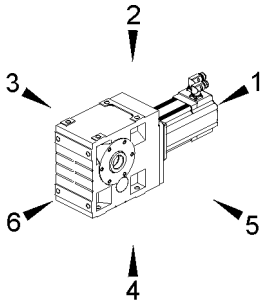
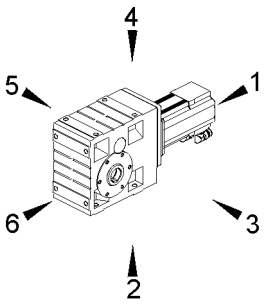
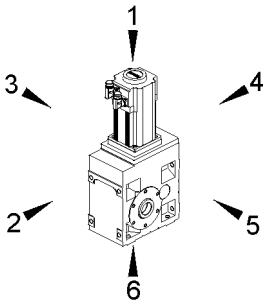
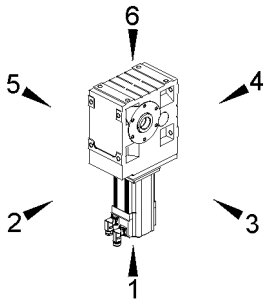
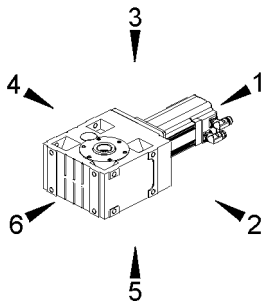
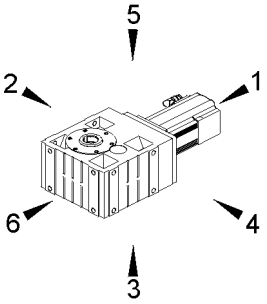


	Output-side design			
	V	H	S	K
	d x l [mm]	d [mm]	d [mm]	Øa2 [mm]
GSS04-2	25x50	25/30	25/30	160
GSS05-2/3	30x60	30/35	35	200
GSS06-2/3	40x80	40/45	40	200[1]/250
GSS07-2/3	50x100	50/55	50	250/300

1) Only with output-side design H and S



Mounting position (A...F) and position of the system blocks (1...6)

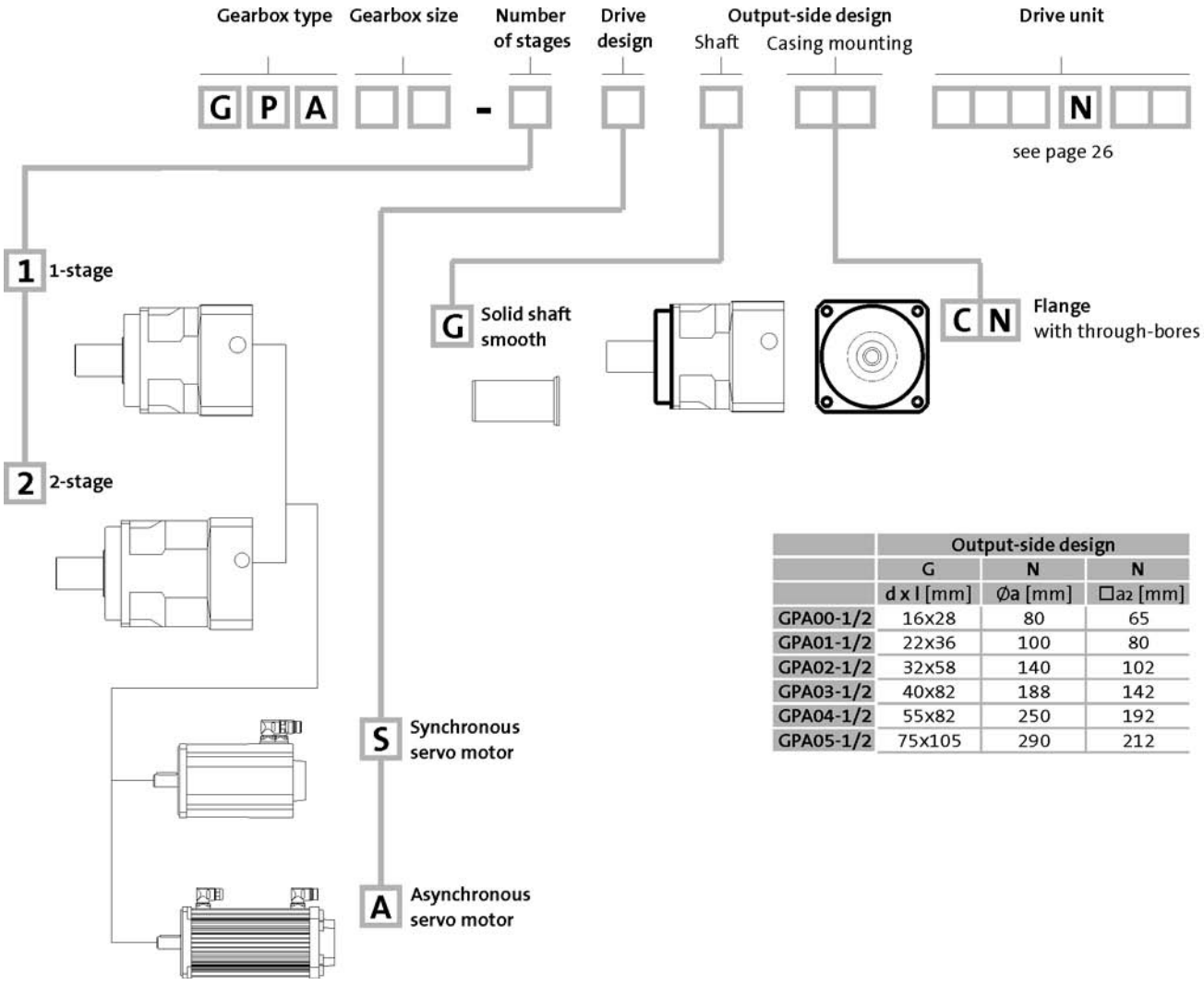
A	B	C
		
D	**E**	**F**
		

Solid shaft: 3, 5, 8 (3+5)
Hollow shaft: 0
Hollow shaft with shrink disc: 3, 5

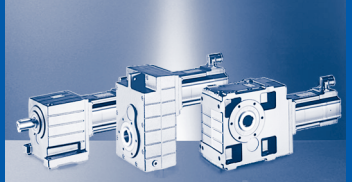
Without flange: 0
Flange: 3, 5, 8 (3+5)
Connector/terminal box: 2, 3, 4, 5

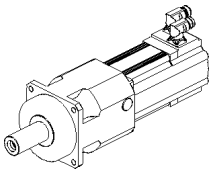
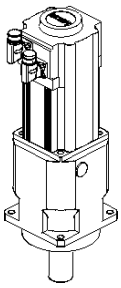
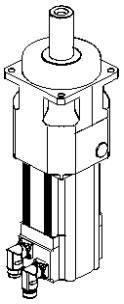
Basic versions	
Colour	Grey primer RAL 9005 (jet black matt) paint
Lubricant	Synthetic CLP PG 460
Ventilation	Breather elements for GSS05...07 Oil control plugs for GSS05 - 07
Options	
Colour	Special paint in accordance with RAL
Lubricant	CLP HC 220 USDA H1
Shaft sealing rings	Driven shaft: Viton
Accessories	Threaded hole circle torque plate Casing foot torque plate 2nd output shaft end Cover shrink disc Hoseproof hollow shaft cover Hollow shaft circlip assembly kit

Ordering details checklist	
Product key	GSS...
Ratio	i = ...
Shaft diameter	d = ... [mm]
Flange diameter	a_2 = ... [mm]
Mounting position	A, B, C, D, E, F
Position of system blocks	Shaft: 3, 5, 8 Flange: 0, 3, 5, 8 Connector/terminal box: 2, 3, 4, 5
Colour	
Options	



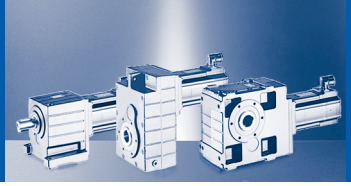
	Output-side design		
	G	N	N
	d x l [mm]	Øa [mm]	□a_2 [mm]
GPA00-1/2	16x28	80	65
GPA01-1/2	22x36	100	80
GPA02-1/2	32x58	140	102
GPA03-1/2	40x82	188	142
GPA04-1/2	55x82	250	192
GPA05-1/2	75x105	290	212



Mounting position (A...D)		
A	C	D
		

Basic versions	
Colour	RAL 9005 (jet black matt) paint
Lubricant	Synthetic CLP PAO 150

Ordering details checklist	
Product key	GPA...
Mounting position	A, C, D



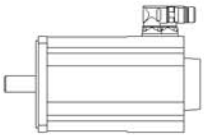
Drive version | Drive unit

Motor type | Motor size | Rated speed | Mains voltage | Speed/angle sensor | Brake

MCS — Synchronous servo motor

(Example: 14L)

value in 100 rpm (example: 2000 = 20)



Mains voltage	
400 V	-
230 V	L

Speed/angle sensor	
RS0	Resolver p=1
SRS	Sin-cos absolute encoder single turn, Hiperface, SRS50
SRM	Sin-cos absolute encoder multi-turn, Hiperface, SRM50
ECN	Sin-cos absolute encoder multi- turn, EnDat, EN1313
EQN	Sin-cos absolute encoder multi- turn, EnDat, EQN1325
EQI	Sin-cos absolute encoder multi- turn, EnDat, EQI329
C40	TTL incremental encoder with communications signal, Renco R35i

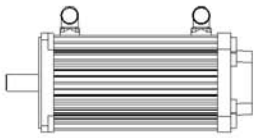
Brake	
B0	No brake
P1	PM brake DC 24V
P2	PM brake DC 24V, heavy-duty

Motor type | Motor size | Rated speed | Mains voltage | Speed/angle sensor | Brake

MCA — Asynchronous servo motor

(Example: 14L)

value in 100 rpm (example: 2000 = 20)



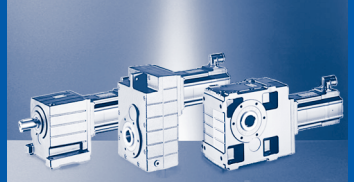
Mains voltage	
400 V	-

Speed/angle sensor	
RS0	Resolver p =1
SRS	Sin-cos absolute encoder single turn, Hiperface, SRS50
SRM	Sin-cos absolute encoder multi-turn, Hiperface, SRM50
ECN	Sin-cos absolute encoder multi- turn, EnDat, En1313
EQN	Sin-cos absolute encoder multi- turn, EnDat, EQN1325
EQI	Sin-cos absolute encoder multi- turn, EnDat, EQI329
S20	Incremental sin-cos encoder Is2048, ITD 22
T20	TTL incremental encoder, 2048, ITD 21
CDD	TTL incremental encoder, 2048, CDD 50

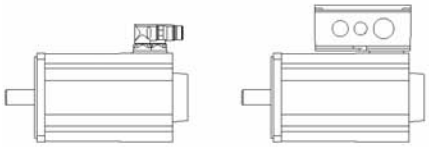
Brake	
B0	No brake
P1	PM brake DC 24V
P2	PM brake DC 24V, heavy-duty
P5	PM brake DC 205 V 1)
P6	PM brake DC 24V, heavy-duty 1)

1) Not possible for UL design.

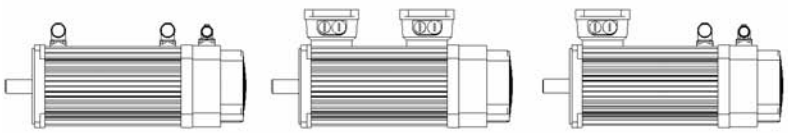
Brake assignment		
Gearbox type	Motor	Brake
GPA	MCA10...21	P1 / P5
GST/GFL	MCA10...14	P2 / P6
GKS/GKR/GSS	MCA17...21	P1 / P5



•••	Electrical connection	Degree of protection	Cooling
	S T Separate round plugs for power+brake, encoder+temperature encoder	5 IP54	S 0 0 Natural ventilation, no fan
	K K Terminal box for power+brake+encoder+temperature encoder	6 IP65	



•••	Electrical connection	Degree of protection	Cooling
	S T Separate round plugs for power+brake, encoder+temperature encoder, blower	5 IP 54	S 0 0 Natural ventilation, no fan
	K K Separate terminal boxes for power+brake, encoder+temperature encoder+blower	6 IP 65 2)	F 1 0 Forced ventilation with blower
	K S Terminal box for power+brake separate round plugs for encoder+temperature encoder, blower		



2) Not possible with blower.

Innovative geared motors combined with powerful drive electronics to meet the highest standards in terms of dynamics, positioning accuracy and robustness:
the G-motion servo.



Featuring a wide variety of geared motors in the following variants:

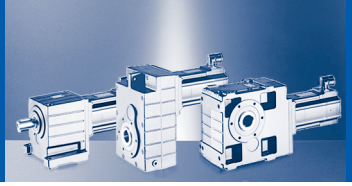
- Helical gearboxes
- Shaft-mounted helical gearboxes
- Bevel gearboxes
- Helical-bevel gearboxes
- Helical-worm gearboxes
- Servo-planetary gearboxes

Lenze offers high levels of functionality while complying with many industrial standards. Closely stepped output speeds allow you to make the perfect choice for your drive task.
Lenze geared servo motors are available in a power range from 0.25...20.3 kW.

Together with the Lenze servo controllers, these geared motors offer a perfect drive combination with high dynamic performance.

- Power range of the synchronous servo motors:
  0.25...10 kW
- Power range of the asynchronous servo motors:
  0.8...20.3 kW





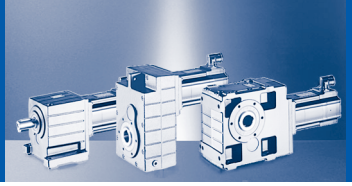
Designations used in the catalogue:

□	Wildcard
α	Angle of action of radial force
φ	Ratio step
η [%]	Mechanical efficiency
η_A [%]	Mechanical start-up efficiency of gearbox
$\eta_{c=1}$ [%]	Mechanical efficiency of gearbox with gearbox loading c = 1
η_G [%]	Mechanical efficiency of gearbox
ϑ [°C]	Temperature
AC	Alternating current/voltage
BD [h]	Operating time
c	Load capacity of geared motors
DC	Direct current/voltage
ED	Duty time
f_α	Effective direction factor at output shaft
f_N [Hz]	Rated frequency
f_w	Additional load factor at output shaft
f_z	Additional radial force factor of transmission element
Fa [N]	Applied axial force
Fa_{Tab} [N]	Table value of axial force
Fa_{zul} [N]	Permissible axial force
Fr [N]	Applied radial force
Fr_{Tab} [N]	Table value of radial force
Fr_{zul} [N]	Permissible radial force
H [m]	Site altitude above mean sea level
i	Ratio
i_g	Precise ratio
I_B [A]	Rated brake current
I_{max} [A]	Maximum current
I_M [A]	Rated motor current
I_0 [A]	Continuous standstill current
J_B [kgcm²]	Moment of inertia of the brake
J_G [kgcm²]	Moment of inertia of the gearbox reduced to the motor shaft
J_L [kgcm²]	Moment of inertia of load at output shaft
J_M [kgcm²]	Moment of inertia of the motor
k	Application factor (following DIN 3990)
k_I	Intensity of gearbox load capacity
k_J	Load-matching factor
k_L	Overload factor
k_{n1}	Speed correction factor for ambient temperature
k_{n2}	Speed correction factor for mounting position
k_{n3}	Speed correction factor for duty time/average speed
k_m	Speed correction factor for average speed
KE_{LL} [V / 1000 r/min]	Voltage constant (phase-to-phase)
Kt_0 [Nm/A]	Torque constant at standstill
$L_{1\sigma}$ [mH]	Stator leakage inductance
$L_{2\sigma'}$ [mH]	Rotor leakage inductance (referred to stator)
L_h [mH]	Mutual inductance
L_{St} [mH]	Winding inductance per phase
m [kg]	Mass
M_B [Nm]	Brake holding torque
M_{eff} [Nm]	Effective torque
M_L [Nm]	Load torque
$M_{L,max}$ [Nm]	Maximum load torque
$M_{L,z}$ [Nm]	Stationary load torque per time segment
M_{max} [Nm]	Maximum torque
M_N [Nm]	Rated torque
$M_{S,z}$ [Nm]	Acceleration torque
$M_{S,eff}$ [Nm]	Effective torque at the motor
M_z [Nm]	Output torque per time segment
$M_{P,max}$ [Nm]	Maximum torque of profile
M_0 [Nm]	Continuous standstill torque
M_1 [Nm]	Input torque
M_2 [Nm]	Output torque
$M_{2,max}$ [Nm]	Maximum output torque
$M_{2,GN}$ [Nm]	Rated gearbox torque at the output at c=1 and n_1 = 1400 r/min
N	Start-ups
$n_{L,z}$ [r/min]	Load speed per time segment
$\Delta n_{L,z}$ [r/min]	Load speed difference per time segment
n_{max} [r/min]	Maximum speed
n_N [r/min]	Rated speed
n_m [r/min]	Mean speed
n_1 [r/min]	Input speed
$n_{1,max}$ [r/min]	Maximum input speed
n_2 [r/min]	Output speed
$n_{2,Eck}$ [r/min]	Output speed at rated motor speed

Designations used in the catalogue:

$n_{2,th}$ [r/min]	Thermal limit speed at output
P_N [kW]	Rated power
R_1 [Ω]	Winding resistance per phase
$R_{2'}$ [Ω]	Rotor resistance (referred to stator)
R_{UV} [Ω]	Winding resistance between 2 terminals
T [s]	Load cycle duration
t_L [%]	Runtime at maximum torque
T_U [°C]	Ambient operating temperature
Δt_z [s]	Individual time segments
U_B [V]	Rated brake voltage
U_N [V]	Rated voltage
z_g	Multiplied numbers of teeth (driven gears)
z_t	Multiplied numbers of teeth (driving gears)

IM	International Mounting Code
IP	International Protection Code
CE	Communauté Européenne
CSA	Canadian Standards Association
DIN	Deutsches Institut für Normung
EMV	Electromagnetic compatibility
EN	European standard
IEC	International Electrotechnical Commission
NEMA	National Electrical Manufacturers Association
UL	Underwriters Laboratory
UR	Underwriters Laboratory recognized component
VDE	Verband deutscher Elektrotechniker



General information about the data provided in this catalogue

Power ratings, torques and speeds
The power ratings, torques and speeds specified in the catalogue are rounded values and apply for

- Daily running timed of 8h, 240 days a year
- Ambient temperature up to 30°C
- Operating time 5.5 hrs a day
- Average speed utilisation in relation to the load speed of the geared motor: 80%
- Site altitude up to 1000 m above mean sea level.
- Mounting positions and designs listed in the catalogue (selection table relates to mounting position A).
- Standard lubricant.

Under different operating conditions, the values obtained may vary from those listed here.
In the case of extreme operating conditions, please contact your Lenze sales office.

Load capacity c of the gearboxes
Characteristic value for the load capacity of Lenze geared motors.

- **c** is the ratio of the permissible rated torque of the gearbox to the rated torque supplied by the drive component (e.g. the internal Lenze motor).
- **c** must always be greater than the application factor k determined for the application.

Application factor k (in accordance with DIN 3990)
Takes into account the influence of temporally variable loads which are actually present during the anticipated runtime of geared motors.
k depends on

- The type of load
- The intensity of the load
- Temporary factors

We aim to process your order quickly and accurately. Therefore, please ensure that your order details are complete.

In order to receive the correct products in good time, please provide the following information:

- Your address and order data
- Our product keys for the individual products in this catalogue
- Your delivery details, such as delivery date and delivery address

Ordering procedure

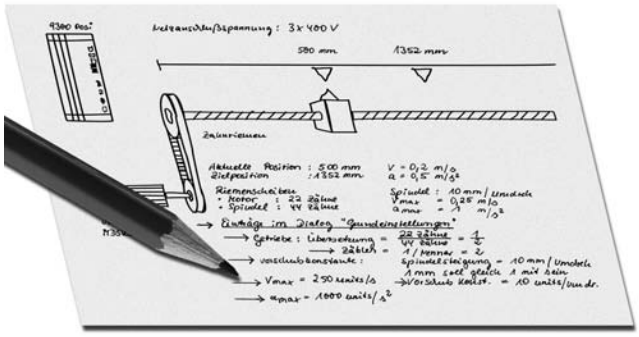
Use the ordering details checklist to ensure that you provide all the necessary information for each product.

You can find the ordering details checklist, product key, basic designs, options, mounting position and system block positions in the chapter General information - Product key.

A list of Lenze sales offices can be found at the end of this catalogue.



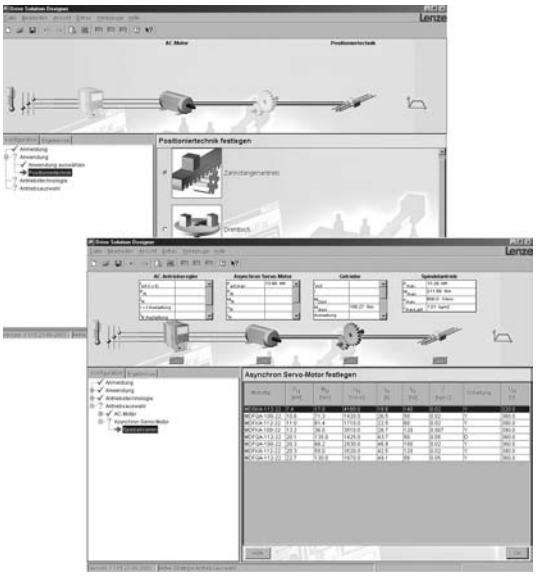
Lenze wants to assist you in optimising your project planning processes. Drive selection and dimensioning is the foundation of all plant planning. This project planning manual for Lenze geared servo motors will guide you from the initial torque and speed input variables right through to a functional and efficient drive train. Your local Lenze sales office will assist you in drive dimensioning.
Please consult us.



From the rough outline to the finished drive solution

After gathering information about the mechanical parameters and the motion profile, sales staff use the "Drive Solution Designer" to complete drive dimensioning and optimisation in next to no time.
The original application data and the results from the Drive Solution Designer are summarised in a document in a structured manner. The graphical analysis provides clear, comprehensive information about the drive load and configuration. The hardware required by the solution is documented; this simplifies the ordering process and means that the complete solution can be supplied quickly.







This section describes the dimensioning of drives with geared servo motors.

The aim of dimensioning
is to select the right geared servo motor for a given application, ensuring that the requirements for the specific application are reliably met. The operating conditions concerned are taken into consideration in this process:

- Ambient temperature
- Mounting position
- Load cycle

For the sake of simplicity, the dimensioning given is for standard operating modes and for general load cycles:

- Constant load, operating mode **S1** *
- Short-time operation **S2**
- Intermittent operation **S3**
- Continuous operation **S6** *
- Load profiles for an **application-specific load cycle**

* For maximum life expectancy, Lenze recommends the use of motors with a low rated speed for operating modes S1 and S6.

Dimensioning involves 3 elements:

- **Satisfying the drive function** - Can the required speeds, torques, accelerations be achieved with the chosen drive?
- **Mechanical strength** - Can the drive transmit the torques and forces that occurr?
- **Thermal dimensioning** - Does the operating temperature remain within the permissible limits, preventing premature ageing?

Drive function
The process values required are used to select a drive for which all working points lie within the speed/torque characteristic curves. This results in the selection of a gearbox of the correct ratio with a motor of the correct speed and an inverter with the correct maximum current. Other limits (maximum speed, site altitude) are shown in tables.

Mechanical strength
The forces and torques arising together with the application factor and the gearbox torque are used to select a drive with adequate mechanical strength (endurance strength of the gearing for periodically occurring torques and endurance limit for sporadically occurring torques).



Thermal dimensioning
For the **inverter**, thermal dimensioning uses the continuous inverter current or the continuous torque achievable by the motor-inverter combination.

For the **motor**, thermal dimensioning uses the average speed and the effective torque.

For the **gearbox**, thermal dimensioning uses the average speed and the continuous torque of the motor-gearbox combination. The thermal limit speed specified is intended as a recommendation. The average speed of the drive should not exceed the specified values.

Dimensioning in three steps
The dimensioning of geared servo motors can be divided into three steps, which are listed separately for each of the operating modes referred to above (S1, S2, S3, S6, profile):

Determination of input variables, including:
- Load torque, load speed, acceleration (for speed profiles, several working points with times)
- Maximum torque
- Mounting position
- Power loading
- Method of torque transmission

Calculation of values required for the process, including:
- Overall torques from load torque and acceleration
- Maximum load torque
- Effective torque
- Average speed
- Maximum speed

Selection of the geared servo motor and checking the selection for fulfilment of required values, including:
- Calculation of overall torque on the motor end (effective torque, maximum torque)
- Thermal checking of the motor by reference to effective torque and average speed
- Thermal checking of the gearbox by reference to average speed and effective torque
- Checking of maximum gearbox torque by reference to periodically occurring torques and sporadically occurring maximum torques
- Checking of the motor-inverter combination by reference to maximum torques
- Checking of load adjustment
- Checking of axial and radial force on the gearbox

To obtain a **reliable drive**, **particular attention** must be given to selecting and checking it. The various elements involved in dimensioning and checking are described in more detail below. Special emphasis is placed on **compliance with the limits of the geared servo motor drive** (functional limits, thermal limits, mechanical limits).



Dimensioning of geared servo motors for kinematic profiles, operating modes S1, S2, S3, S6 and speed profiles

Suitable for simple linear speed profiles, not for S-curves or similar. For complex or full-load dimensioning, please contact your local Lenze subsidiary.

Standard operating conditions:

- Single shift operation, 8 hours a day, 240 days a year
- Ambient temperature up to 30 °C
- Operating time 5.5 hours a day
- Average speed utilisation in relation to the load speed of the geared motor 80%
- Mounting position A
- Site altitude up to 1000 m amsl

Included

- Rated mains voltage AC 400 V, 3-phase
- Ambient temperature
- Site altitude
- Dimensioning with 9400, 9300 and ECS speed-torque characteristic curves for mains voltages of 400 V, 3-phase
- Process requirement
- Preselection of motor
- Load capacity of gearbox
- Intended transmission ratio
- Maximum permissible gearbox input speed
- Axial and radial load on gearbox output shaft
- Overall reduced moment of inertia
- Load adjustment to moments of inertia

Not included

- Correct consideration of efficiency in motor mode/generator mode
- Accessories such as brake choppers, brake resistors, feedback systems, mains filters
- Current derating on 9300 servo at low speeds
- Special ambient conditions such as special power system characteristics, high temperatures/site altitudes, contamination, outdoor use, explosion protection
- Maximum standstill current
- Setting the controller inhibit to reduce the heat load on the drive



The operating mode is important when selecting a motor. For example, the temperature rise on a motor subject to short-term load will be lower than that on a motor subject to long-term load. EN 60034 defines operating modes S1 to S8.

Continuous operation S1
The operating time at rated power is long enough for the machine to reach steady-state temperature. The motor operates continuously at rated power.

Short-time operation S2
In comparison with the subsequent pause, the operating time is too short for the machine to reach steady-state temperature. During the subsequent lengthy pause, the motor cools down to the initial temperature.

Intermittent operation S3, S4, S5
Cycles of the same type combine to form a sequence. The cycle time is usually 10 minutes.

- S3: The starting current is not significant for the temperature rise in the motor
- S4: The starting current contributes to the temperature rise in the motor
- S5: Starting current and braking current contribute to the temperature rise in the motor

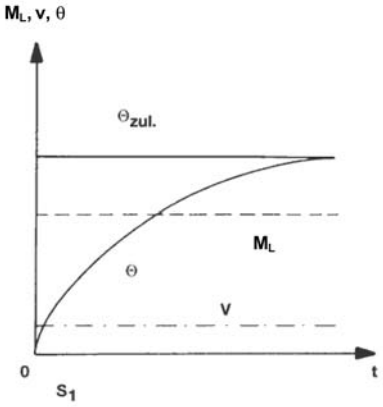
Continuous operation with intermittent loading S6
The motor continues to be ventilated during the no-load phases, enabling it to cool down.

Uninterrupted operation with acceleration and braking S7
The motor runs almost without break.

Uninterrupted operation S8 with pole changing
The machine runs constantly under load but with frequent speed variation.

Dimensioning of geared servo motors for operating mode S1 (EN 60034)

The drive is constantly loaded in operating mode S1, there may be a change of direction of rotation or an alternating load.
Precondition: constant power loss, neglect of start-up process (constant temperature rise)



Required input variables			
Operating time/day	BD =		[h]
Average speed utilisation of the geared motor related to the speed under load n_L			[%]
Ambient temperature	T_u =		[°C]
Site altitude above mean sea level	H =		[m]
Radial force	Fr =		[N]
Axial force	Fa =		[N]
Transmission element at gearbox (gear wheels, sprockets...)			
Pitch circle diameter of the transmission element	d_w =		[mm]
Load torque	M_L =		[Nm]
Load speed	n_L =		[r/min]
Momentary maximum torque (emergency off, quick stop, occasional high starting duty)	$M_{L,max}$ =		[Nm]
Runtime at maximum torque	t_L =		[%]

Determine gearbox design and servo motor design	
Gearbox type (GST, GFL, GKR, GKS, GSS, GPA)	
Mounting position (A, B, C , D, E, F)	
Output designs (shaft design: hollow shaft, solid shaft...)	
Input design (**A** asynchronous/**S** synchronous)	
Cooling type (**S00** without fan/**F10** with blower)	

→ 14 - General information - Product key



Determine gearbox size from the forces		
Determination of the axial and radial forces acting on the gearbox shaft		
	Calculation	**Check**
Additional radial force factor of transmission element	f_z =	
Radial force	$Fr = 2000 \cdot \frac{M_{L,max} \cdot f_z}{d_w}$	$Fr \le Fr_{zul} = \min\left(f_w \cdot f_\alpha \cdot Fr_{Tab}; f_w \cdot Fr_{max}\right)$
Axial force		$Fa \le Fa_{zul} = Fa_{Tab}$, $Fr = 0$

→ 52 - f_z

→ Permissible radial and axial forces G□□ [N]
Fr_{Tab}, Fa_{Tab}, f_w, f_α

Determine speed correction factors	
Ambient temperature, site altitude	k_{n1} =
Mounting position	k_{n2} =
Average speed utilisation of the geared motor (in % of n_L) and daily operating time	k_{n3} =
	$k_n = k_{n1} \cdot k_{n2} \cdot k_{n3}$

→ 51 - kn_1, kn_2, kn_3

Select and check the geared servo motor-inverter combination			
For maximum life expectancy, Lenze recommends the use of motors with a low rated speed for operating modes S1 and S6.			
	Check	**Selection**	
Output torque	$M_2 \ge M_L$	M_2 =	[Nm]
Output speed (recommendation)	$n_{2,th} \ge \frac{n_L}{k_n}$	$n_{2,th}$ =	[r/min]
Output speed	$n_{2,Eck} \ge n_L$	$n_{2,Eck}$ =	
Alternating load influence: without alternating load	$M_{2,GN} \ge M_L$	$M_{2,GN}$ =	[Nm]
Alternating load influence: with alternating load	$M_{2,GN} \ge M_L \cdot 1.4$		
Ratio		i =	
Load capacity of the geared motor		c =	
Momentary maximum torque	$M_{2,max} = M_{2,GN} \cdot 1.5 \ge M_{L,max}$	$M_{2,max}$ =	[Nm]

→ Selection tables G□□ [Nm]
M_2, $M_{2,GN}$, $n_{2,th}$, $n_{2,Eck}$, i, c

→ 50 - Motors for operating modes S1 and S6

Determine the required gearbox load capacity		
Calculate intensity	Without alternating load $k_I = \frac{M_{L,max}}{M_2}$ With alternating load $k_I = \frac{M_{L,max}}{M_2} \cdot 1.4$	k_I =
At runtime t_L > 10%: take intensity k_I from the calculation into account At runtime $t_L \leq$ 10%: take load factor k from the diagram into account		k =
Required load capacity	$t_L > 10\% \rightarrow c \geq k_I$ $t_L \leq 10\% \rightarrow c \geq k$	c =

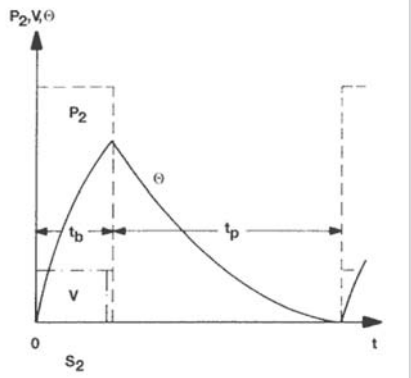
→ 52 - k

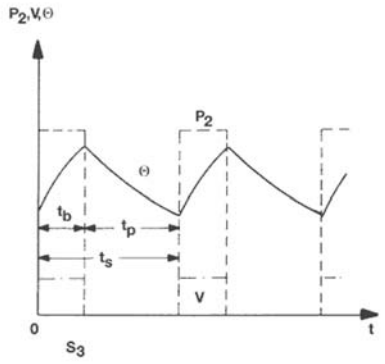


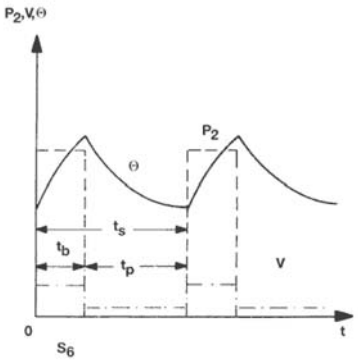
Dimensioning of geared servo motors for operating modes S2, S3 and S6 (EN 60034)

Short-time operation S2: Short-time running of the drive followed by a “long” pause
Periodic intermittent operation S3: Periodic alternation of the drive between on and off (maximum cycle time 10 minutes)

Periodic intermittent loading S6: The load alternates between on and off with the motor running constantly (maximum cycle time 10 minutes).
The acceleration process is ignored. Dimensioning for profile is required for dynamic applications.







Required input variables			
Operating time/day	BD =		[h]
Average speed utilisation of the geared motor related to the speed under load n_L			[%]
Operating mode	S2 - ED = S3, S6 - ED =		[min] [%]
Ambient temperature	T_u =		[°C]
Site altitude above mean sea level	H =		[m]
Radial force	Fr =		[N]
Axial force	Fa =		[N]
Transmission element at gearbox (gear wheels, sprockets...)			
Pitch circle diameter of the transmission element	d_w =		[mm]
Load torque	M_L =		[Nm]
Load speed	n_L =		[r/min]
Momentary maximum torque (emergency off, quick stop, occasional high starting duty)	$M_{L,max}$ =		[Nm]
Runtime at maximum torque	t_L =		[%]

Determine gearbox design and servo motor design	
Gearbox type (GST, GFL, GKR, GKS, GSS, GPA)	
Mounting position (A, B, C , D, E, F)	
Output designs (shaft design: hollow shaft, solid shaft...)	
Input design (**A** asynchronous/**S** synchronous)	
Cooling type (**S00** without fan/**F10** with blower)	

→ 14 - General information - Product key

Determine gearbox size from the forces		
Determination of the axial and radial forces acting on the gearbox shaft		
	Calculation	**Check**
Additional radial force factor of transmission element	f_z =	
Radial force	$Fr = 2000 \cdot \frac{M_{L,max} \cdot f_z}{d_w}$	$Fr \le Fr_{zul} = \min\left(f_w \cdot f_\alpha \cdot Fr_{Tab}; f_w \cdot Fr_{max}\right)$
Axial force		$Fa \le Fa_{zul} = Fa_{Tab}$, $Fr = 0$

→ 52 - f_z

→ Permissible radial and axial forces G□□ [N]
Fr_{Tab}, Fa_{Tab}, f_w, f_α

Determine speed correction factors	
Ambient temperature, site altitude	k_{n1} =
Mounting position	k_{n2} =
Average speed utilisation of the geared motor (in % of n_L) and daily operating time	k_{n3} =

→ 51 - kn_1, kn_2, kn_3

Speed correction factors for average speed k_m					
Op. mode S2		**Op. mode S3**		**Op. mode S6**	
ED [min]	k_m	**ED** [%]	k_m	**ED** [%]	k_m
10	0.16	15	0.15	15	1.00
30	0.50	25	0.25	25	
60	1.00	40	0.40	40	
90		60	0.60	60	

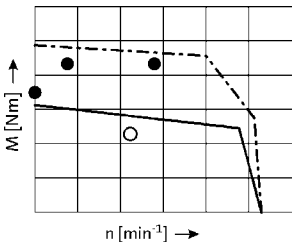
k_m =

$$k_n = \frac{k_{n1} \cdot k_{n2} \cdot k_{n3}}{k_m}$$



Specify the overload factor k_L (guide values) as a function of the application/kinematics					
Op. mode S2		**Op. mode S3**		**Op. mode S6**	
ED [min]	k_L	**ED** [%]	k_L	**ED** [%]	k_L
10	1.4-1.5	15	1.4-1.5	15	1.5-1.6
30	1.15-1.2	25	1.3-1.4	25	1.4-1.5
60	1.07-1.1	40	1.15-1.2	40	1.3-1.4
90	1.0-1.05	60	1.05-1.1	60	1.15-1.2

k_L =

Select and check the geared servo motor-inverter combination			
For maximum life expectancy, Lenze recommends the use of motors with a low rated speed for operating modes S1 and S6.			
	Check	**Selection**	
Output torque	$M_2 \geq \frac{M_L}{k_L}$	M_2 =	[Nm]
Output speed (recommendation)	$n_{2,th} \geq \frac{n_L}{k_n}$	$n_{2,th}$ =	[r/min]
Output speed	$n_{2,Eck} \geq n_L$	$n_{2,Eck}$ =	
Alternating load influence: without alternating load	$M_{2,GN} \geq M_L$	$M_{2,GN}$ =	[Nm]
Alternating load influence: with alternating load	$M_{2,GN} \geq M_L \cdot 1.4$		
Ratio		i =	
Load capacity of the geared motor		c =	
Efficiency of gearbox	$\eta_G = \eta_{c=1} - (c-1) \cdot 0.01$	η_G =	
Momentary maximum torque	$M_{2,max} = M_{2,GN} \cdot 1.5 \geq M_{L,max}$	$M_{2,max}$ =	[Nm]
Thermally effective working point (○) below S1 torque characteristic of the servo motor		$\left(\frac{i \cdot k_m \cdot n_L}{k_{n3}} \;,\; \frac{M_L}{k_L \cdot i \cdot \eta_G}\right)$	
All working points (●) below the maximum torque characteristic curve of the servo motor-inverter combination, taking $M_{L,max}$ into account		$\left(i \cdot n_L \;,\; \frac{M_L}{i \cdot \eta_G}\right)$	

→ Selection tables G□□ [Nm]
M_2, $M_{2,GN}$, $n_{2,th}$, $n_{2,Eck}$, i, c
→ Servo motors catalogue
Torque characteristics

→ 50 - Motors for operating modes S1 and S6
→ 53 - $\eta_{c=1}$

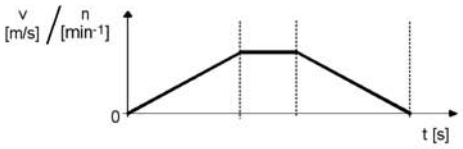
Determine the required gearbox load capacity		
Calculate intensity	Without alternating load $k_I = \frac{M_{L,max}}{M_2}$ With alternating load $k_I = \frac{M_{L,max}}{M_2} \cdot 1.4$	k_I =
At runtime t_L > 10%: take intensity k_I from the calculation into account At runtime $t_L \leq 10\%$: take load factor k from the diagram into account		k =
Required load capacity	$t_L > 10\% \rightarrow c \geq k_I$ $t_L \leq 10\% \rightarrow c \geq k$	c =

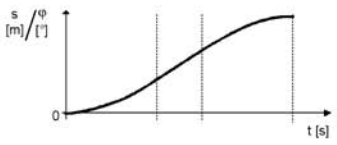
→ 52 - k

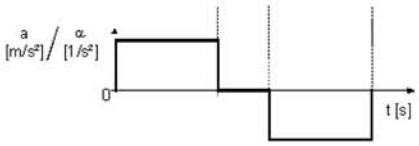


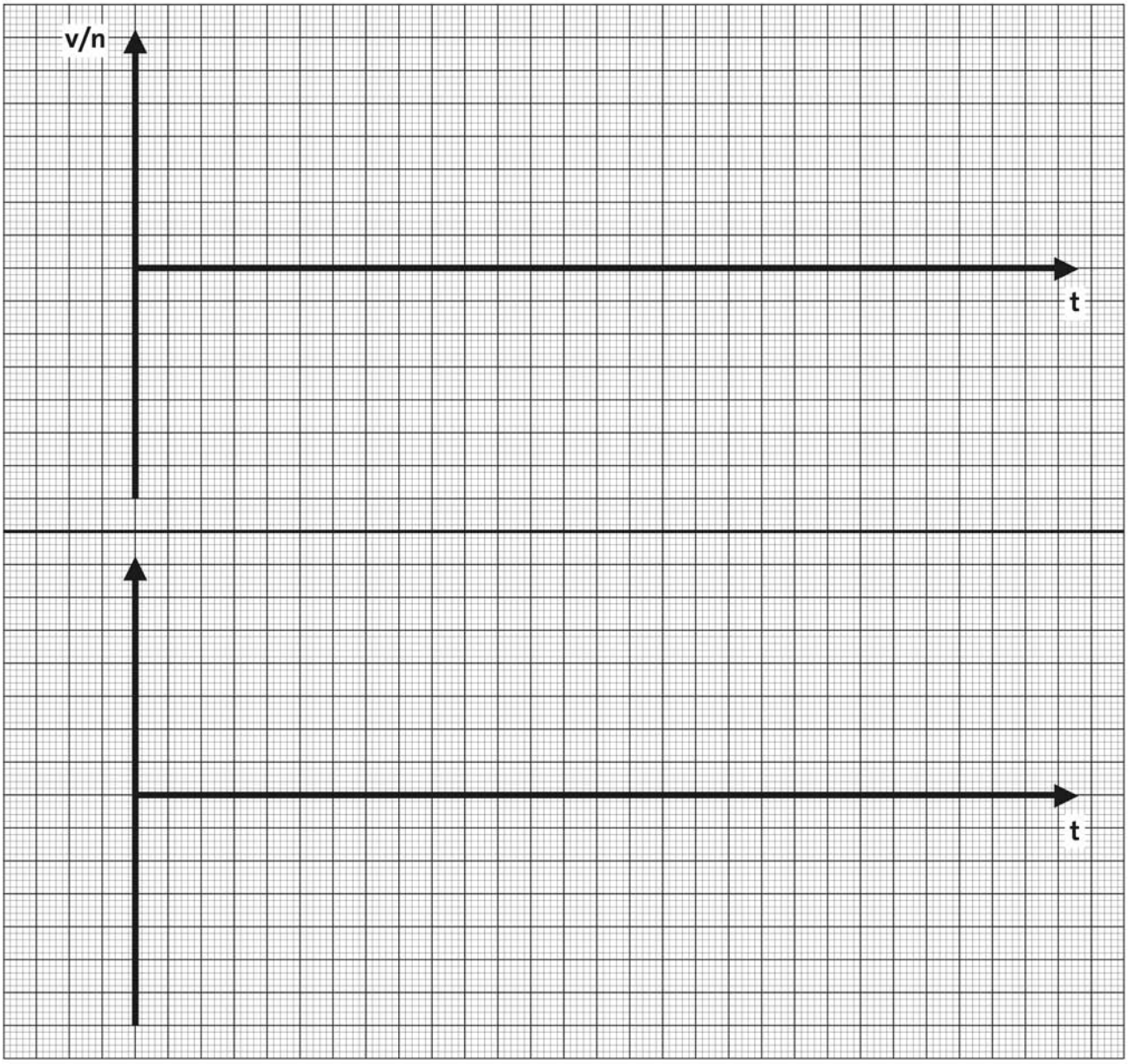
Dimensioning of geared servo motors with speed profiles, cycle time/load cycle duration ≤ 1 min

The profiles, some examples of which are shown below, must be determined.
A small sketch of the movement to be carried out can help with the subsequent calculation.









Required input variables			
Operating time/day	BD =		[h]
Average speed utilisation of the geared motor related to the speed under load n_L			[%]
Ambient temperature	T_u =		[°C]
Site altitude above mean sea level	H =		[m]
Radial force	Fr =		[N]
Axial force	Fa =		[N]
Transmission element at gearbox (gear wheels, sprockets...)			
Pitch circle diameter of the transmission element	d_w =		[mm]
Momentary maximum torque (emergency off, quick stop, occasional high starting duty)	$M_{L,max}$ =		[Nm]
Runtime at maximum torque	t_L =		[%]

Time characteristic of load for the individual time segments z							
Total time	**Individual time segments**	**Load speed**	**Load speed variation**	**Stationary load torque**	**Torque**	**Acceleration torque**	**Moment of inertia**
t [s]	Δt_z [s]	$n_{L,z}$ [r/min]	$\Delta n_{L,z}$ [r/min]	$M_{L,z}$ [Nm]	M_z [Nm]	$M_{s,z}$ [Nm]	J_L [kgm²]

Load cycle duration	$T = \sum \Delta t_z$	T =	[s]

Calculation of values required for the process			
Torque per time segment	$M_z = M_{L,z} + J_L \cdot \frac{2\pi \cdot \Delta n_{L,z}}{60 \cdot \Delta t_z} = M_{L,z} + 0.105 \cdot \frac{\Delta n_{L,z}}{\Delta t_z} \cdot J_L$		
Maximum torque of profile	$M_{P,max} = \max(M_z)$	$M_{P,max}$ =	[Nm]
Effective torque	$M_{eff} = \sqrt{\frac{1}{T}\sum_z M_z^2 \cdot \Delta t_z}, T \le 1\,min$	M_{eff} =	[Nm]
Mean speed	$n_m = \overline{\lvert n_{L,z} \rvert} = \frac{1}{T}\sum_z \lvert n_{L,z} \rvert \cdot \Delta t_z$	n_m =	[r/min]
Maximum speed	$n_{max} = \max(n_{L,z})$	n_{max} =	[r/min]



Determine gearbox design and servo motor design	
Gearbox type (GST, GFL, GKR, GKS, GSS, GPA)	
Mounting position (A, B, C , D, E, F)	
Output designs (shaft design: hollow shaft, solid shaft...)	
Input design (**A** asynchronous/**S** synchronous)	
Cooling type (**S00** without fan/**F10** with blower)	

→ 14 - General information - Product key

Determine gearbox size from the forces		
Determination of the axial and radial forces acting on the gearbox shaft		
	Calculation	**Check**
Additional radial force factor of transmission element	f_z =	
Radial force	$Fr = 2000 \cdot \frac{M_{L,max} \cdot f_z}{d_w}$	$Fr \le Fr_{zul} = \min\left(f_w \cdot f_\alpha \cdot Fr_{Tab}; f_w \cdot Fr_{max}\right)$
Axial force		$Fa \le Fa_{zul} = Fa_{Tab}$, $Fr = 0$

→ 52 - f_z

→ Permissible radial and axial forces G□□ [N]
Fr_{Tab}, Fa_{Tab}, f_w, f_α

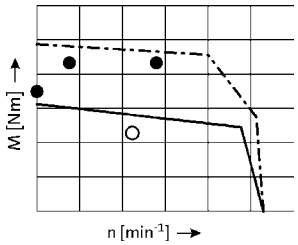
Determine speed correction factors	
Ambient temperature, site altitude	k_{n1} =
Mounting position	k_{n2} =
Average speed utilisation of the geared motor (in % of n_L) and daily operating time	k_{n3} =
	$k_n = k_{n1} \cdot k_{n2} \cdot k_{n3}$

→ 51 - kn_1, kn_2, kn_3

Select and check the geared servo motor-inverter combination			
	Check	**Preselection**	
Output torque	$M_2 > M_{eff}$	M_2 =	[Nm]
Output speed (recommendation)	$n_{2,th} \geq \frac{n_m}{k_n}$	$n_{2,th}$ =	[r/min]
Output speed	$n_{2,Eck} \geq n_L$	$n_{2,Eck}$ =	
Maximum speed	$n_{1,max} \geq n_{max} \cdot i$	$n_{1,max}$ =	
Alternating load influence: without alternating load	$M_{2,GN} \geq M_{P,max}$	$M_{2,GN}$ =	[Nm]
Alternating load influence: with alternating load	$M_{2,GN} \geq M_{P,max} \cdot 1{,}4$		
Load capacity of the geared motor		c =	
Efficiency of gearbox	$\eta_G = \eta_{c=1} - (c-1) \cdot 0.01$	η_G =	
Ratio	$i \approx \sqrt{\frac{J_L}{J_G + J_M + J_B}}$ (Optimum $k_J = 1$)	i =	
Load-matching factor (for optimum dynamics/control properties)	Requirement k_J = 0.5 ... 10 Optimum k_J = 1	$k_J = \frac{J_L}{i^2 \cdot (J_G + J_M + J_B)}$	

→ Selection tables G□□ [Nm]
M_2, $M_{2,GN}$, $n_{2,th}$, $n_{2,Eck}$, i, c, J_G, J_M
→ Servo motors catalogue
J_B
→ 50 - $n_{1,max}$
→ 53 - $\eta_{c=1}$



Check the motor torques			
Taking into account the mass inertia of gearbox, motor and brake			
Acceleration torque	$M_{S,z} = M_z + (J_{GM} + J_B) \cdot \frac{2\pi \cdot \Delta n_{L,z}}{60 \cdot \Delta t_z} \cdot i^2$	$M_{s,z}$ =	[Nm]
Effective torque	$M_{S,eff} = \sqrt{\frac{1}{T} \sum_z M_{S,z}^2 \cdot \Delta t_z}$	$M_{s,eff}$ =	
Thermally effective working point (○) below S1 torque characteristic of the servo motor		$\left(\frac{i \cdot n_m}{k_{n3}} , \frac{M_{S,eff}}{i \cdot \eta_G}\right)$	
All working points (●) below the maximum torque characteristic curve of the servo motor-inverter combination		$\left(i \cdot n_{L,z} , \frac{M_{S,z}}{i \cdot \eta_G}\right)$	

→ Servo motors catalogue
Torque characteristics

Determine the required gearbox load capacity		
Calculate intensity	Without alternating load $k_I = \frac{M_{L,max}}{M_2}$ With alternating load $k_I = \frac{M_{L,max}}{M_2} \cdot 1.4$	k_I =
At runtime $t_L > 10\%$: take intensity k_I from the calculation into account At runtime $t_L \leq 10\%$: take load factor k from the diagram into account		k =
Required load capacity	$t_L > 10\% \rightarrow c \geq k_I$ $t_L \leq 10\% \rightarrow c \geq k$	c =

→ 52 - k

Maximum gearbox input speeds

► These may not be exceeded, even momentarily.

Motor type	Input speeds	Motor type	Input speeds
	$n_{1,max}$ [r/min]		$n_{1,max}$ [r/min]
MCA10...	5000	**MCS06...**	5000
MCA13...		**MCS09...**	
MCA14...		**MCS12...**	
MCA17...		**MCS14...**	
MCA19...	4000	**MCS19...**	4000
MCA21...			

Recommended motors for operating modes S1 and S6

► With operating modes S1 and S6, the motor rotates at a constant, high speed. Motors with low rated speeds are preferable in respect of service life and oil temperature rise.

Motor type	Motor type
MCA10I40	MCS06C41
MCA13I41	MCS06F41
MCA13I34	MCS06I41
MCA14L20	MCS09D41
MCA14L16	MCS09F38
MCA17N23	MCS09H41
MCA17N17	MCS09L41
MCA19S23	MCS12D20
MCA19S17	MCS12H15
MCA21X25	MCS12L20
MCA21X17	MCS14D15
-	MCS14H15
-	MCS14L15
-	MCS14P14
-	MCS19F14
-	MCS19J14
-	MCS19P14



Ambient temperature and site altitude k_{n1}

Ambient temperature	Site altitude H [m] above mean sea level			
	< 1000	< 2000	< 3000	< 4000
T_u [°C]	k_{n1}	k_{n1}	k_{n1}	k_{n1}
≤ 20	1.15	1.04	0.92	0.81
30	1.00	0.90	0.80	0.70
40	0.80	0.72	0.64	0.56
50	0.60	0.54	0.48	0.42
60	0.40	0.36	0.32	0.28

Mounting positions k_{n2}

	Mounting position					
Gearbox type	A	B	E	D	E	F
	k_{n2}	k_{n2}	k_{n2}	k_{n2}	k_{n2}	k_{n2}
GST	1.00	0.80	0.80	0.70 [1)]	1.00	1.00
GFL	1.00	0.80	0.85	0.70 [1)]	0.90	0.80
GKR	1.00	0.90	0.80	0.80 [1)]	0.95	0.95
GKS	1.00	0.80	0.80	0.70 [1)]	0.80	0.80
GSS	1.00	0.90	0.80	0.80 [1)]	0.95	0.95
GPA	1.00	-	0.80	0.70 [1)]	-	-

[1)] The average input speed n_1 should not exceed 1500 r/min.

Daily operating time and average speed utilisation of the geared motor k_{n3}

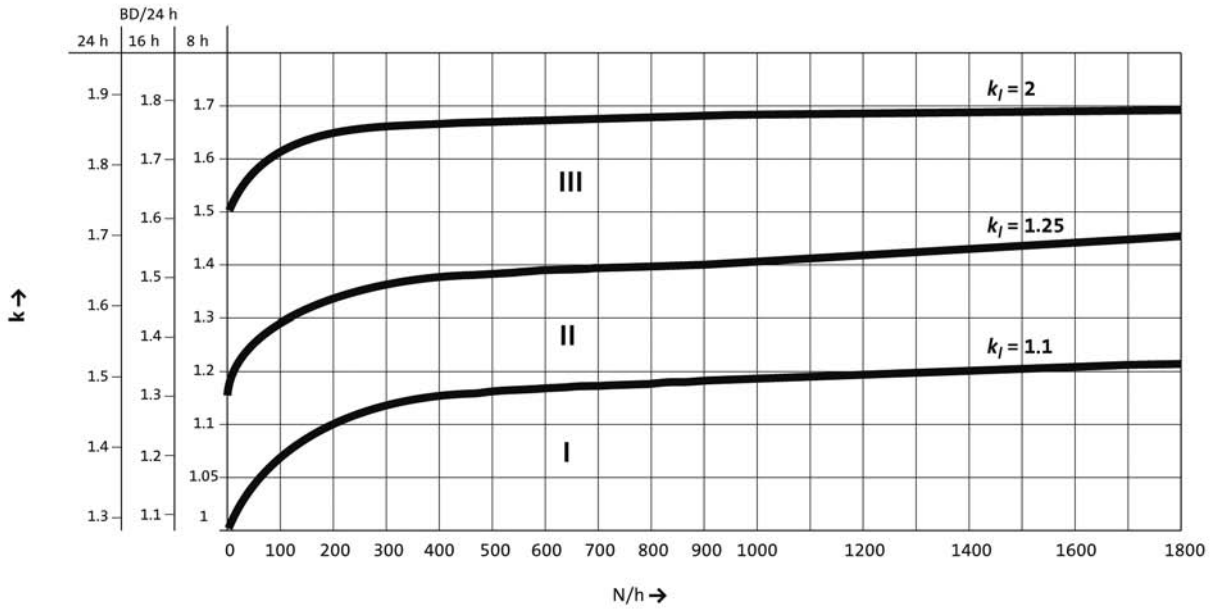
Daily operating time	Average speed utilisation of the geared motor related to the speed under load n_L				
	100%	80%	60%	50%	25%
[h]	k_{n3}	k_{n3}	k_{n3}	k_{n3}	k_{n3}
1.0	1.29	1.33	1.38	1.42	1.55
2.0	1.15	1.20	1.25	1.29	1.42
3.0	1.08	1.12	1.17	1.21	1.34
4.0	1.02	1.06	1.12	1.15	1.29
5.5	0.96	1.00	1.06	1.09	1.22
8.0	0.89	0.93	0.99	1.02	1.15
12.0	0.81	0.85	0.91	0.94	1.08
16.0	0.76	0.80	0.85	0.89	1.02
22.0	0.71	0.76	0.81	0.85	0.98
24.0	0.68	0.72	0.78	0.81	0.94

Additional radial force factors for the transmission elements

Transmission element	Additional radial force factor
	f_z
Gear wheels	1.12
Sprockets	1.25...1.4
Toothed belt pulleys	1.5
Narrow V-belt, depending on tension	1.5 ... 2.0

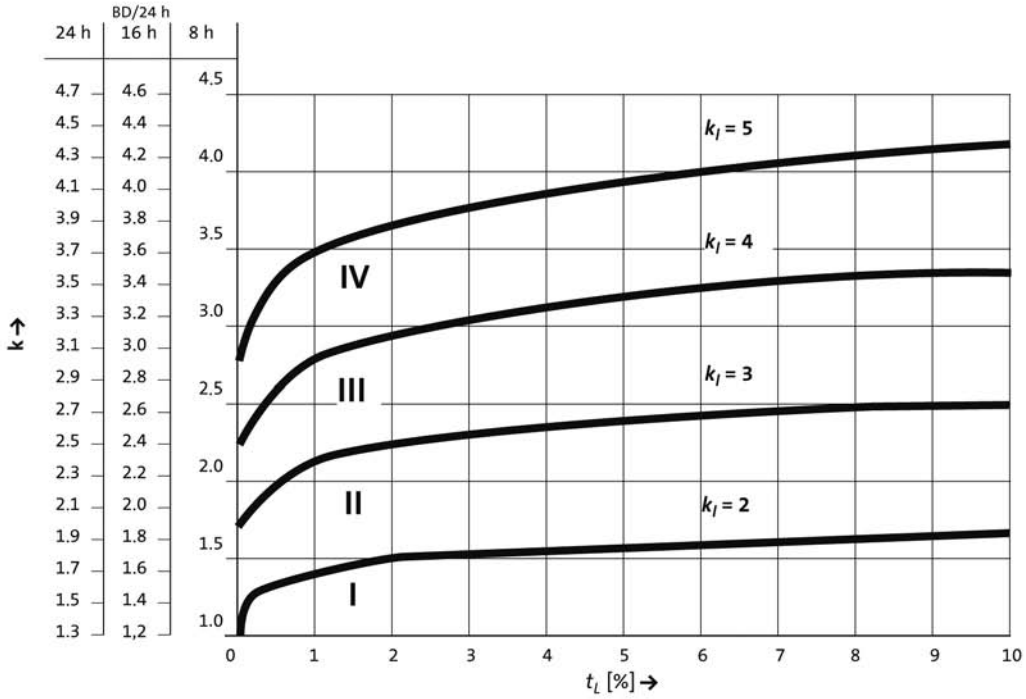
Application factors GPA

**Take application factor k of the machine from the diagram into account.
Interpolation between the curves is permissible.**



Application factors
GST, GFL, GKR, GKS, GSS

**Take application factor k of the machine from the diagram into account.
Interpolation between the curves is permissible.**



Efficiencies

	Number of stages			
Gearbox type	**1**	**2**	**3**	**4**
	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$
GST	0.98	0.97	0.95	
GFL		0.97	0.95	
GKR		0.95		
GKS			0.95	0.93
GPA	0.97	0.95		



The start-up efficiency η_A of a helical-worm gearbox is lower than its operative efficiency at rated speed.

The start-up efficiency η_A must therefore always be taken into consideration when starting under load.

	Output speeds n_2 [r/min]														
	I		**1**	**5**	**10**	**16**	**25**	**32**	**40**	**63**	**100**	**160**	**250**	**400**	**630**	**800**
		η_A	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$
GSS04-2	**5.639**	0.71	0.78	0.79	0.83	0.86	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.89
	7.733															
	9.042	0.67	0.74	0.76	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	-
	9.897	0.71	0.78	0.79	0.83	0.86	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.89
	10.827															
	12.400	0.67	0.74	0.76	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	-
	13.810	0.71	0.78	0.79	0.83	0.86	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.90	0.89	0.89
	15.869	0.67	0.74	0.76	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
	17.360															
	20.417	0.55	0.60	0.71	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78	-	-	
	22.143	0.67	0.74	0.76	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
	24.800	0.56	0.62	0.72	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79	-	-	
	27.125	0.67	0.74	0.76	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
	31.738	0.56	0.62	0.72	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79	-	-	
	34.100	0.67	0.74	0.76	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
	39.200	0.55	0.60	0.71	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78	-	-	
	43.917	0.67	0.74	0.76	0.81	0.84	0.86	0.87	0.87	0.88	0.88	0.87	0.87	0.87	0.87	
	50.000	0.55	0.60	0.71	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
	54.250	0.56	0.62	0.72	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			-
	61.250	0.55	0.60	0.71	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
	68.200	0.56	0.62	0.72	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
	77.000	0.55	0.60	0.71	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
	87.833	0.56	0.62	0.72	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
	99.167	0.55	0.60	0.71	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78	-	-	
	111.318	0.56	0.62	0.72	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
	125.682	0.55	0.60	0.71	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
	139.500	0.56	0.62	0.72	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
	157.500	0.55	0.60	0.71	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			
	183.786	0.56	0.62	0.72	0.77	0.79	0.80	0.81	0.81	0.81	0.80	0.80	0.79			
	207.500	0.55	0.60	0.71	0.76	0.78	0.79	0.79	0.79	0.79	0.79	0.78	0.78			



	Output speeds n_2 [r/min]														
	i		**1**	**5**	**10**	**16**	**25**	**32**	**40**	**63**	**100**	**160**	**250**	**400**	**630**	**800**
		η_A	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$
GSS05-2	**5.639**	0.71	0.79	0.81	0.85	0.87	0.89	0.90	0.90	0.91	0.91	0.91	0.91	0.90	0.90	0.90
	7.733															
	9.042	0.67	0.75	0.79	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	-
	9.897	0.71	0.79	0.81	0.85	0.87	0.89	0.90	0.90	0.91	0.91	0.91	0.91	0.90	0.90	0.90
	10.827															
	12.400	0.67	0.75	0.79	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	-
	13.810	0.71	0.79	0.81	0.85	0.87	0.89	0.90	0.90	0.91	0.91	0.91	0.91	0.90	0.90	0.90
	15.869	0.67	0.75	0.79	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
	17.360															
	20.417	0.55	0.62	0.74	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81	-	-	
	22.143	0.67	0.75	0.79	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
	24.800	0.57	0.63	0.75	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82	-	-	
	27.125	0.67	0.75	0.79	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
	31.738	0.57	0.63	0.75	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82	-	-	
	35.306	0.67	0.75	0.79	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
	39.200	0.55	0.62	0.74	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81	-	-	
	43.917	0.67	0.75	0.79	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	
	50.000	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
	54.250	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			-
	61.250	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
	70.611	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
	79.722	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
	87.833	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
	99.167	0.55	0.62	0.74	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81	-	-	
	113.667	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
	128.333	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
	137.950	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
	155.750	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
	176.313	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
	199.063	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			

	Output speeds n_2 [r/min]														
	I		**1**	**5**	**10**	**16**	**25**	**32**	**40**	**63**	**100**	**160**	**250**	**400**	**630**	**800**
		η_A	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$
GSS05-3	**125.476**	0.67	0.75	0.79	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88	-
	153.708															
	193.233															
	222.133	0.55	0.62	0.74	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81	-	-	
	250.952	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
	283.333	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
	307.417	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
	347.083	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
	386.467	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
	436.333	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
	497.722	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
	561.944	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			
	630.803	0.57	0.63	0.75		0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82			
	712.197	0.55	0.62	0.74		0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81			



	Output speeds n_2 [r/min]														
	i		**1**	**5**	**10**	**16**	**25**	**32**	**40**	**63**	**100**	**160**	**250**	**400**	**630**	**800**
		η_A	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$
GSS06-2	**5.833**	0.72	0.80	0.83	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
	8.000															
	9.042	0.67	0.75	0.81	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	-
	10.238	0.72	0.80	0.83	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
	11.200															
	12.400	0.67	0.75	0.81	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	-
	14.286	0.72	0.80	0.83	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
	15.869	0.67	0.75	0.81	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
	17.360															
	20.417	0.57	0.64	0.77	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83	-	-	
	22.143	0.67	0.75	0.81	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
	24.800	0.57	0.64	0.77	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	-	-	
	27.125	0.67	0.75	0.81	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
	31.738	0.57	0.64	0.77	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	-	-	
	35.306	0.67	0.75	0.81	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
	39.200	0.57	0.64	0.77	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83	-	-	
	43.917	0.67	0.75	0.81	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
	50.000	0.57	0.64	0.77	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83	-	-	-
	54.250					0.83										
	61.250					0.82										
	70.611					0.83										
	79.722					0.82										
	87.833					0.83										
	99.167					0.82										
	113.667					0.83										
	128.333					0.82										
	137.950					0.83										
	155.750					0.82										
	174.375					0.83										
	196.875					0.82										

	Output speeds n_2 [r/min]														
	i		1	5	10	16	25	32	40	63	100	160	250	400	630	800
		η_A	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$
GSS06-3	126.531	0.57	0.64	0.77	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	-	-	-
	142.857					0.82										
	155.000					0.83										
	175.000					0.82										
	194.857					0.83										
	220.000					0.82										
	238.700					0.83										
	269.500					0.82										
	310.689					0.83										
	350.778					0.82										
	386.467					0.83										
	436.333					0.82										
	497.722					0.83										
	561.944					0.82										
	630.803					0.83										
	712.197					0.82										
	816.333					0.83										
	921.667					0.82										
	1023.000					0.83										
	1155.000					0.82										
	1241.550					0.83										
	1401.750					0.82										
	1635.693					0.83										
	1846.750					0.82										



	Output speeds n_2 [r/min]															
	i		**1**	**5**	**10**	**16**	**25**	**32**	**40**	**63**	**100**	**160**	**250**	**400**	**630**	**800**
		η_A	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$
GSS07-2	**5.862**	0.74	0.82	0.86	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
	8.125															
	9.086	0.69	0.77	0.84	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	-
	10.000	0.74	0.82	0.86	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
	11.200															
	12.594	0.69	0.77	0.84	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	-
	14.286	0.74	0.82	0.86	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
	15.500	0.69	0.77	0.84	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
	17.360															
	20.517	0.60	0.67	0.81	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	-	-	
	22.143	0.69	0.77	0.84	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
	25.188	0.60	0.66	0.80	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	-	-	
	27.125	0.69	0.77	0.84	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
	31.000	0.60	0.66	0.80	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	-	-	
	35.306	0.69	0.77	0.84	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
	39.200	0.60	0.67	0.81	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	-	-	
	43.271	0.69	0.77	0.84	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
	50.000	0.60	0.67	0.81	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	-	-	-
	54.250		0.66	0.80		0.85										
	61.250		0.67	0.81		0.84										
	70.611		0.66	0.80		0.85										
	79.722		0.67	0.81		0.84										
	86.542		0.66	0.80		0.85										
	97.708		0.67	0.81		0.84										
	113.667		0.66	0.80		0.85										
	128.333		0.67	0.81		0.84										
	137.950		0.66	0.80		0.85										
	155.750		0.67	0.81		0.84										
	174.375		0.66	0.80		0.85										
	196.875		0.67	0.81		0.84										

	Output speeds n_2 [r/min]														
	I		1	5	10	16	25	32	40	63	100	160	250	400	630	800
		η_A	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$	$\eta_{c=1}$
GSS07-3	126.531	0.60	0.66	0.80	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	-	-	-
	142.857		0.67	0.81		0.84										
	155.000		0.66	0.80		0.85										
	175.000		0.67	0.81		0.84										
	201.746		0.66	0.80		0.85										
	227.778		0.67	0.81		0.84										
	247.139		0.66	0.80		0.85										
	279.028		0.67	0.81		0.84										
	321.673		0.66	0.80		0.85										
	363.179		0.67	0.81		0.84										
	394.245		0.66	0.80		0.85										
	445.116		0.67	0.81		0.84										
	490.403		0.66	0.80		0.85										
	553.681		0.67	0.81		0.84										
	634.639		0.66	0.80		0.85										
	716.528		0.67	0.81		0.84										
	833.556		0.66	0.80		0.85										
	941.111		0.67	0.81		0.84										
	1011.633		0.66	0.80		0.85										
	1142.167		0.67	0.81		0.84										
	1227.755		0.66	0.80		0.85										
	1386.175		0.67	0.81		0.84										
	1569.181		0.66	0.80		0.85										
	1771.656		0.67	0.81		0.84										



General data

Gearbox type	GST	GFL	GKR	GKS	GSS
Housing					
Design	Cuboid				
Material	Aluminium/grey cast iron				
Solid shaft					
Design	With keyway in accordance with DIN 6885 Centring hole in accordance with DIN 332, Part 2				
Tolerance	k6 (d ≤ 50 mm) m6 (d > 50 mm)				
Material	Tempering steel C45 or 42CrMo4				
Hollow shaft					
Design	-	Hollow shaft (H): with keyway Hollow shaft with shrink disc (S): smooth			
Tolerance	-	Bore measured in accordance with ISO H7 with plug gauge			
Material	-	Tempering steel C45			
Geared parts					
Design	Optimised tooth flanks and profile geometry; ground tooth flanks				
Material	Case-hardened steel				Case-hardened steel, worm gear bronze
Shaft-hub joint	1st stage/pre-stage: friction-type connection (= 2nd, 3rd or 4th stage): friction-type or positive-fit				
Shaft sealing rings					
Design	With dust lip				
Material	NB/FP (Viton)				
Bearing					
Design	Ball bearings/tapered-roller bearings depending on frame size and design				
Lubricants					
Design	In accordance with DIN 51502				
Fill volumes	Depending on the mounting position (see Operating Instructions)				
Mechanical efficiency					
At rated torque	0.95 ≤ η ≤ 0.98		0.95 ≤ η ≤ 0.96	0.93 ≤ η ≤ 0.95	0.79 ≤ η ≤ 0.92 ► depending on ratio ► when n1 = 1400 r/min ► gearbox at operating temperature and gearing run in
Noises	Does not exceed the emission values specified in VDI Guideline 2159				
Enclosure					
Design	IP55 and IP65				

General data

Gearbox type	GPA
Housing	
Design	Cuboid
Material	Cast iron with nodular graphite
Solid shaft	
Design	Smooth without keyway Centring hole in accordance with DIN 332, Part 2
Tolerance	k6
Material	Tempering steel C45
Geared parts	
Design	Spur toothing, optimised tooth flanks and profile geometry
Planet pinions + sun wheel	Design: case-hardened and tooth flanks ground Material: case-hardened steel 17 Cr Ni Mo 6
Internal gearing	Design: shaped or broached Material: ductile cast iron EN-GJS-700-2
Ratios	Design: all ratios are mathematically exact
Shaft-hub joint	Positive-fit with special splined shaft profile
Shaft sealing rings	
Design	With dust lip
Material	FP (Viton)
Bearing	
Design	Ball bearings/tapered-roller bearings/needle bearings depending on frame size
Lubricants	
Design	In accordance with DIN 51502
Fill volumes	Depending on the mounting position (see Operating Instructions)
Mechanical efficiency	
At rated torque	$0.95 \leq \eta \leq 0.98$
Noises	Does not exceed the emission values specified in VDI Guideline 2159
Enclosure	
Design	IP54 and IP65



Ventilation

Gearboxes without ventilation
Ventilation is not required for the following gearboxes:
GST03/04
GFL04
GPA00...05
GKR03...05
GKS04
GSS04

Gearboxes that can be fitted with optional ventilation
If you are using these gearboxes, in most cases you will not need to provide special means of ventilation. In borderline cases, e.g. at input speeds > 2000 r/min, we recommend the use of breather elements, which can be purchased separately from us.
GST05
GFL05
GKS05

Gearboxes with ventilation
The following gearboxes are supplied with breather elements as standard:
GST06...14
GFL06...14
GKR06
GKS06...14
GSS05...07

Special precautions for mounting position C (motor on top)
For gearbox sizes G□□09...14 in this mounting position, we recommend the use of an oil compensation reservoir. This can be purchased separately. Depending on the gearbox type, you can find illustrations and special precautions under ventilation G□□ [⊗].
It is not required at high ratios or low input speeds. Please contact Lenze in such cases.

Lubricants

Lenze gearboxes and geared motors are ready for operation on delivery and are filled with lubricants that are specific to both the drive and the design. The mounting position and design specified in the order are decisive factors in choosing the volume of lubricant.

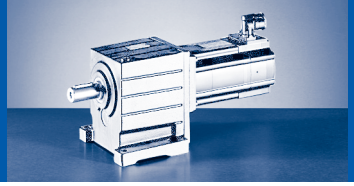
The lubricants listed in the lubricant table are approved for use in Lenze drives.

Lubricant table

► Please contact us you are working at ambient temperatures < -20°C or > +40°C.

Lubricants in accordance with DIN 51517-3: CLP-ISO 12925-1: CKC/CKD		**CLP HC 320**	**CLP HC 150**	**CLP HC 220 USDA H1**	**CLP PG 460**
GST / GFL / GKR / GKS		●		●	
GPA			●		
GSS				●	
Ambient temperature	[°C]	-25 ... +50		-20 ... +40	
Specification		Synthetic oil (synthetic hydrocarbon/poly-alpha-olefin oil)			Synthetic oil (polyglycol)
Note				For the foodstuffs processing industry.	Not mixable with other oil types.
Change interval		25000 operating hours		16000 operating hours	25000 operating hours
		After no more than three years (oil temperature 70 ... 80°C)			
Fuchs		Fuchs Renolin Unisyn CLP 320		bremer & leguil Cassida Fluid GL 220	
Klüber		Klübersynth GEM4-320		Klüberoil 4 UH1-220 N	Klübersynth GH 6-460
Shell		Shell Omala Oil HD 320			Shell Tivela S 460
Mobil			Mobil SHC 629		

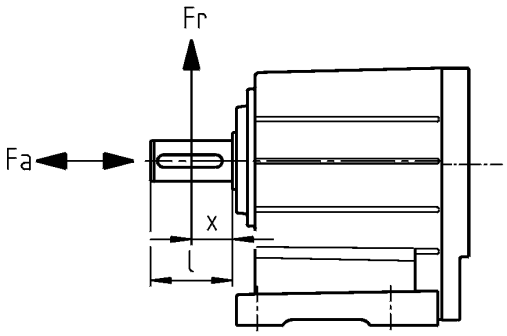
► Caution: when using the lubricant CLP HC 220 on the GSS helical-worm gearbox, the torque M_2 must be reduced to 80 % of the values stated in the catalogue!

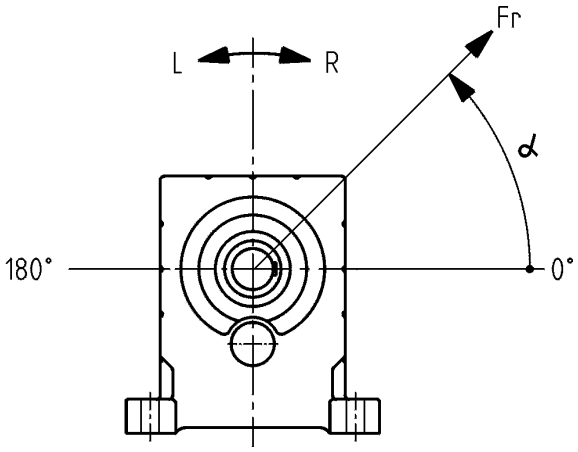


Permissible radial force
$Fr_{zul} = \min (f_w \times f_\alpha \times Fr_{Tab} ; f_w \times Fr_{max})$

At Fr **and** Fa ≠ 0 please contact your Lenze sales office.

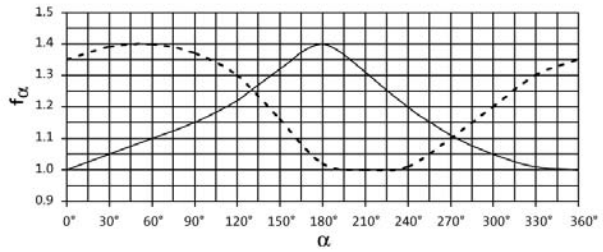
Permissible axial force
$Fa_{zul} = Fa_{Tab}$ at Fr = 0



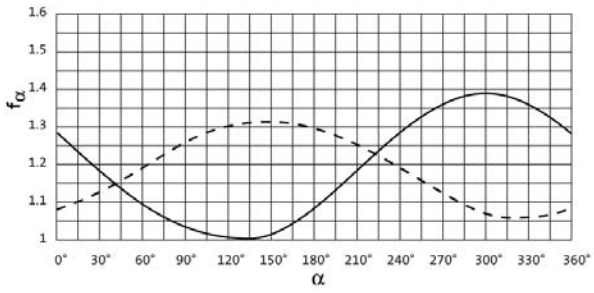


Effective direction factor f_α at output shaft

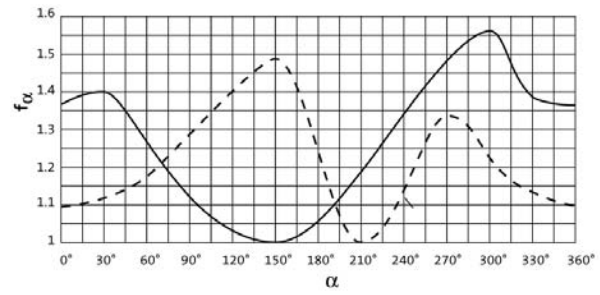
GST03-2



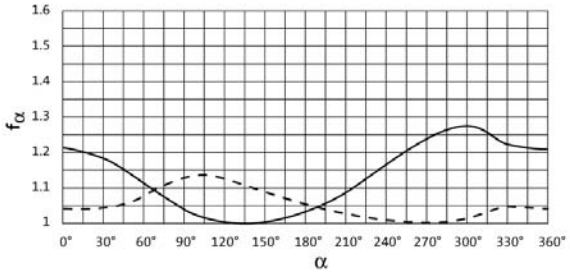
GST04...09-1



GST04...09-2, 3



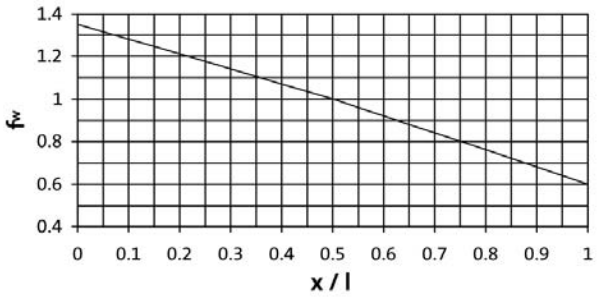
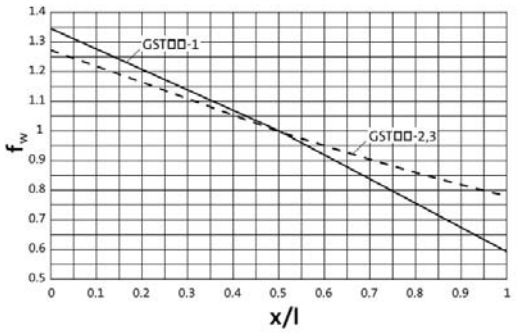
GST11...14-2, 3

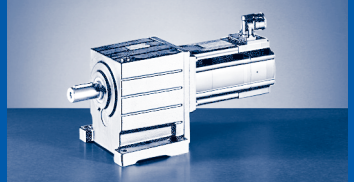


——— Direction of rotation R

— — — Direction of rotation L

Additional load factor f_w at output shaft

GST03-2	GST04...14-1, 2, 3
	



GST□□-1

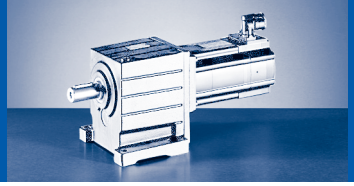
	Solid shaft (V□□) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0									
	GST04-1		GST05-1		GST06-1		GST07-1		GST09-1	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
2500	100	600	100	800	200	900	700	1200	1750	2500
1600	180	800	250	1100	600	1200	1000	1600	2200	3400
1000	440	1000	550	1400	800	1500	1200	2000	2500	4300
600	600	1300	750	2000	800	2000	1300	2700	2500	5700
400	850	1400	1400	2000	1100	2500	1900	3300	3500	6800
200	1050	1400	2000	2000	2200	2500	3000	3700	6200	7000
125	1050	1400	2300	2000	2900	2500	3900	3700	7900	7000
80	1050	1400	2300	2000	3500	2500	4700	3700	9000	7000
≤ 50	1050	1400	2300	2000	3500	2500	5300	3700	9500	7000
Fr_{max}	1050	-	2300	-	3500	-	5300	-	9500	-

GST□□-2/3 with standard bearings

	Solid shaft (V□□) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0															
	GST03-2		GST04-2		GST05-2/3		GST06-2/3		GST07-2/3		GST09-2/3		GST11-2/3		GST14-2/3	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
1000	100	300	730	600	1150	1200	140	500	140	1100	1500	1300	11500	5700	16600	9000
630	300	400	950	800	1500	1600	750	600	2050	1500	1950	1800	14400	7600	20700	12000
400	630	600	1250	1100	1950	2000	2350	850	3400	1900	6800	2300	17000	9500	24000	15000
250	710	700	1450	1300	2200	2300	2600	900	3800	2200	7600	2800	19000	10000	27000	16000
160	800	800	1700	1650	2600	2650	3100	1250	4500	2900	9400	4000	21000	11000	31000	18000
100	920	900	2100	2000	3000	3100	3600	1800	5400	3900	11500	5600	21000	14000	36000	20000
63	1100	1000	2500	2000	3500	3600	4300	2600	6400	5300	11500	8100	21000	16000	39000	20000
40	1400	1000	2650	2000	3800	3600	4350	3600	7600	7000	11500	11000	21000	16000	40000	20000
25	1500	1000	2650	2000	3900	3600	4350	4800	9100	7000	11500	12000	21000	16000	40000	20000
≤ 16	1500	1000	2650	2000	3900	3600	4350	4800	9500	7000	11500	12000	21000	16000	40000	20000
Fr_{max}	1500	-	2650	-	3900	-	4350	-	9500	-	11500	-	21000	-	40000	-

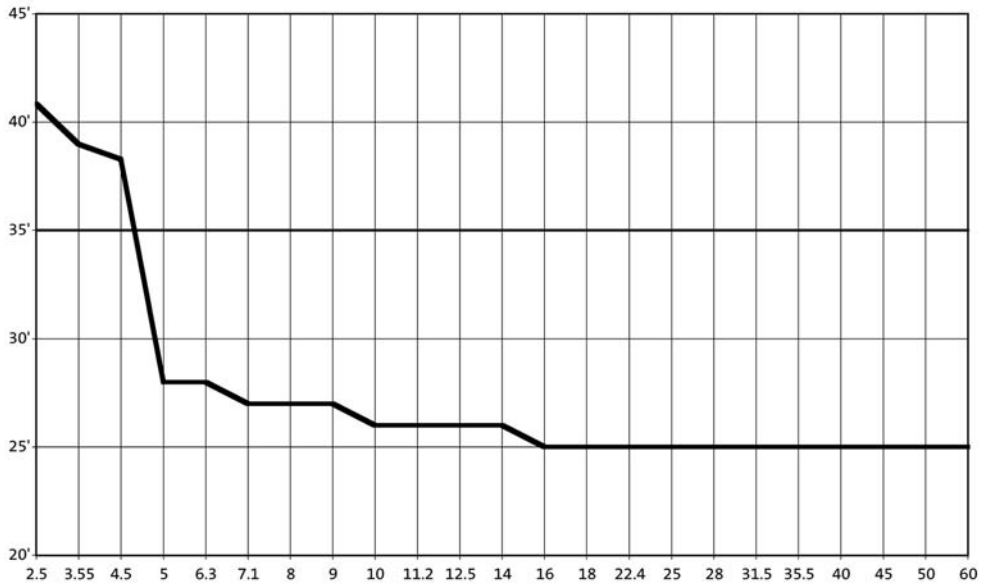
GST□□-2/3 with reinforced bearings

	Solid shaft (V□□) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0									
	GST04-2		GST05-2/3		GST06-2/3		GST07-2/3		GST09-2/3	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
1000	1900	1000	3350	2100	4250	2100	5650	3300	11300	4800
630	2350	1300	3950	2800	5100	2800	6850	4400	14000	6400
400	2850	1700	4900	3600	6300	3500	8500	5500	16500	8000
250	3150	1900	5400	3900	7000	3600	9500	6100	17000	9000
160	3550	2200	5400	4300	7700	4200	10500	7100	17000	10500
100	3750	2500	5400	4500	7700	4900	12500	8300	17000	12500
63	3750	2500	5400	4500	7700	5700	13000	9000	17000	14000
40	3750	2500	5400	4500	7700	5700	13000	9000	17000	14000
25	3750	2500	5400	4500	7700	5700	13000	9000	17000	14000
≤ 16	3750	2500	5400	4500	7700	5700	13000	9000	17000	14000
Fr_{max}	3750	-	5400	-	7700	-	13000	-	17000	-



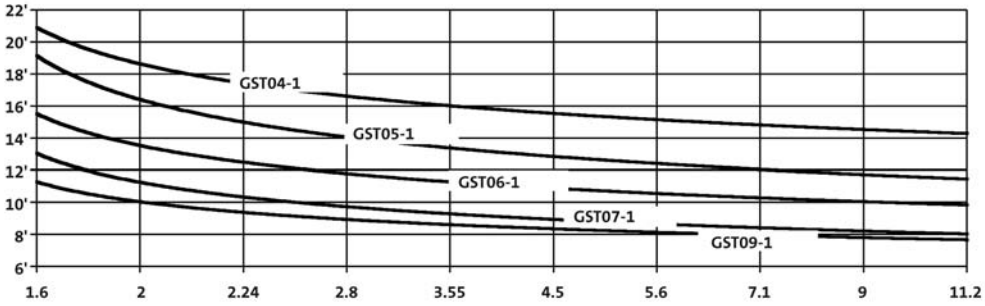
Output backlash in angular minutes

GST03-2



Ratio

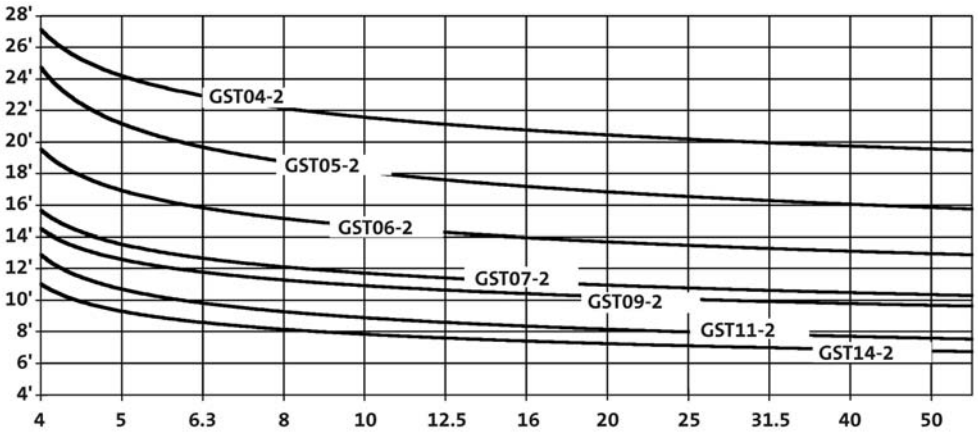
GST04...09-1



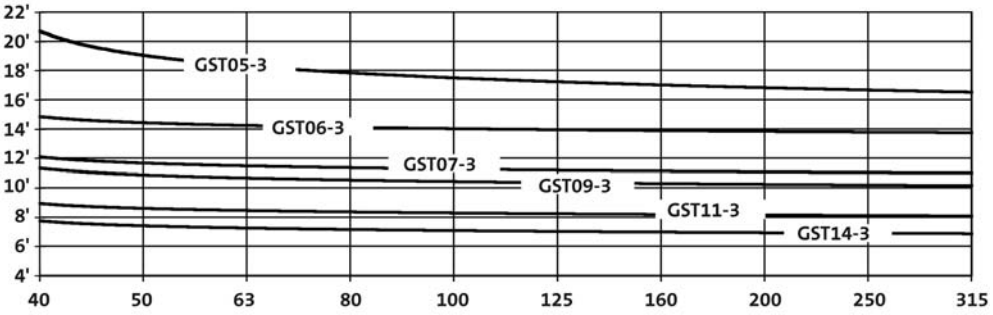
Ratio

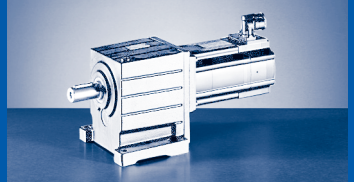
Output backlash in angular minutes

GST04...14-2



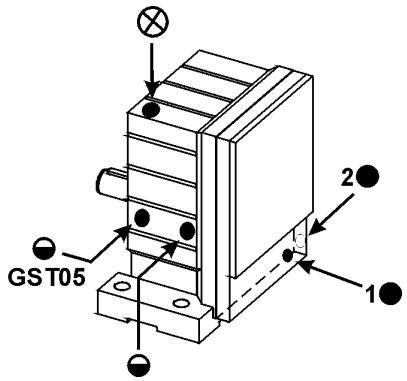
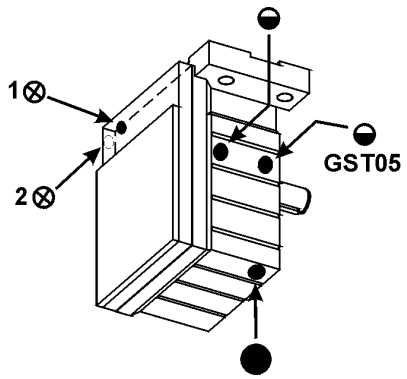
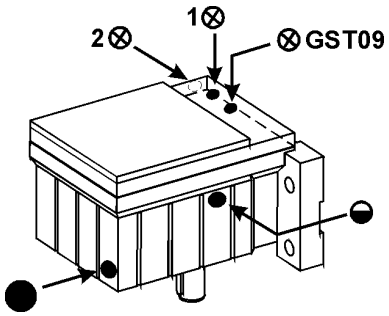
GST05...14-3

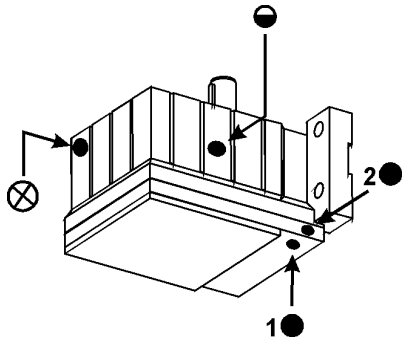
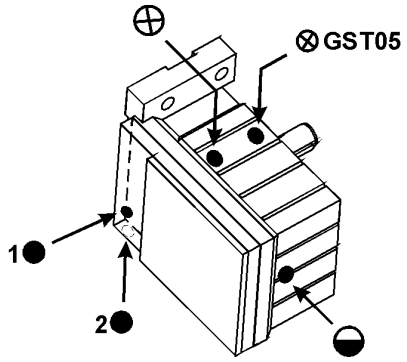
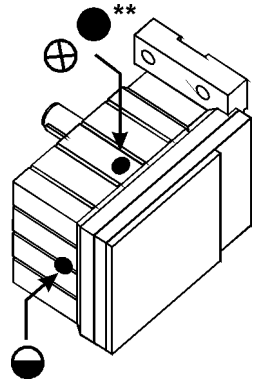




Position of ventilation, sealing elements and oil control

GST05...09-1

Mounting position		
A	B	C
		

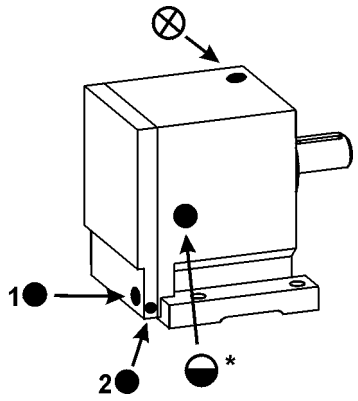
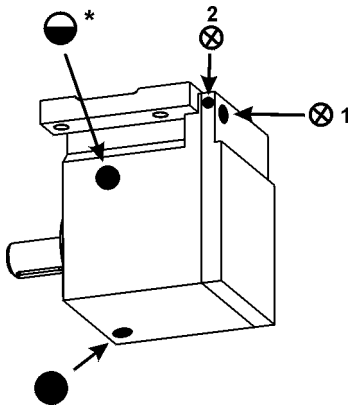
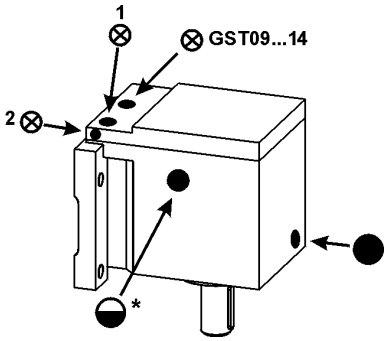
Mounting position		
D	E	F
		

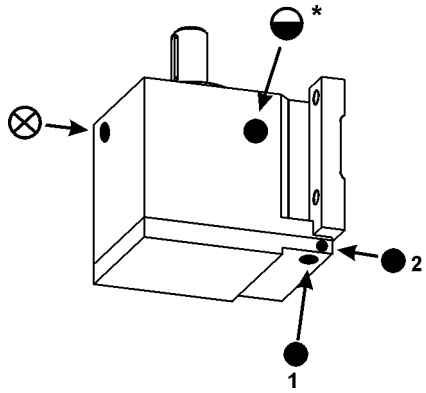
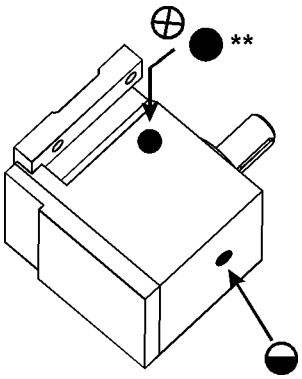
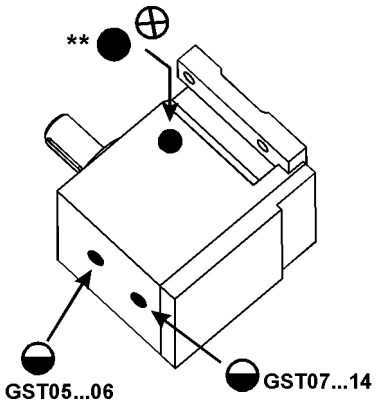
⊗ Ventilation/oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** Opposite

Pos.1 standard
Pos.2 only on GST05-1A □□□ 14LC□□

Position of ventilation, sealing elements and oil control

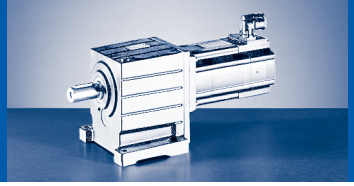
GST05...14-2

Mounting position		
A	B	C
		

Mounting position		
D	E	F
		

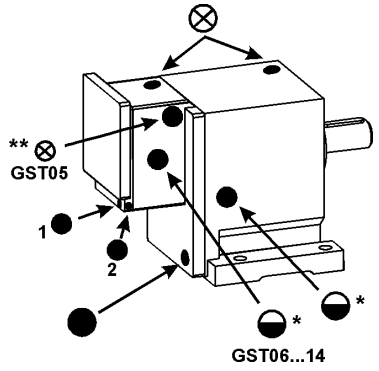
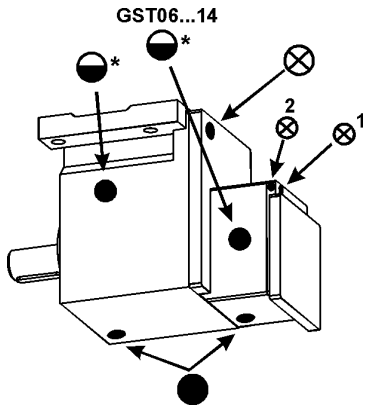
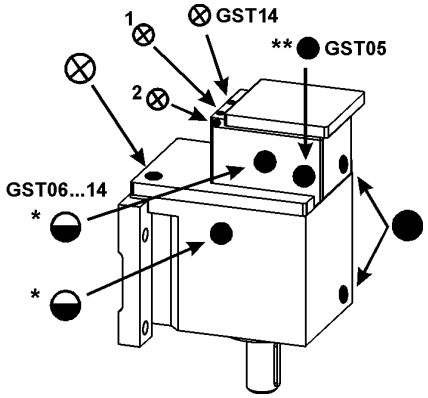
⊗ Ventilation/oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** Opposite

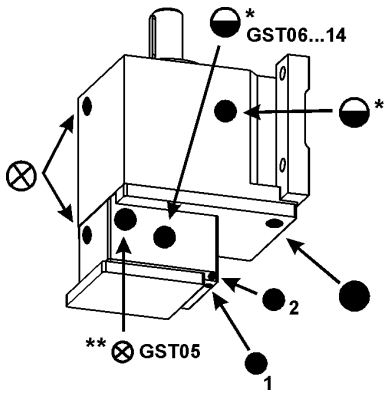
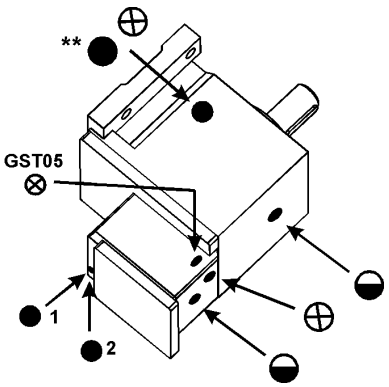
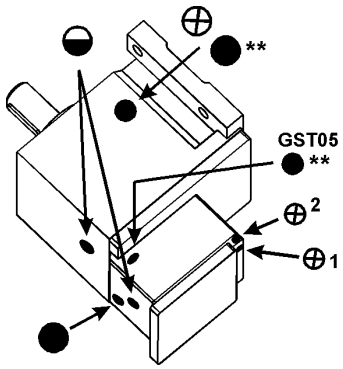
Pos.1 standard
Pos.2 only on GST05-2A □□□ 14LC□□



Position of ventilation, sealing elements and oil control

GST05...14-3

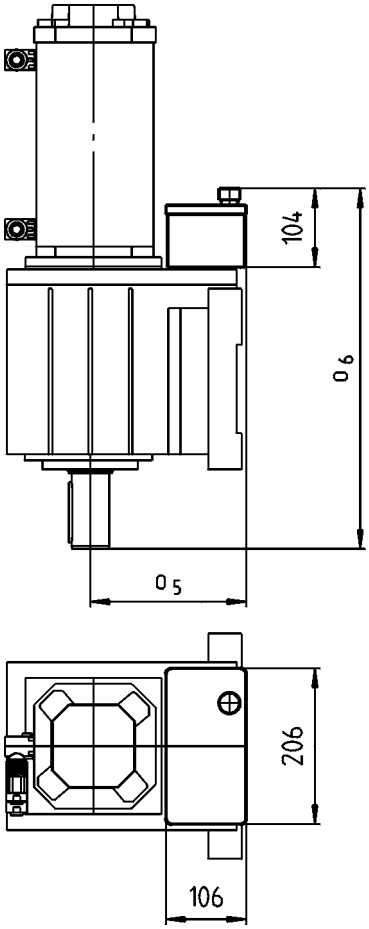
Mounting position		
A	B	C
		

Mounting position		
D	E	F
		

⊗ Ventilation/oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** Opposite

Pos.1 standard
Pos.2 only on GST07-3A □□□ 14LC□□

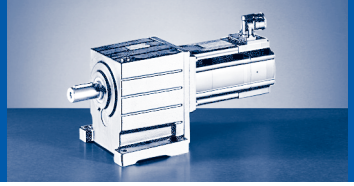
Compensation reservoir for mounting position C



GST□□-2A...		14LC□□ [1]	17NC□□ [1]	19SC□□ [1]	21XC□□ [1]
GST09...	o_5	206		226	245
	o_6	477			
GST11...	o_5	208		230	254
	o_6	536		540	
GST14...	o_5			252	282
	o_6			640	

GST□□-2S...		12□C□□	14□C□□	19□C□□
GST09...	o_5	206		245
	o_6	477		
GST11...	o_5	208		254
	o_6	536		540
GST14...	o_5			282
	o_6			640

[1] Connector/terminal box position 4 is not permitted.



GST□□-1S VBR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST04...	7		8	10		11	13							
GST05...	9		10	12		13	15			18			21	
GST06...	14		15	16	17	18	20	19		23			26	
GST07...				26	27	28	30	29		32			35	
GST09...								45		48			51	

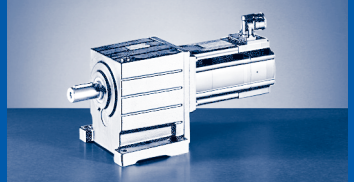
	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST06...	25		29		34		39							
GST07...	34		39		44		49		51		58		68	
GST09...	50		55		59		64		66		73		83	

GST□□-1S VCR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST04...	6		7	9	10	11	13							
GST05...	8		9	11		12	14			17			20	
GST06...	12	13		15	16		18			21			24	
GST07...				23	24	25	27	26		29			32	
GST09...								40		43			47	

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST06...	23		28		32		37							
GST07...	31		36		41		46		48		55		65	
GST09...	45		50		55		60		62		69		79	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



GST□□-2S VAR/VBR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST03...	4	5	6											
GST04...	9		10	11	12	13	15							
GST05...	12	13		15	16	17	19	18		22			25	
GST06...	20	21		23	24	25	26			29			32	
GST07...				38	39	40	42	41		44			48	
GST09...								69		72			76	

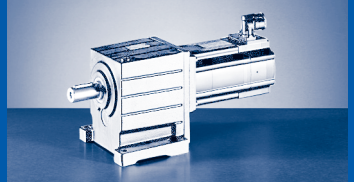
	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST06...	31		36		40		45							
GST07...	47		51		56		61		63		70		80	
GST09...	75		79		84		89		91		98		108	
GST11...	121		126		130		135		137		144		154	
GST14...									227		234		244	

GST□□-2S VCR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST03...	4	5												
GST04...	8		9	11	12	13	14							
GST05...	11		12	14		15	17			20			23	
GST06...	18		19	20	21	22	24	23		26			29	
GST07...				34	35	36	37			40			43	
GST09...								61		64			67	

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST06...	28		33		38		42							
GST07...	42		47		52		56		59		66		76	
GST09...	66		71		75		80		82		89		99	
GST11...	106		111		115		120		122		129		139	
GST14...									199		206		216	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



GST□□-3S VAR/VBR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST05...	15		16	18		19	21							
GST06...	25		26	28		29	31							
GST07...	43		44	45	46	47	49			52			55	
GST09...	75	76		78	79	80	82	81		84			87	
GST11...				133		134	136			139			142	
GST14...								243		246			249	

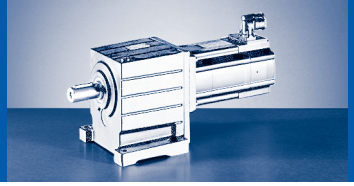
	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST09...	86		91		95		100							
GST11...	141		146		150		155		158		165		175	
GST14...	248		253		257		262		264		271		281	

GST□□-3S VCR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST05...	13		14	16	17	18	20							
GST06...	22		23	25	26	27	28							
GST07...	38	39		41	42	43	45	44		47			51	
GST09...	67		68	69	70	71	73	72		76			79	
GST11...				118	119		121			124			127	
GST14...								215		218			221	

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST09...	78		82		87		92							
GST11...	126		131		135		140		143		150		160	
GST14...	220		225		229		234		236		243		253	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



GST [kg]

GST□□-1A VBR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST04...	10	15	16						
GST05...	14	18	20	24		26			
GST06...	18	22	24	29		30		36	
GST07...	28	32	33	38		40		45	
GST09...				52		54		60	

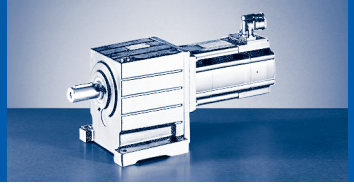
	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST06...	39									
GST07...	48		69		72		86		89	
GST09...	63		83		86		101		104	

GST□□-1A VCR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST04...	10	14	16						
GST05...	13	17	19	23		25			
GST06...	17	21	22	27		29		35	
GST07...	25	29	30	35		36		42	
GST09...				48		50		56	

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST06...	37									
GST07...	45		66		69		83		86	
GST09...	58		78		82		96		100	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



GST□□-2A VAR/VBR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST04...	12	17	18						
GST05...	18	22	23	27		29			
GST06...	25	29	30	35		37		43	
GST07...	40	44	46	50		52		58	
GST09...				77		79		85	
GST11...				123		125		131	
GST14...									

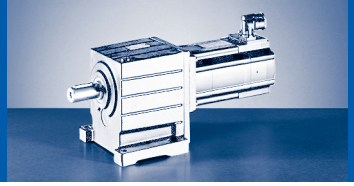
	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST06...	45									
GST07...	60		81		84		98		101	
GST09...	87		107		111		125		129	
GST11...	133		153		156		170		173	
GST14...			245		248		259		263	

GST□□-2A VCR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST04...	12	16	18						
GST05...	16	20	22	26		28			
GST06...	22	26	28	32		34		40	
GST07...	36	40	41	45		47		53	
GST09...				68		70		76	
GST11...				108		110		116	
GST14...									

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST06...	43									
GST07...	56		77		80		93		97	
GST09...	79		99		102		117		120	
GST11...	118		138		141		155		158	
GST14...			217		220		231		235	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



GST [kg]

GST□□-3A VAR/VBR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST05...	18	23	25						
GST06...	28	33	35						
GST07...	48	52	54	58		60			
GST09...	80	84	85	90		92		98	
GST11...	134	138	140	144		146		152	
GST14...				250		252		258	

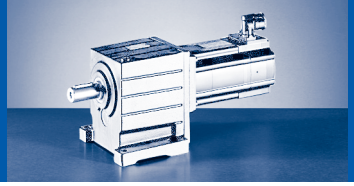
	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST09...	100									
GST11...	155		175		179		192		196	
GST14...	261		281		284		299		302	

GST□□-3A VCR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST05...	17	21	23						
GST06...	26	30	32						
GST07...	44	48	49	53		55			
GST09...	71	75	77	82		83		89	
GST11...	119	123	125	129		131		137	
GST14...				222		224		230	

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST09...	92									
GST11...	140		160		164		177		181	
GST14...	233		253		256		271		274	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



Additional weights MCS servo motors

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
...P1	0.3			0.8				0.9						
...P2				0.5				1.2						
...SCS/SCM/SRM/SRS ...ECN/EQN	0.4			0.2				0.3						

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
...P1	1.9								1.5					
...P2	3.1										4.3			
...SCS/SCM/SRM/SRS ...ECN/EQN	0.3													

Additional weights MCA servo motors

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
...P1/P5								2.4	
...P2/P6	0.8	1.4		1.5					
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.3	0.5		0.6				0.7	

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
...P1/P5	2.4		4.8				5.0			
...P2/P6										
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.7		1.0				1.1			

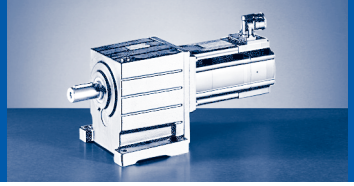
Additional weights gearbox

	Flange
	VAL/VCK
GST03...	0.8
GST04...	1.0
GST05...	1.5
GST06...	3.0
GST07...	4.0
GST09...	7.0
GST11...	10.5
GST14...	15.5

Weights in [kg]

► $i_g = z_g / z_t$

	i	z_g	z_t
GST03-2	2.597	896	345
	3.413	1280	375
	4.368	1376	315
	5.312	1344	253
	5.965	1372	230
	6.982	1920	275
	7.840	1960	250
	8.935	2064	231
	10.033	2107	210
	11.429	2640	231
	12.833	2695	210
	14.836	2448	165
	16.660	2499	150
	19.013	2928	154
	21.350	2989	140
	24.595	2976	121
	27.618	3038	110
	32.000	3168	99
	35.933	3234	90
	41.455	4560	110
	46.550	4655	100
	52.909	4656	88
	59.413	4753	80
GST04-1	1.600	40	25
	2.048	43	21
	2.240	56	25
	2.857	60	21
	3.500	63	18
	4.400	66	15
	5.667	68	12
	7.182	79	11
	9.000	81	9
	11.857	83	7
GST04-2	2.956	1330	450
	3.333	1400	420
	4.053	1520	375
	4.571	1600	350
	5.187	1634	315
	5.850	1720	294
	6.400	2240	350
	7.040	1760	250
	8.000	1800	225
	9.010	1892	210
	9.856	2464	250
	11.200	2520	225

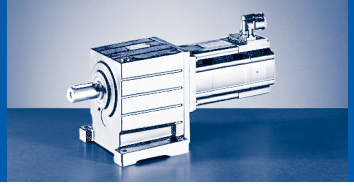


► $i_g = z_g / z_t$

	i	z_g	z_t
GST04-2	12.571	2640	210
	14.286	2700	189
	15.400	2772	180
	17.500	2835	162
	19.360	2904	150
	22.000	2970	135
	24.933	2992	120
	28.333	3060	108
	31.600	3476	110
	35.909	3555	99
	39.600	3564	90
	45.000	3645	81
	52.171	3652	70
	59.286	3735	63
GST05-1	1.600	40	25
	2.048	43	21
	2.240	56	25
	2.857	60	21
	3.500	63	18
	4.556	82	
	5.667	68	12
	7.333	88	
	8.900	89	10
	11.375	91	8
GST05-2	2.956	1330	450
	3.333	1400	420
	4.053	1520	375
	4.571	1600	350
	5.187	1634	315
	5.850	1720	294
	6.400	2240	350
	7.238	2280	315
	8.163	2400	294
	9.010	1892	210
	10.000	2520	252
	11.200		225
	13.016	3280	252
	14.356	2584	180
	16.190	2720	168
	17.500	2835	162
	20.044	3608	180
	22.778	3690	162
	24.933	2992	120
	28.333	3060	108
	32.267	3872	120

► $i_g = z_g / z_t$

	i	z_g	z_t
GST05-2	36.667	3960	108
	39.160	3916	100
	44.500	4005	90
	50.050	4004	80
	56.875	4095	72
GST05-3	36.267	152320	4200
	46.259	163200	3528
	56.667	171360	3024
	63.467		2700
	71.238	179520	2520
	80.952	183600	2268
	91.746	184960	2016
	99.167	192780	1944
	116.277	214880	1848
	124.667	201960	1620
	145.714	220320	1512
	160.556	208080	1296
	179.067	236368	1320
	191.973	225760	1176
	224.400	242352	1080
	255.000	247860	972
	295.638	248336	840
	335.952	253980	756
GST06-1	1.600	40	25
	2.048	43	21
	2.240	56	25
	2.857	60	21
	3.500	63	18
	4.556	82	
	5.667	68	12
	7.333	88	
	8.900	89	10
	11.250	90	8
GST06-2	3.033	1365	450
	3.333	1400	420
	4.160	1560	375
	4.571	1600	350
	5.324	1677	315
	5.850	1720	294
	6.400	2240	350
	7.040	1760	250
	8.163	2400	294
	9.010	1892	210
	10.000	2520	252
	11.200		225

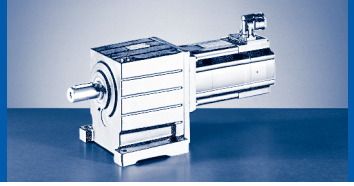


► $i_g = z_g / z_t$

	i	z_g	z_t
GST06-2	12.571	2640	210
	14.286	2700	189
	15.400	2772	180
	17.500	2835	162
	20.044	3608	180
	22.778	3690	162
	24.933	2992	120
	28.333	3060	108
	32.267	3872	120
	36.667	3960	108
	39.160	3916	100
	44.500	4005	90
	49.500	3960	80
	56.250	4050	72
GST06-3	39.200	158760	4050
	44.000	166320	3780
	51.022	206640	4050
	53.900	174636	3240
	67.760	182952	2700
	70.156	227304	3240
	80.952	183600	2268
	87.267	188496	2160
	99.167	192780	1944
	109.707	197472	1800
	124.667	201960	1620
	141.289	203456	1440
	160.556	208080	1296
	179.067	236368	1320
	203.485	241740	1188
	231.733	305888	1320
	255.000	247860	972
	290.400	313632	1080
	330.000	320760	972
	382.590	321376	840
	434.762	328680	756
GST07-1	1.625	39	24
	2.000	42	21
	2.240	56	25
	2.857	60	21
	3.500	63	18
	4.556	82	
	5.583	67	12
	7.333	88	
	8.900	89	10
	11.250	90	8

► $i_g = z_g / z_t$

	i	z_g	z_t
GST07-2	3.048	1326	435
	3.350	1360	406
	4.225	1521	360
	4.643	1560	336
	5.200	1638	315
	5.714	1680	294
	6.400	2240	350
	7.150	1716	240
	8.125	1755	216
	8.800	1848	210
	9.856	2464	250
	11.200	2520	225
	12.571	2640	210
	14.286	2700	189
	15.400	2772	180
	17.500	2835	162
	20.044	3608	180
	22.778	3690	162
	24.567	2948	120
	27.917	3015	108
	32.267	3872	120
	36.667	3960	108
	39.160	3916	100
	44.500	4005	90
	49.500	3960	80
	56.250	4050	72
GST07-3	39.200	158760	4050
	44.000	166320	3780
	51.022	206640	4050
	53.900	174636	3240
	65.079	221400	3402
	70.156	227304	3240
	79.762	180900	2268
	85.983	185724	2160
	97.708	189945	1944
	111.915	241736	2160
	127.176	247230	1944
	139.211	200464	1440
	158.194	205020	1296
	180.156	259424	1440
	204.722	265320	1296
	236.622	340736	1440
	248.458	268335	1080
	268.889	348480	1296
	326.333	352440	1080

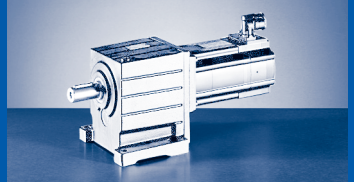


► $i_g = z_g / z_t$

	i	z_g	z_t
GST07-3	367.033	352352	960
	417.083	360360	864
GST09-1	1.560	39	25
	2.048	43	21
	2.333	56	24
	2.810	59	21
	3.444	62	18
	4.667	84	
	5.667	68	12
	7.333	88	
	8.900	89	10
	11.250	90	8
GST09-2	4.056	1521	375
	4.457	1560	350
	5.324	1677	315
	5.850	1720	294
	6.667	2240	336
	7.305	2301	315
	8.027	2360	294
	9.010	1892	210
	10.267	2464	240
	11.667	2520	216
	12.362	2596	210
	14.048	2655	189
	15.156	2728	180
	17.222	2790	162
	20.533	3696	180
	23.333	3780	162
	24.933	2992	120
	28.333	3060	108
	32.267	3872	120
	36.667	3960	108
	39.160	3916	100
	44.500	4005	90
	49.500	3960	80
	56.250	4050	72
GST09-3	40.136	159300	3969
	43.267	163548	3780
	49.167	167265	3402
	53.044	171864	3240
	60.278	175770	2916
	71.867	232848	3240
	81.667	238140	2916
	93.541	303072	3240
	99.167	192780	1944

► $i_g = z_g / z_t$

	i	z_g	z_t
GST09-3	113.585	245344	2160
	129.074	250920	1944
	141.289	203456	1440
	160.556	208080	1296
	182.844	263296	1440
	207.778	269280	1296
	236.622	340736	1440
	252.167	272340	1080
	268.889	348480	1296
	326.333	352440	1080
	363.000	348480	960
	412.500	356400	864
GST11-2	4.056	1521	375
	4.457	1560	350
	5.324	1677	315
	5.850	1720	294
	6.400	2240	350
	6.864	1716	250
	7.800	1755	225
	9.010	1892	210
	9.856	2464	250
	11.200	2520	225
	12.571	2640	210
	14.286	2700	189
	15.400	2772	180
	17.500	2835	162
	20.289	3652	180
	23.056	3735	162
	24.933	2992	120
	28.333	3060	108
	32.267	3872	120
	36.667	3960	108
	39.160	3916	100
	44.500	4005	90
	49.500	3960	80
	56.250	4050	72
GST11-3	40.816	162000	3969
	44.000	166320	3780
	50.000	170100	3402
	57.968	219120	3780
	61.250	178605	2916
	71.011	230076	3240
	80.694	235305	2916
	87.267	188496	2160
	99.167	192780	1944

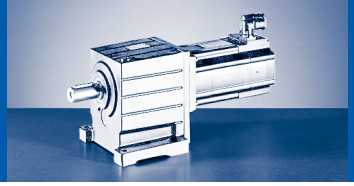


► $i_g = z_g / z_t$

	i	z_g	z_t
GST11-3	112.933	243936	2160
	129.074	250920	1944
	146.993	317504	2160
	158.194	205020	1296
	180.156	259424	1440
	207.778	269280	1296
	236.622	340736	1440
	252.167	272340	1080
	268.889	348480	1296
	326.333	352440	1080
	363.000	348480	960
	412.500	356400	864
GST14-2	4.225	1521	360
	4.643	1560	336
	5.200	1638	315
	5.714	1680	294
	6.286	2200	350
	7.150	1716	240
	8.027	2360	294
	8.800	1848	210
	9.841	2480	252
	11.000	2475	225
	12.362	2596	210
	14.048	2655	189
	15.156	2728	180
	17.222	2790	162
	20.044	3608	180
	22.778	3690	162
	24.567	2948	120
	27.917	3015	108
	32.267	3872	120
	36.667	3960	108
	39.160	3916	100
	44.500	4005	90
	49.500	3960	80
	56.250	4050	72
GST14-3	40.185	156240	3888
	42.580	160952	3780
	48.386	164610	3402
	53.148	206640	3888
	59.321	172980	2916
	69.042	223696	3240
	78.457	228780	2916
	93.541	303072	3240
	96.157	186930	1944

► $i_g = z_g / z_t$

	i	z_g	z_t
GST14-3	**106.296**	309960	2916
	130.278	253260	1944
	139.211	200464	1440
	158.194	205020	1296
	171.111	332640	1944
	204.722	265320	1296
	236.622	340736	1440
	248.458	268335	1080
	268.889	348480	1296
	326.333	352440	1080
	363.000	348480	960
	412.500	356400	864

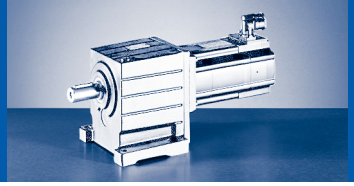


$M_{2\,GN} \leq 45$ Nm

GST03-2S				06CC41	06FC41	06IC41
				...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50
			n_1	4050	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2
			$I_{M\,400}$	1.3	1.5	1.6
			P_N	0.25	0.51	0.64
			J_M	0.17	0.25	0.33
2.597	18	0.26	M_2		3	4
			c		4.3	3.4
			$n_{2\,Eck}$		1559	1559
			$n_{2\,th}$		1559	1559
3.413	19	0.17	M_2		4	5
			c		3.5	2.8
			$n_{2\,Eck}$		1187	1187
			$n_{2\,th}$		1187	1187
4.368	21	0.12	M_2	2	5	6
			c	5.9	3.0	2.4
			$n_{2\,Eck}$	927	927	927
			$n_{2\,th}$	927	927	927
5.312	27	0.18	M_2		6	8
			c		3.1	2.5
			$n_{2\,Eck}$		762	762
			$n_{2\,th}$		762	740
5.965	29	0.17	M_2	3	7	9
			c	5.9	3.0	2.4
			$n_{2\,Eck}$	679	679	679
			$n_{2\,th}$	679	679	653
6.982	30	0.12	M_2	4	8	10
			c	5.2	2.6	2.1
			$n_{2\,Eck}$	580	580	580
			$n_{2\,th}$	580	580	580
7.840	32	0.12	M_2	4	9	11
			c	5.0	2.5	2.0
			$n_{2\,Eck}$	517	517	517
			$n_{2\,th}$	517	517	517
8.935	33	0.09	M_2	5	10	13
			c	4.5	2.3	1.8
			$n_{2\,Eck}$	453	453	453
			$n_{2\,th}$	453	453	453
10.033	35	0.09	M_2	6	12	14
			c	4.3	2.1	1.7
			$n_{2\,Eck}$	404	404	404
			$n_{2\,th}$	404	404	404
11.429	35	0.06	M_2	7	13	17
			c	3.8	1.9	1.5
			$n_{2\,Eck}$	354	354	354
			$n_{2\,th}$	354	354	354
12.833	38	0.06	M_2	7	15	19
			c	3.6	1.8	1.5
			$n_{2\,Eck}$	316	316	316
			$n_{2\,th}$	316	316	316
14.836	39	0.04	M_2	8	17	22
			c	3.2	1.6	1.3
			$n_{2\,Eck}$	273	273	273
			$n_{2\,th}$	273	273	273
16.660	41	0.04	M_2	10	19	24
			c	3.5	1.7	1.4
			$n_{2\,Eck}$	243	243	243
			$n_{2\,th}$	243	243	243

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 45$ Nm

GST03-2S				06CC41	06FC41	06IC41
				...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50
			n_1	4050	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2
			$I_{M\,400}$	1.3	1.5	1.6
			P_N	0.25	0.51	0.64
			J_M	0.17	0.25	0.33
19.013	42	0.03	M_2	11	22	28
			c	3.1	1.5	1.2
			$n_{2\,Eck}$	213	213	213
			$n_{2\,th}$	213	213	213
21.350	44	0.03	M_2	12	25	31
			c	2.9	1.5	1.2
			$n_{2\,Eck}$	190	190	190
			$n_{2\,th}$	190	190	190
24.595	45	0.02	M_2	14	29	36
			c	2.6	1.3	1.0
			$n_{2\,Eck}$	165	165	165
			$n_{2\,th}$	165	165	165
27.618	45	0.02	M_2	16	32	
			c	2.3	1.1	
			$n_{2\,Eck}$	147	147	
			$n_{2\,th}$	147	147	
32.000	45	0.01	M_2	18		
			c	2.0		
			$n_{2\,Eck}$	127		
			$n_{2\,th}$	127		
35.933	45	0.01	M_2	21		
			c	1.8		
			$n_{2\,Eck}$	113		
			$n_{2\,th}$	113		

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

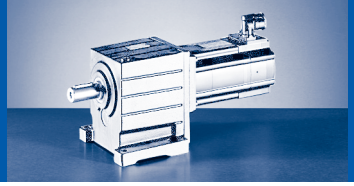
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 25$ Nm

GST04-1S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
1.600	19	0.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			2 5.8 2531 2531	4 3.8 2531 2380	5 2.9 2344 2271	6 2.3 2531 2179	7 1.9 2531 2104
2.048	23	0.19	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			3 5.4 1978 1978	5 3.5 1978 1978	6 2.7 1831 1831	8 2.1 1978 1978	9 1.8 1978 1867
2.240	25	0.17	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			3 5.4 1808 1808	5 3.5 1808 1808	7 2.7 1674 1674	8 2.1 1808 1808	10 1.8 1808 1770
2.857	25	0.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		3 5.3 1418 1418	4 4.3 1418 1418	6 2.8 1418 1418	9 2.1 1313 1313	11 1.7 1418 1418	13 1.4 1418 1418
3.500	25	0.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		4 4.3 1157 1157	5 3.5 1157 1157	8 2.3 1157 1157	11 1.7 1071 1071	13 1.4 1157 1157	15 1.2 1157 1157
4.400	25	0.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		5 3.5 921 920	6 2.8 921 920				
5.667	25	0.05	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3 5.4 715 715	7 2.7 715 715	8 2.1 715 715				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 71$ Nm

GST04-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
2.956	39	0.34	M_2				6	9	11	13
			c				4.3	3.2	2.6	2.2
			$n_{2\,Eck}$				1370	1269	1370	1370
			$n_{2\,th}$				1186	1127	1077	1041
3.333	42	0.32	M_2				7	10	12	14
			c				4.0	3.1	2.4	2.1
			$n_{2\,Eck}$				1215	1125	1215	1215
			$n_{2\,th}$				1041	989	945	912
4.053	45	0.31	M_2			6	9	12	15	18
			c			5.5	3.6	2.7	2.2	1.8
			$n_{2\,Eck}$			999	999	925	999	999
			$n_{2\,th}$			997	930	887	850	805
4.571	48	0.30	M_2			6	10	14	17	20
			c			5.2	3.4	2.6	2.0	1.7
			$n_{2\,Eck}$			886	886	820	886	886
			$n_{2\,th}$			876	816	778	746	694
5.187	50	0.22	M_2		6	7	11	15	19	23
			c		6.0	4.8	3.1	2.4	1.9	1.6
			$n_{2\,Eck}$		781	781	781	723	781	781
			$n_{2\,th}$		781	781	781	723	753	689
5.850	53	0.22	M_2		7	8	13	17	21	25
			c		5.6	4.5	2.9	2.2	1.8	1.5
			$n_{2\,Eck}$		692	692	692	641	692	692
			$n_{2\,th}$		692	692	692	641	648	594
6.400	55	0.19	M_2		7	9	14	19	23	28
			c		5.3	4.3	2.8	2.1	1.7	1.4
			$n_{2\,Eck}$		633	633	633	586	633	633
			$n_{2\,th}$		633	633	633	586	600	553
7.040	57	0.26	M_2		8	10	15	21	26	31
			c		5.0	4.0	2.6	2.0	1.6	1.3
			$n_{2\,Eck}$		575	575	575	533	575	575
			$n_{2\,th}$		565	545	506	482	431	400
8.000	59	0.26	M_2		9	11	18	24	29	35
			c		4.5	3.6	2.4	1.8	1.4	1.2
			$n_{2\,Eck}$		506	506	506	469	506	506
			$n_{2\,th}$		490	472	438	405	364	339
9.010	63	0.19	M_2		10	13	20	27	33	39
			c		4.3	3.4	2.2	1.7	1.4	1.1
			$n_{2\,Eck}$		450	450	450	416	450	450
			$n_{2\,th}$		450	450	450	412	368	341
9.856	65	0.17	M_2		11	14	22	29	36	43
			c		4.1	3.2	2.1	1.6	1.3	1.1
			$n_{2\,Eck}$		411	411	411	381	411	411
			$n_{2\,th}$		411	411	411	380	344	321
11.200	60	0.17	M_2		13	16	25	34	41	
			c		3.3	2.6	1.7	1.3	1.0	
			$n_{2\,Eck}$		362	362	362	335	362	
			$n_{2\,th}$		362	362	348	306	278	
12.571	69	0.13	M_2		14	18	28	38	46	
			c		3.4	2.7	1.8	1.4	1.1	
			$n_{2\,Eck}$		322	322	322	298	322	
			$n_{2\,th}$		322	322	322	298	291	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

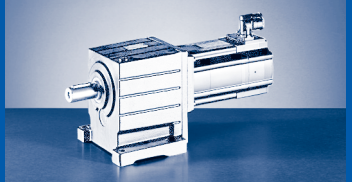
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 71$ Nm

GST04-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
14.286	61	0.12	M_2	8	16	21	32	43		
			c	5.3	2.6	2.1	1.4	1.0		
			$n_{2\,Eck}$	284	284	284	284	263		
			$n_{2\,th}$	284	284	284	280	254		
15.400	70	0.10	M_2		18	22	34	46	57	
			c		3.2	2.5	1.7	1.3	1.0	
			$n_{2\,Eck}$		263	263	263	244	263	
			$n_{2\,th}$		263	263	263	244	263	
17.500	62	0.10	M_2	10	20	25	39			
			c	4.9	2.5	2.0	1.3			
			$n_{2\,Eck}$	231	231	231	231			
			$n_{2\,th}$	231	231	231	231			
19.360	70	0.06	M_2	11	22	28				
			c	5.1	2.6	2.0				
			$n_{2\,Eck}$	209	209	209				
			$n_{2\,th}$	209	209	209				
22.000	62	0.06	M_2	12	25	32				
			c	4.0	2.0	1.6				
			$n_{2\,Eck}$	184	184	184				
			$n_{2\,th}$	184	184	184				
24.933	71	0.04	M_2	14	29	36				
			c	4.0	2.0	1.6				
			$n_{2\,Eck}$	162	162	162				
			$n_{2\,th}$	162	162	162				
28.333	63	0.04	M_2	16	33	41				
			c	3.1	1.6	1.3				
			$n_{2\,Eck}$	143	143	143				
			$n_{2\,th}$	143	143	143				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

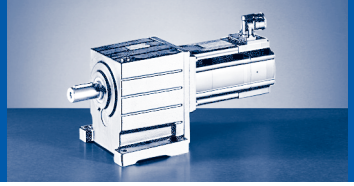


$M_{2\,GN} \leq 54$ Nm

GST05-1S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
1.600	45	0.76	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						6 5.4 2531 2236	7 4.5 2531 2168
2.048	51	0.55	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					6 6.0 1831 1831	7 4.8 1978 1862	9 4.0 1978 1809
2.048	53	0.55	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
2.240	53	0.48	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					7 5.7 1674 1674	8 4.5 1808 1748	10 3.8 1808 1699
2.857	53	0.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				6 5.9 1418 1418	8 4.5 1313 1313	10 3.6 1418 1418	12 3.0 1418 1418
3.500	41	0.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			5 5.7 1157 1157				
3.500	54	0.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				8 4.9 1157 1157	10 3.7 1071 1071	13 3.0 1157 1157	15 2.5 1157 1157
4.556	42	0.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		5 5.7 889 889	7 4.5 889 889				
4.556	54	0.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				10 3.8 889 889	14 2.9 823 823	17 2.3 889 889	20 1.9 889 889
5.667	44	0.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		6 4.7 715 715	8 3.8 715 715				
5.667	54	0.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				13 3.0 715 715	17 2.3 662 662	21 1.8 715 715	25 1.5 715 715
7.333	46	0.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		8 3.8 552 552	11 3.0 552 552				
8.900	42	0.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5 5.8 455 455	10 2.9 455 455	13 2.3 455 455				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 54$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GST05-1S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
8	7	15	12	12	21	17	M_2	0.76	45	1.600
4.7	4.7	2.8	2.8	2.8	1.9	1.9	c			
1219	2531	938	1875	2203	1219	2531	$n_{2\,Eck}$			
1219	2186	938	1875	1982	1219	1771	$n_{2\,th}$			
							M_2	0.55	51	2.048
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
11	8	20	16	15	27	22	M_2	0.55	53	2.048
4.3	4.4	2.6	2.6	2.6	1.8	1.7	c			
952	1978	733	1465	1722	952	1978	$n_{2\,Eck}$			
952	1834	733	1465	1674	952	1470	$n_{2\,th}$			
12	9	22	17	16	30	24	M_2	0.48	53	2.240
4.0	4.0	2.4	2.4	2.4	1.6	1.6	c			
871	1808	670	1339	1574	871	1808	$n_{2\,Eck}$			
871	1712	670	1339	1567	871	1351	$n_{2\,th}$			
15	12	28	22	21	38	31	M_2	0.35	53	2.857
3.1	3.2	1.9	1.9	1.9	1.3	1.2	c			
683	1418	525	1050	1234	683	1418	$n_{2\,Eck}$			
683	1418	525	1050	1234	683	1120	$n_{2\,th}$			
							M_2	0.27	41	3.500
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
19	15	34	27	26	47	38	M_2	0.27	54	3.500
2.6	2.6	1.6	1.6	1.6	1.1	1.0	c			
557	1157	429	857	1007	557	1157	$n_{2\,Eck}$			
557	1157	429	857	1007	557	969	$n_{2\,th}$			
							M_2	0.18	42	4.556
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.18	54	4.556
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.13	44	5.667
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.13	54	5.667
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.06	46	7.333
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.06	42	8.900
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

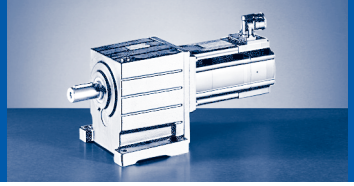
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 165$ Nm

GST05-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
2.956	63	0.99	M_2					9	11	13
			c					5.2	4.2	3.5
			$n_{2\,Eck}$					1269	1370	1370
			$n_{2\,th}$					1029	985	953
3.333	78	0.94	M_2					10	12	14
			c					5.7	4.6	3.9
			$n_{2\,Eck}$					1125	1215	1215
			$n_{2\,th}$					928	889	860
4.053	81	0.90	M_2					12	14	17
			c					4.9	3.9	3.3
			$n_{2\,Eck}$					925	999	999
			$n_{2\,th}$					869	832	806
4.571	91	0.86	M_2					13	16	19
			c					4.9	3.9	3.3
			$n_{2\,Eck}$					820	886	886
			$n_{2\,th}$					770	738	714
5.187	90	0.64	M_2				11	15	19	22
			c				5.6	4.3	3.4	2.9
			$n_{2\,Eck}$				781	723	781	781
			$n_{2\,th}$				755	721	693	672
5.850	101	0.61	M_2				12	17	21	25
			c				5.6	4.2	3.4	2.9
			$n_{2\,Eck}$				692	641	692	692
			$n_{2\,th}$				669	639	614	596
6.400	105	0.53	M_2				14	19	23	27
			c				5.3	4.0	3.2	2.7
			$n_{2\,Eck}$				633	586	633	633
			$n_{2\,th}$				627	586	576	559
7.238	108	0.40	M_2				16	21	26	31
			c				4.8	3.7	2.9	2.5
			$n_{2\,Eck}$				560	518	560	560
			$n_{2\,th}$				560	518	560	560
8.163	115	0.39	M_2				18	24	30	35
			c				4.5	3.5	2.8	2.3
			$n_{2\,Eck}$				496	459	496	496
			$n_{2\,th}$				496	459	496	496
9.010	119	0.54	M_2				19	26	33	39
			c				4.2	3.2	2.6	2.2
			$n_{2\,Eck}$				450	416	450	450
			$n_{2\,th}$				415	396	379	367
10.000	114	0.30	M_2			14				
			c			5.7				
			$n_{2\,Eck}$			405				
			$n_{2\,th}$			405				
10.000	124	0.30	M_2				22	29	36	43
			c				4.0	3.0	2.4	2.0
			$n_{2\,Eck}$				405	375	405	405
			$n_{2\,th}$				405	375	405	405
11.200	128	0.46	M_2			16	24	33	41	48
			c			5.6	3.7	2.8	2.2	1.9
			$n_{2\,Eck}$			362	362	335	362	362
			$n_{2\,th}$			362	337	322	309	294

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 165$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GST05-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
15	12	28	23	21	39	31	M_2	0.99	63	2.956
3.7	3.7	2.2	2.2	2.2	1.5	1.4	c			
660	1370	508	1015	1193	660	1370	$n_{2\,Eck}$			
660	961	508	861	863	660	708	$n_{2\,th}$			
17	13	32	26	24	43	35	M_2	0.94	78	3.333
4.0	4.0	2.4	2.4	2.4	1.6	1.6	c			
585	1215	450	900	1058	585	1215	$n_{2\,Eck}$			
585	868	450	779	781	585	659	$n_{2\,th}$			
21	16	39	31	29	53	43	M_2	0.90	81	4.053
3.4	3.5	2.1	2.1	2.1	1.4	1.4	c			
481	999	370	740	870	481	999	$n_{2\,Eck}$			
481	813	370	731	732	481	589	$n_{2\,th}$			
24	19	44	35	33	60	49	M_2	0.86	91	4.571
3.4	3.4	2.1	2.0	2.1	1.4	1.3	c			
427	886	328	656	771	427	886	$n_{2\,Eck}$			
427	720	328	647	649	427	521	$n_{2\,th}$			
27	21	50	40	37	68	55	M_2	0.64	90	5.187
3.0	3.0	1.8	1.8	1.8	1.2	1.2	c			
376	781	289	578	680	376	781	$n_{2\,Eck}$			
376	677	289	578	596	376	489	$n_{2\,th}$			
31	24	56	45	42	76	62	M_2	0.61	101	5.850
3.0	3.0	1.8	1.8	1.8	1.2	1.2	c			
333	692	256	513	603	333	692	$n_{2\,Eck}$			
333	601	256	513	528	333	433	$n_{2\,th}$			
34	26	62	49	46	84	68	M_2	0.53	105	6.400
2.8	2.8	1.7	1.7	1.7	1.2	1.1	c			
305	633	234	469	551	305	633	$n_{2\,Eck}$			
305	564	234	469	490	305	408	$n_{2\,th}$			
38	30	70	56	52	95	77	M_2	0.40	108	7.238
2.6	2.6	1.5	1.5	1.6	1.1	1.0	c			
269	560	207	415	487	269	560	$n_{2\,Eck}$			
269	560	207	414	487	269	407	$n_{2\,th}$			
43	34	79	63	59			M_2	0.39	115	8.163
2.4	2.4	1.5	1.4	1.5			c			
239	496	184	368	432			$n_{2\,Eck}$			
239	496	184	368	424			$n_{2\,th}$			
47	37	87	70	65			M_2	0.54	119	9.010
2.3	2.3	1.4	1.4	1.4			c			
216	450	167	333	391			$n_{2\,Eck}$			
216	371	166	300	301			$n_{2\,th}$			
							M_2	0.30	114	10.000
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
53	41	97	77	73			M_2	0.30	124	10.000
2.1	2.1	1.3	1.3	1.3			c			
195	405	150	300	353			$n_{2\,Eck}$			
195	405	150	300	353			$n_{2\,th}$			
59	46	108	87	81			M_2	0.46	128	11.200
2.0	2.0	1.2	1.2	1.2			c			
174	362	134	268	315			$n_{2\,Eck}$			
174	301	134	238	239			$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

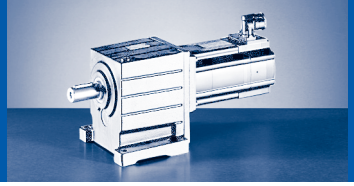
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 165$ Nm

GST05-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
13.016	119	0.18	M_2		14	18				
			c		5.7	4.5				
			$n_{2\,Eck}$		311	311				
			$n_{2\,th}$		311	311				
13.016	137	0.18	M_2				28	39	47	56
			c				3.4	2.6	2.1	1.7
			$n_{2\,Eck}$				311	288	311	311
			$n_{2\,th}$				311	288	311	311
14.356	110	0.13	M_2		16	20				
			c		4.7	3.8				
			$n_{2\,Eck}$		282	282				
			$n_{2\,th}$		282	282				
14.356	140	0.13	M_2				31	43	52	62
			c				3.1	2.4	1.9	1.6
			$n_{2\,Eck}$				282	261	282	282
			$n_{2\,th}$				282	261	282	282
16.190	124	0.13	M_2		18	23				
			c		5.4	4.3				
			$n_{2\,Eck}$		250	250				
			$n_{2\,th}$		250	250				
16.190	148	0.13	M_2				35	48	59	70
			c				3.4	2.6	2.0	1.7
			$n_{2\,Eck}$				250	232	250	250
			$n_{2\,th}$				250	232	250	250
17.500	142	0.27	M_2		19	25	38	52	64	76
			c		5.7	4.6	3.0	2.3	1.8	1.5
			$n_{2\,Eck}$		231	231	231	214	231	231
			$n_{2\,th}$		231	231	231	214	231	226
20.044	159	0.16	M_2		22	28	44	60	73	87
			c		5.6	4.5	2.9	2.2	1.8	1.5
			$n_{2\,Eck}$		202	202	202	187	202	202
			$n_{2\,th}$		202	202	202	187	202	202
22.778	144	0.16	M_2		26	32	50	68	84	99
			c		4.4	3.5	2.3	1.8	1.4	1.2
			$n_{2\,Eck}$		178	178	178	165	178	178
			$n_{2\,th}$		178	178	178	165	178	178
24.933	162	0.12	M_2		28	35	55	74	92	109
			c		4.6	3.6	2.4	1.8	1.4	1.2
			$n_{2\,Eck}$		162	162	162	150	162	162
			$n_{2\,th}$		162	162	162	150	162	162
28.333	147	0.12	M_2		32	40	63	85	104	
			c		3.6	2.9	1.9	1.4	1.2	
			$n_{2\,Eck}$		143	143	143	132	143	
			$n_{2\,th}$		143	143	143	132	143	
32.267	164	0.08	M_2		37	46				
			c		3.6	2.9				
			$n_{2\,Eck}$		126	126				
			$n_{2\,th}$		126	126				
36.667	148	0.08	M_2	20	42	53				
			c	5.7	2.8	2.3				
			$n_{2\,Eck}$	111	111	111				
			$n_{2\,th}$	110	110	110				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 165$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GST05-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.18	119	13.016
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.18	137	13.016
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.13	110	14.356
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.13	140	14.356
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.13	124	16.190
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.13	148	16.190
93 1.5 111 111	73 1.6 231 231						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.27	142	17.500
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.16	159	20.044
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.16	144	22.778
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.12	162	24.933
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.12	147	28.333
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.08	164	32.267
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.08	148	36.667

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

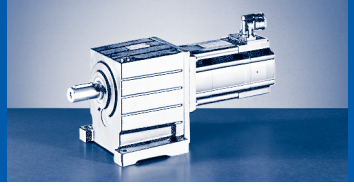
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 165$ Nm

GST05-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
39.160	165	0.06	M_2	22	45	56				
			c	5.9	3.0	2.4				
			$n_{2\,Eck}$	103	103	103				
			$n_{2\,th}$	103	103	103				
44.500	149	0.06	M_2	25	51	64				
			c	5.2	2.6	2.1				
			$n_{2\,Eck}$	91	91	91				
			$n_{2\,th}$	91	91	91				

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\ GN} \leq 165$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GST05-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\ GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\ 230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\ 400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
							M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.06	165	39.160
							M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.06	149	44.500

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

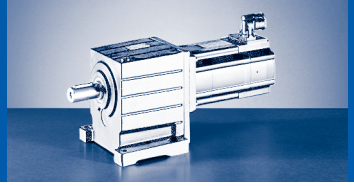
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 171$ Nm

GST05-3S				06CC41	06FC41	06IC41	09DC41	09FC38
				...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10
			n_1	4050	4050	4050	4050	3750
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5
			P_N	0.25	0.51	0.64	1.00	1.20
			J_M	0.17	0.25	0.33	1.13	1.53
36.267	134	0.20	M_2	20	41	51	79	107
			c	5.3	2.6	2.1	1.4	1.1
			$n_{2\,Eck}$	112	112	112	112	103
			$n_{2\,th}$	112	112	112	112	103
46.259	145	0.14	M_2	25	52	66	101	
			c	5.0	2.5	2.0	1.3	
			$n_{2\,Eck}$	88	88	88	88	
			$n_{2\,th}$	88	88	88	88	
56.667	155	0.11	M_2	31	64	81	124	
			c	4.3	2.2	1.7	1.1	
			$n_{2\,Eck}$	72	72	72	72	
			$n_{2\,th}$	71	71	71	71	
63.467	146	0.19	M_2	35	72	91		
			c	3.6	1.8	1.5		
			$n_{2\,Eck}$	64	64	64		
			$n_{2\,th}$	64	64	64		
71.238	167	0.07	M_2	40	81	102		
			c	3.7	1.9	1.5		
			$n_{2\,Eck}$	57	57	57		
			$n_{2\,th}$	57	57	57		
80.952	147	0.14	M_2	46	92	116		
			c	2.9	1.4	1.2		
			$n_{2\,Eck}$	50	50	50		
			$n_{2\,th}$	50	50	50		
91.746	171	0.05	M_2	52	105	131		
			c	2.9	1.5	1.2		
			$n_{2\,Eck}$	44	44	44		
			$n_{2\,th}$	44	44	44		
99.167	148	0.11	M_2	56	114			
			c	2.4	1.2			
			$n_{2\,Eck}$	41	41			
			$n_{2\,th}$	41	41			
124.667	149	0.07	M_2	71				
			c	1.9				
			$n_{2\,Eck}$	33				
			$n_{2\,th}$	32				
160.556	150	0.05	M_2	92				
			c	1.5				
			$n_{2\,Eck}$	25				
			$n_{2\,th}$	25				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

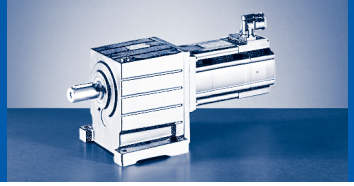


$M_{2\,GN} \leq 105$ Nm

GST06-1S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
1.600	61	2.01	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									15 3.9 938 938	12 3.9 1875 1759
2.048	63	1.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					7 5.9 1978 1725	9 5.0 1978 1672				
2.048	72	1.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							11 6.0 952 952	8 6.0 1978 1730	20 3.6 733 733	16 3.6 1465 1465
2.240	66	1.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					8 5.6 1808 1612	10 4.8 1808 1564				
2.240	79	1.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							12 5.9 871 871	9 5.9 1808 1627	21 3.6 670 670	17 3.5 1339 1339
2.857	71	0.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				8 6.0 1313 1313	10 4.8 1418 1346	12 4.0 1418 1309				
2.857	91	0.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							15 5.4 683 683	12 5.4 1418 1376	28 3.3 525 525	22 3.2 1050 1050
2.857	92	0.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
3.500	74	0.74	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				10 5.1 1071 1071	13 4.1 1157 1157	15 3.4 1157 1157				
3.500	96	0.74	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							18 4.6 557 557	14 4.7 1157 1157	34 2.8 429 429	27 2.8 857 857
3.500	105	0.74	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
4.556	52	0.48	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		6 5.6 889 889								
4.556	78	0.48	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			10 5.4 889 889	13 4.1 823 823	17 3.3 889 889	20 2.8 889 889				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 105$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST06-1S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
11	21	17	14	11	25	22	36	27	47	33	M_2	2.01	61	1.600
3.9	2.6	2.5	4.2	3.9	2.4	2.2	1.7	1.8	1.3	1.4	c			
2203	1219	2531	938	2250	938	2016	938	2016	844	2016	$n_{2\,Eck}$			
1763	1219	1610	938	1760	938	1551	938	1421	844	1274	$n_{2\,th}$			
											M_2	1.46	63	2.048
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
15	27	22	18	15	32	28	46	34	60	42	M_2	1.46	72	2.048
3.6	2.4	2.3	3.9	3.6	2.2	2.0	1.6	1.6	1.2	1.3	c			
1722	952	1978	733	1758	733	1575	733	1575	659	1575	$n_{2\,Eck}$			
1570	952	1436	733	1568	733	1390	733	1230	659	1103	$n_{2\,th}$			
											M_2	1.27	66	2.240
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
16	29	24	20	16	35	31	50	38	66	46	M_2	1.27	79	2.240
3.6	2.4	2.3	3.9	3.5	2.2	2.0	1.6	1.6	1.2	1.3	c			
1574	871	1808	670	1607	670	1440	670	1440	603	1440	$n_{2\,Eck}$			
1482	871	1359	670	1480	670	1313	670	1167	603	1053	$n_{2\,th}$			
											M_2	0.97	71	2.857
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
21	38	31									M_2	0.97	91	2.857
3.3	2.2	2.1									c			
1234	683	1418									$n_{2\,Eck}$			
1234	683	1166									$n_{2\,th}$			
			25	21	45	39	64	48	84	59	M_2	0.97	92	2.857
			3.6	3.3	2.1	1.8	1.4	1.5	1.1	1.2	c			
			525	1260	525	1129	525	1129	473	1129	$n_{2\,Eck}$			
			525	1257	525	1103	525	998	473	914	$n_{2\,th}$			
											M_2	0.74	74	3.500
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
25	46	38									M_2	0.74	96	3.500
2.8	1.9	1.8									c			
1007	557	1157									$n_{2\,Eck}$			
1007	557	1060									$n_{2\,th}$			
			31	25	55	48	79	59	103	72	M_2	0.74	105	3.500
			3.3	3.0	1.9	1.7	1.3	1.4	1.0	1.1	c			
			429	1029	429	921	429	921	386	921	$n_{2\,Eck}$			
			429	1026	429	921	429	913	386	833	$n_{2\,th}$			
											M_2	0.48	52	4.556
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
											M_2	0.48	78	4.556
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

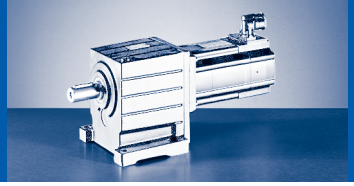
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 105$ Nm

GST06-1S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
4.556	100	0.48	M_2							24	19	44	35
			c							3.7	3.7	2.2	2.2
			$n_{2\,Eck}$							428	889	329	659
			$n_{2\,th}$							428	889	329	659
5.667	54	0.36	M_2	6	8								
			c	5.8	4.7								
			$n_{2\,Eck}$	715	715								
			$n_{2\,th}$	715	715								
5.667	81	0.36	M_2			12	17	21	25				
			c			4.5	3.4	2.7	2.3				
			$n_{2\,Eck}$			715	662	715	715				
			$n_{2\,th}$			715	662	715	715				
5.667	104	0.36	M_2							30	23	55	44
			c							3.1	3.1	1.9	1.9
			$n_{2\,Eck}$							344	715	265	529
			$n_{2\,th}$							344	715	265	529
7.333	56	0.23	M_2	8	11								
			c	4.7	3.7								
			$n_{2\,Eck}$	552	552								
			$n_{2\,th}$	552	552								
7.333	83	0.23	M_2			16	22	27	32				
			c			3.6	2.8	2.2	1.8				
			$n_{2\,Eck}$			552	511	552	552				
			$n_{2\,th}$			552	511	552	552				
8.900	57	0.17	M_2	10	13								
			c	3.9	3.1								
			$n_{2\,Eck}$	455	455								
			$n_{2\,th}$	455	455								
8.900	84	0.17	M_2			20	27	33	39				
			c			3.0	2.3	1.8	1.5				
			$n_{2\,Eck}$			455	421	455	455				
			$n_{2\,th}$			455	421	455	455				
11.250	56	0.11	M_2	13	16								
			c	3.1	2.4								
			$n_{2\,Eck}$	360	360								
			$n_{2\,th}$	360	360								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 105$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST06-1S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
33 2.2 774 774	60 1.5 428 428	49 1.5 889 848									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.48	100	4.556
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.36	54	5.667
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.36	81	5.667
41 1.9 622 622	75 1.3 344 344	61 1.2 715 715									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.36	104	5.667
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.23	56	7.333
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.23	83	7.333
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.17	57	8.900
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.17	84	8.900
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.11	56	11.250

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

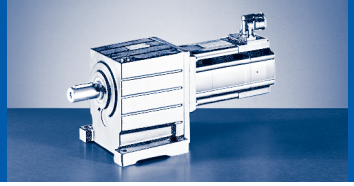
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 366$ Nm

GST06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
3.033	166	2.72	M_2									28	22
			c									5.7	5.6
			$n_{2\,Eck}$									495	989
			$n_{2\,th}$									495	862
3.333	174	2.61	M_2									31	25
			c									5.4	5.3
			$n_{2\,Eck}$									450	900
			$n_{2\,th}$									450	777
4.160	191	2.51	M_2									39	31
			c									4.7	4.7
			$n_{2\,Eck}$									361	721
			$n_{2\,th}$									361	703
4.571	200	2.41	M_2									43	34
			c									4.5	4.5
			$n_{2\,Eck}$									328	656
			$n_{2\,th}$									328	634
5.324	161	1.76	M_2					19	22				
			c					5.9	5.0				
			$n_{2\,Eck}$					761	761				
			$n_{2\,th}$					663	643				
5.324	207	1.76	M_2									50	40
			c									4.0	4.0
			$n_{2\,Eck}$									282	564
			$n_{2\,th}$									282	564
5.850	177	1.71	M_2					20	24				
			c					5.9	5.0				
			$n_{2\,Eck}$					692	692				
			$n_{2\,th}$					604	585				
5.850	222	1.71	M_2									55	44
			c									3.9	3.9
			$n_{2\,Eck}$									256	513
			$n_{2\,th}$									256	513
6.400	185	1.47	M_2					22	27				
			c					5.6	4.8				
			$n_{2\,Eck}$					633	633				
			$n_{2\,th}$					564	547				
6.400	229	1.47	M_2									60	48
			c									3.7	3.7
			$n_{2\,Eck}$									234	469
			$n_{2\,th}$									234	469
7.040	236	2.07	M_2							36	28	67	53
			c							5.8	5.8	3.5	3.4
			$n_{2\,Eck}$							277	575	213	426
			$n_{2\,th}$							277	432	213	390
8.163	199	1.06	M_2				23	29	35				
			c				6.0	4.8	4.0				
			$n_{2\,Eck}$				459	496	496				
			$n_{2\,th}$				459	471	458				
8.163	252	1.06	M_2							42	33	77	62
			c							5.3	5.3	3.2	3.2
			$n_{2\,Eck}$							239	496	184	368
			$n_{2\,th}$							239	480	184	368

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 366$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
21	39	31		21	46	40	67	50	87	61	M_2	2.72	166	3.033
5.7	3.8	3.7		5.6	3.5	3.1	2.5	2.6	1.9	2.1	c			
1162	643	1335		1187	495	1063	495	1063	445	1063	$n_{2\,Eck}$			
864	643	791		862	495	764	495	729	445	696	$n_{2\,th}$			
23	42	35	28	23	50	44	73	55	96	67	M_2	2.61	174	3.333
5.4	3.7	3.5	5.9	5.4	3.4	3.0	2.3	2.4	1.8	2.0	c			
1058	585	1215	450	1080	450	968	450	968	405	968	$n_{2\,Eck}$			
778	585	713	450	777	450	687	450	656	405	628	$n_{2\,th}$			
29	53	43	36	29	63	56	92	69	120	84	M_2	2.51	191	4.160
4.8	3.2	3.1	5.2	4.7	3.0	2.6	2.1	2.1	1.6	1.8	c			
847	469	974	361	865	361	775	361	775	325	775	$n_{2\,Eck}$			
705	469	646	361	704	361	623	361	595	325	545	$n_{2\,th}$			
32	59	48	39	32	70	61	101	75	132	93	M_2	2.41	200	4.571
4.5	3.1	2.9	4.9	4.5	2.8	2.5	2.0	2.0	1.5	1.7	c			
771	427	886	328	788	328	706	328	706	295	706	$n_{2\,Eck}$			
635	427	582	328	634	328	561	328	535	295	482	$n_{2\,th}$			
											M_2	1.76	161	5.324
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
38	68	56	46	38	81	71	118	88	154	108	M_2	1.76	207	5.324
4.0	2.7	2.6	4.4	4.0	2.5	2.2	1.8	1.8	1.3	1.5	c			
662	366	761	282	676	282	606	282	606	254	606	$n_{2\,Eck}$			
617	366	566	282	617	282	546	282	505	254	450	$n_{2\,th}$			
											M_2	1.71	177	5.850
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
41	75	61	50	41	89	79	130	97	170	119	M_2	1.71	222	5.850
3.9	2.7	2.6	4.3	3.9	2.4	2.2	1.7	1.8	1.3	1.4	c			
603	333	692	256	615	256	551	256	551	231	551	$n_{2\,Eck}$			
559	333	512	256	558	256	494	256	452	231	404	$n_{2\,th}$			
											M_2	1.47	185	6.400
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
45	83	67	55	45	98	86	142	106	186	130	M_2	1.47	229	6.400
3.7	2.5	2.4	4.0	3.7	2.3	2.0	1.6	1.7	1.2	1.4	c			
551	305	633	234	563	234	504	234	504	211	504	$n_{2\,Eck}$			
522	305	479	234	522	234	463	234	417	211	375	$n_{2\,th}$			
50	91	74	61	50	108	95	156	117	205	143	M_2	2.07	236	7.040
3.5	2.4	2.3	3.8	3.4	2.2	1.9	1.5	1.6	1.2	1.3	c			
501	277	575	213	511	213	458	213	458	192	458	$n_{2\,Eck}$			
391	277	356	213	390	213	340	213	302	192	273	$n_{2\,th}$			
											M_2	1.06	199	8.163
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
58	106	86	71	58	125	110	181	136	237	166	M_2	1.06	252	8.163
3.2	2.2	2.1	3.5	3.2	2.0	1.8	1.4	1.4	1.1	1.2	c			
432	239	496	184	441	184	395	184	395	165	395	$n_{2\,Eck}$			
432	239	406	184	439	184	380	184	344	165	316	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

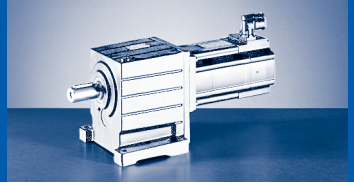
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 366$ Nm

GST06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
9.010	261	1.50	M_2					32	38	46	36	86	69
			c					5.6	4.8	5.0	5.0	3.0	3.0
			$n_{2\,Eck}$					450	450	216	450	167	333
			$n_{2\,th}$					389	377	216	380	166	333
10.000	209	0.82	M_2				29	36	43				
			c				5.1	4.1	3.4				
			$n_{2\,Eck}$				375	405	405				
			$n_{2\,th}$				375	405	405				
10.000	269	0.82	M_2							51	40	95	76
			c							4.6	4.6	2.8	2.8
			$n_{2\,Eck}$							195	405	150	300
			$n_{2\,th}$							195	405	150	300
11.200	280	1.26	M_2					40	47	58	45	107	86
			c					4.9	4.1	4.3	4.3	2.6	2.6
			$n_{2\,Eck}$					362	362	174	362	134	268
			$n_{2\,th}$					314	304	174	307	134	268
12.571	295	0.96	M_2				36	45	53	65	51	120	96
			c				5.8	4.6	3.9	4.0	4.0	2.4	2.4
			$n_{2\,Eck}$				298	322	322	155	322	119	239
			$n_{2\,th}$				298	304	295	155	298	119	239
14.286	307	0.93	M_2				41	51	61	74	58	137	110
			c				5.3	4.2	3.5	3.7	3.7	2.2	2.2
			$n_{2\,Eck}$				263	284	284	137	284	105	210
			$n_{2\,th}$				263	264	256	137	258	105	210
15.400	318	0.75	M_2				44	55	65	80	62	148	118
			c				5.8	4.6	3.9	3.9	4.0	2.1	2.4
			$n_{2\,Eck}$				244	263	263	127	263	97	195
			$n_{2\,th}$				244	263	263	127	263	97	195
17.500	313	0.73	M_2				50	63	75	91	71	168	134
			c				5.0	4.0	3.3	3.4	3.5	1.8	2.1
			$n_{2\,Eck}$				214	231	231	111	231	86	171
			$n_{2\,th}$				214	231	231	111	231	86	171
20.044	336	0.46	M_2				58	72	86				
			c				4.7	3.7	3.1				
			$n_{2\,Eck}$				187	202	202				
			$n_{2\,th}$				187	202	202				
20.044	350	0.46	M_2							104	82	193	154
			c							3.3	3.4	1.8	2.0
			$n_{2\,Eck}$							97	202	75	150
			$n_{2\,th}$							97	202	75	150
22.778	315	0.45	M_2			49	66	82	98	120	93	220	176
			c			5.1	3.9	3.1	2.6	2.6	2.7	1.4	1.6
			$n_{2\,Eck}$			178	165	178	178	86	178	66	132
			$n_{2\,th}$			178	165	178	178	86	178	66	132
24.933	236	0.33	M_2		35								
			c		5.3								
			$n_{2\,Eck}$		162								
			$n_{2\,th}$		162								
24.933	349	0.33	M_2			53	73	90	107				
			c			5.1	3.9	3.1	2.6				
			$n_{2\,Eck}$			162	150	162	162				
			$n_{2\,th}$			162	150	162	162				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 366$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
64	117	95	79	64	139	122	200	150		183	M_2	1.50	261	9.010
3.0	2.0	2.0	3.2	3.0	1.9	1.7	1.3	1.4		1.1	c			
391	216	450	167	400	167	358	167	358		358	$n_{2\,Eck}$			
344	216	312	166	343	166	283	166	253		229	$n_{2\,th}$			
											M_2	0.82	209	10.000
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
71	130	106	87	71	154	135	223	166		204	M_2	0.82	269	10.000
2.8	1.9	1.8	3.0	2.8	1.7	1.5	1.2	1.3		1.0	c			
353	195	405	150	360	150	323	150	323		323	$n_{2\,Eck}$			
353	195	370	150	359	150	323	150	306		280	$n_{2\,th}$			
80	146	119	98	80	173	151	250	187			M_2	1.26	280	11.200
2.6	1.8	1.7	2.8	2.6	1.6	1.4	1.1	1.2			c			
315	174	362	134	321	134	288	134	288			$n_{2\,Eck}$			
278	174	240	134	278	134	220	134	199			$n_{2\,th}$			
90	164	133	110	90	194	170	280	210			M_2	0.96	295	12.571
2.4	1.6	1.6	2.6	2.4	1.5	1.3	1.1	1.1			c			
280	155	322	119	286	119	257	119	257			$n_{2\,Eck}$			
272	155	234	119	271	119	217	119	199			$n_{2\,th}$			
103	186	152	126	103	221	194					M_2	0.93	307	14.286
2.2	1.5	1.4	2.4	2.2	1.4	1.2					c			
247	137	284	105	252	105	226					$n_{2\,Eck}$			
235	137	197	105	235	105	184					$n_{2\,th}$			
110	201	163	136	110	238	208		257			M_2	0.75	318	15.400
2.4	1.6	1.6	2.3	2.4	1.3	1.3		1.1			c			
229	127	263	97	234	97	209		209			$n_{2\,Eck}$			
229	127	223	97	233	97	205		187			$n_{2\,th}$			
126	228	186	155	126	271	237					M_2	0.73	313	17.500
2.1	1.4	1.4	2.0	2.1	1.2	1.2					c			
201	111	231	86	206	86	184					$n_{2\,Eck}$			
201	111	183	86	205	86	169					$n_{2\,th}$			
											M_2	0.46	336	20.044
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
144	262	213									M_2	0.46	350	20.044
2.1	1.3	1.3									c			
176	97	202									$n_{2\,Eck}$			
176	97	186									$n_{2\,th}$			
165	298	243									M_2	0.45	315	22.778
1.6	1.1	1.1									c			
155	86	178									$n_{2\,Eck}$			
155	86	150									$n_{2\,th}$			
											M_2	0.33	236	24.933
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
											M_2	0.33	349	24.933
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

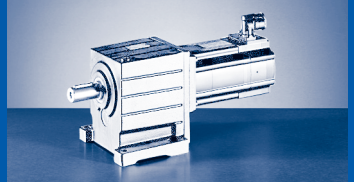
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 366$ Nm

GST06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
24.933	360	0.33	M_2							131	102	241	192
			c							2.7	2.8	1.5	1.7
			$n_{2\,Eck}$							78	162	60	120
			$n_{2\,th}$							78	162	60	120
28.333	268	0.33	M_2		39								
			c		5.3								
			$n_{2\,Eck}$		143								
			$n_{2\,th}$		143								
28.333	317	0.33	M_2			61	83	103	122	149	117	274	219
			c			4.1	3.1	2.5	2.1	2.1	2.2	1.2	1.3
			$n_{2\,Eck}$			143	132	143	143	69	143	53	106
			$n_{2\,th}$			143	132	143	143	69	143	53	106
32.267	245	0.22	M_2	36	45								
			c	5.3	4.3								
			$n_{2\,Eck}$	126	126								
			$n_{2\,th}$	126	126								
32.267	362	0.22	M_2			70	95	117	139				
			c			4.1	3.1	2.5	2.1				
			$n_{2\,Eck}$			126	116	126	126				
			$n_{2\,th}$			126	116	126	126				
36.667	278	0.22	M_2	41	52								
			c	5.3	4.3								
			$n_{2\,Eck}$	111	111								
			$n_{2\,th}$	110	110								
36.667	322	0.22	M_2			80	109	134	159				
			c			3.2	2.4	1.9	1.6				
			$n_{2\,Eck}$			111	102	111	111				
			$n_{2\,th}$			110	102	110	110				
39.160	247	0.16	M_2	44	55								
			c	4.4	3.5								
			$n_{2\,Eck}$	103	103								
			$n_{2\,th}$	103	103								
39.160	366	0.16	M_2			85	116	143	170				
			c			3.4	2.6	2.1	1.8				
			$n_{2\,Eck}$			103	96	103	103				
			$n_{2\,th}$			103	96	103	103				
44.500	281	0.16	M_2	50	63								
			c	4.9	3.9								
			$n_{2\,Eck}$	91	91								
			$n_{2\,th}$	91	91								
44.500	325	0.16	M_2			97	132	163	193				
			c			3.0	2.3	1.8	1.5				
			$n_{2\,Eck}$			91	84	91	91				
			$n_{2\,th}$			91	84	91	91				
49.500	245	0.11	M_2	56	71								
			c	3.8	3.1								
			$n_{2\,Eck}$	82	82								
			$n_{2\,th}$	82	82								
56.250	278	0.11	M_2	64	80								
			c	3.8	3.1								
			$n_{2\,Eck}$	72	72								
			$n_{2\,th}$	72	72								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 366$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
180 1.7 141 141	326 1.1 78 78	266 1.1 162 162									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	360	24.933
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	268	28.333
206 1.3 124 124											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	317	28.333
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.22	245	32.267
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.22	362	32.267
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.22	278	36.667
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.22	322	36.667
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.16	247	39.160
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.16	366	39.160
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.16	281	44.500
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.16	325	44.500
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.11	245	49.500
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.11	278	56.250

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

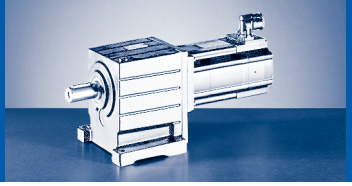
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 375$ Nm

GST06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
39.200	321	0.36	M_2		43	54	84	115	141	168
			c		5.8	4.7	3.0	2.3	1.8	1.6
			$n_{2\,Eck}$		103	103	103	96	103	103
			$n_{2\,th}$		103	103	103	96	103	103
44.000	335	0.20	M_2			61	95	128	158	188
			c			4.8	3.1	2.4	1.9	1.6
			$n_{2\,Eck}$			92	92	85	92	92
			$n_{2\,th}$			92	92	85	92	92
51.022	325	0.32	M_2		56	71	110	150	184	219
			c		5.0	4.0	2.6	2.0	1.6	1.3
			$n_{2\,Eck}$		79	79	79	74	79	79
			$n_{2\,th}$		79	79	79	74	79	79
53.900	349	0.18	M_2		59	75	116	158	194	231
			c		5.1	4.1	2.7	2.0	1.6	1.4
			$n_{2\,Eck}$		75	75	75	70	75	75
			$n_{2\,th}$		75	75	75	70	75	75
67.760	365	0.11	M_2		75	95				
			c		4.3	3.4				
			$n_{2\,Eck}$		60	60				
			$n_{2\,th}$		60	60				
70.156	359	0.16	M_2		78	98	152	207	254	301
			c		4.0	3.2	2.1	1.6	1.3	1.1
			$n_{2\,Eck}$		58	58	58	54	58	58
			$n_{2\,th}$		58	58	58	53	58	58
80.952	332	0.20	M_2		91	114	177	239	294	
			c		3.2	2.6	1.7	1.3	1.0	
			$n_{2\,Eck}$		50	50	50	46	50	
			$n_{2\,th}$		50	50	50	46	50	
87.267	370	0.15	M_2		98	123	190	258	317	
			c		3.3	2.7	1.7	1.3	1.1	
			$n_{2\,Eck}$		46	46	46	43	46	
			$n_{2\,th}$		46	46	46	43	46	
99.167	336	0.15	M_2	54	112	140	217	294		
			c	5.3	2.7	2.1	1.4	1.1		
			$n_{2\,Eck}$	41	41	41	41	38		
			$n_{2\,th}$	41	41	41	41	38		
109.707	375	0.10	M_2	60	124	155				
			c	5.4	2.7	2.2				
			$n_{2\,Eck}$	37	37	37				
			$n_{2\,th}$	37	37	37				
124.667	339	0.10	M_2	69	141	177				
			c	4.3	2.2	1.7				
			$n_{2\,Eck}$	33	33	33				
			$n_{2\,th}$	32	32	32				
141.289	375	0.06	M_2	78	160	201				
			c	4.2	2.1	1.7				
			$n_{2\,Eck}$	29	29	29				
			$n_{2\,th}$	29	29	29				
160.556	342	0.06	M_2	90	183	229				
			c	3.4	1.7	1.3				
			$n_{2\,Eck}$	25	25	25				
			$n_{2\,th}$	25	25	25				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

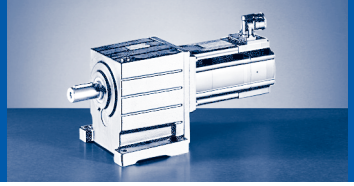


$M_{2\,GN} \leq 196$ Nm

GST07-1S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
1.625	106	6.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
2.000	99	4.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							19 5.0 750 750	15 5.0 1500 1422	14 5.1 1763 1425	26 3.4 975 975	21 3.3 2025 1303	
2.000	124	4.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
2.240	105	4.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							21 4.8 670 670	17 4.7 1339 1306	16 4.8 1574 1308	29 3.2 871 871	24 3.1 1808 1199	
2.240	135	4.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
2.857	88	2.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			10 5.9 1418 1243	12 5.0 1418 1206								
2.857	113	2.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							27 4.0 525 525	22 4.0 1050 1050	20 4.0 1234 1158	37 2.7 683 683	30 2.6 1418 1062	
2.857	156	2.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
3.500	119	2.15	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					18 5.7 557 557	14 5.8 1157 1093	34 3.5 429 429	27 3.4 857 857	25 3.5 1007 1000	46 2.3 557 557	37 2.3 1157 922	
3.500	172	2.15	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												30 5.4 429 429
4.556	96	1.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		13 5.1 823 823	17 4.1 889 889	20 3.4 889 889								
4.556	124	1.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					24 4.6 428 428	19 4.6 889 889	44 2.8 329 329	35 2.7 659 659	33 2.8 774 774	60 1.9 428 428	49 1.8 889 804	
4.556	186	1.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												40 4.5 329 329

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 196$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST07-1S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
	25	22	36	27	47	33	43	33	64	46	81	51	M_2	6.12	106	1.625
	4.1	3.7	2.9	3.0	2.2	2.5	2.5	2.5	1.7	1.8	1.3	1.6	c			
	923	1985	923	1985	831	1985	877	1846	877	1846	831	1846	$n_{2\,Eck}$			
	923	1451	923	1387	831	1324	877	1331	877	1196	831	1128	$n_{2\,th}$			
													M_2	4.78	99	2.000
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
	31	27	45	33	58	41	52	41	78	57	100	63	M_2	4.78	124	2.000
	3.9	3.5	2.7	2.8	2.1	2.3	2.3	2.4	1.6	1.7	1.2	1.6	c			
	750	1613	750	1613	675	1613	713	1500	713	1500	675	1500	$n_{2\,Eck}$			
	750	1319	750	1260	675	1203	713	1105	713	1065	675	1006	$n_{2\,th}$			
													M_2	4.02	105	2.240
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
	34	30	50	37	65	46	59	46	88	64	112	70	M_2	4.02	135	2.240
	3.8	3.4	2.7	2.8	2.0	2.3	2.3	2.3	1.5	1.7	1.2	1.5	c			
	670	1440	670	1440	603	1440	636	1339	636	1339	603	1339	$n_{2\,Eck}$			
	670	1220	670	1167	603	1117	636	987	636	984	603	932	$n_{2\,th}$			
													M_2	2.69	88	2.857
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	2.69	113	2.857
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
20	44	39	64	48	84	58							M_2	2.69	156	2.857
5.5	3.5	3.1	2.4	2.5	1.9	2.1							c			
1260	525	1129	525	1129	473	1129							$n_{2\,Eck}$			
1229	525	1098	525	1051	473	1007							$n_{2\,th}$			
													M_2	2.15	119	3.500
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
25	54	47	78	59	103	72							M_2	2.15	172	3.500
5.0	3.1	2.8	2.2	2.3	1.7	1.8							c			
1029	429	921	429	921	386	921							$n_{2\,Eck}$			
1026	429	921	429	921	386	865							$n_{2\,th}$			
													M_2	1.37	96	4.556
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	1.37	124	4.556
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
33	71	62	102	77	134	94							M_2	1.37	186	4.556
4.1	2.6	2.3	1.8	1.9	1.4	1.5							c			
790	329	708	329	708	296	708							$n_{2\,Eck}$			
788	329	708	329	708	296	708							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

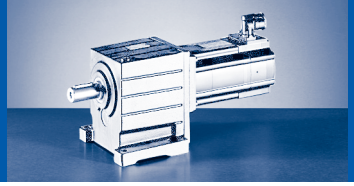
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 196$ Nm

GST07-1S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
5.583	101	1.05	M_2	12	16	20	24								
			c	5.7	4.4	3.5	2.9								
			$n_{2\,Eck}$	725	672	725	725								
			$n_{2\,th}$	725	672	725	725								
5.583	130	1.05	M_2					29	23	54	43	41	74	60	
			c					3.9	4.0	2.4	2.4	2.4	1.6	1.5	
			$n_{2\,Eck}$					349	725	269	537	631	349	725	
			$n_{2\,th}$					349	725	269	537	631	349	682	
5.583	196	1.05	M_2												49
			c												3.9
			$n_{2\,Eck}$												269
			$n_{2\,th}$												269
7.333	104	0.66	M_2	16	22	27	32								
			c	4.5	3.4	2.7	2.3								
			$n_{2\,Eck}$	552	511	552	552								
			$n_{2\,th}$	552	511	552	552								
7.333	134	0.66	M_2					39	30	72	57	54	97	79	
			c					3.1	3.1	1.9	1.8	1.9	1.3	1.2	
			$n_{2\,Eck}$					266	552	205	409	481	266	552	
			$n_{2\,th}$					266	552	205	409	481	266	552	
8.900	105	0.49	M_2	20	27	33	39								
			c	3.7	2.9	2.3	1.9								
			$n_{2\,Eck}$	455	421	455	455								
			$n_{2\,th}$	455	421	455	455								
8.900	135	0.49	M_2					47	37	87	70	65	118	96	
			c					2.6	2.6	1.5	1.5	1.6	1.1	1.0	
			$n_{2\,Eck}$					219	455	169	337	396	219	455	
			$n_{2\,th}$					219	455	169	337	396	219	455	
11.250	106	0.32	M_2	25	34	42	50								
			c	3.0	2.3	1.8	1.5								
			$n_{2\,Eck}$	360	333	360	360								
			$n_{2\,th}$	360	333	360	360								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 196$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST07-1S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.05	101	5.583
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.05	130	5.583
40 3.6 645 643	87 2.2 269 269	76 2.0 578 578	126 1.6 269 269	94 1.6 578 578	165 1.2 242 242	115 1.3 578 578							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.05	196	5.583
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.66	104	7.333
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.66	134	7.333
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.49	105	8.900
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.49	135	8.900
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.32	106	11.250

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

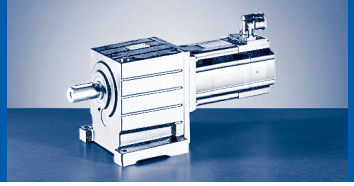
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 706$ Nm

GST07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
3.048	304	8.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
3.048	351	8.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
3.350	334	7.92	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
3.350	367	7.92	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
4.225	373	7.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
4.225	398	7.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
4.643	410	7.39	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
4.643	414	7.39	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
5.200	254	5.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							48 5.0 289 288	39 5.0 577 547	36 5.1 678 548	66 3.4 375 375	54 3.3 779 501	
5.200	399	5.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
5.200	427	5.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
5.714	279	5.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							53 5.0 263 263	43 5.0 525 498	40 5.1 617 499	73 3.4 341 341	60 3.3 709 456	
5.714	438	5.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 706$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
		39	66	49	87	60							M_2	8.20	304	3.048
		5.7	4.5	4.6	3.4	3.8							c			
		1058	492	1058	443	1058							$n_{2\,Eck}$			
		738	492	706	443	675							$n_{2\,th}$			
							77	60	116	84	149	93	M_2	8.20	351	3.048
							4.4	4.5	3.0	3.3	2.3	3.0	c			
							468	984	468	984	443	984	$n_{2\,Eck}$			
							467	701	467	652	443	636	$n_{2\,th}$			
		43	72	54	95	66							M_2	7.92	334	3.350
		5.7	4.5	4.6	3.4	3.8							c			
		963	448	963	403	963							$n_{2\,Eck}$			
		671	448	643	403	615							$n_{2\,th}$			
							85	66	128	92	164	102	M_2	7.92	367	3.350
							4.2	4.3	2.8	3.1	2.2	2.8	c			
							425	896	425	896	403	896	$n_{2\,Eck}$			
							425	631	425	586	403	572	$n_{2\,th}$			
	62	55	91	68	120	84							M_2	7.65	373	4.225
	5.7	5.0	4.0	4.1	3.0	3.4							c			
	355	763	355	763	320	763							$n_{2\,Eck}$			
	355	596	355	571	320	547							$n_{2\,th}$			
							108	84	162	117	207	129	M_2	7.65	398	4.225
							3.6	3.7	2.4	2.7	1.9	2.4	c			
							337	710	337	710	320	710	$n_{2\,Eck}$			
							337	523	337	519	320	507	$n_{2\,th}$			
	69	60	100	75	132	92							M_2	7.39	410	4.643
	5.7	5.0	4.0	4.1	3.0	3.4							c			
	323	695	323	695	291	695							$n_{2\,Eck}$			
	323	543	323	520	291	498							$n_{2\,th}$			
							119	92	178	129	228	142	M_2	7.39	414	4.643
							3.4	3.5	2.3	2.5	1.8	2.3	c			
							307	646	307	646	291	646	$n_{2\,Eck}$			
							307	476	307	466	291	456	$n_{2\,th}$			
													M_2	5.64	254	5.200
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
	77	68	113	84	149	104							M_2	5.64	399	5.200
	4.9	4.4	3.4	3.6	2.6	2.9							c			
	289	620	289	620	260	620							$n_{2\,Eck}$			
	288	532	288	510	260	488							$n_{2\,th}$			
							133	104	199	144	256	160	M_2	5.64	427	5.200
							3.1	3.2	2.1	2.3	1.7	2.1	c			
							274	577	274	577	260	577	$n_{2\,Eck}$			
							274	425	274	425	260	425	$n_{2\,th}$			
													M_2	5.46	279	5.714
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
	85	75	124	93	164	114							M_2	5.46	438	5.714
	4.9	4.4	3.4	3.6	2.6	2.9							c			
	263	564	263	564	236	564							$n_{2\,Eck}$			
	263	484	263	464	236	444							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

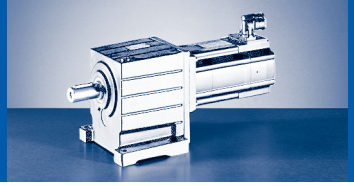
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 706$ Nm

GST07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
5.714	448	5.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
6.400	296	4.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							60 4.8 234 234	48 4.7 469 457	45 4.8 551 458	82 3.2 305 305	67 3.1 633 420	
6.400	460	4.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
6.400	463	4.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
7.150	489	6.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
8.125	539	6.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
8.800	430	4.73	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							82 5.0 171 170	65 5.0 341 323	61 5.1 401 324	112 3.4 222 222	92 3.3 460 296	
8.800	527	4.73	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
9.856	456	3.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							92 4.8 152 152	74 4.7 304 297	69 4.8 358 297	126 3.2 198 198	103 3.1 411 273	
9.856	549	3.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
11.200	518	3.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							104 4.8 134 134	84 4.7 268 261	78 4.8 315 262	143 3.2 174 174	117 3.1 362 240	
11.200	598	3.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												95 6.0 134 134
12.571	380	2.86	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			44 5.9 322 283	53 5.0 322 274								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 706$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
							147	114	219	159	281	176	M_2	5.46	448	5.714
							3.0	3.1	2.0	2.2	1.6	2.0	c			
							249	525	249	525	236	525	$n_{2\,Eck}$			
							249	387	249	387	236	387	$n_{2\,th}$			
													M_2	4.49	296	6.400
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
	96	84	140	104	183	128							M_2	4.49	460	6.400
	4.6	4.1	3.2	3.3	2.5	2.7							c			
	234	504	234	504	211	504							$n_{2\,Eck}$			
	234	444	234	426	211	408							$n_{2\,th}$			
							165	128	246	178	315	197	M_2	4.49	463	6.400
							2.8	2.8	1.9	2.0	1.5	1.9	c			
							223	469	223	469	211	469	$n_{2\,Eck}$			
							223	345	223	345	211	345	$n_{2\,th}$			
	107	94	156	117	205	143	184	143	275	199	352	220	M_2	6.27	489	7.150
	4.4	3.9	3.1	3.2	2.4	2.6	2.6	2.7	1.8	1.9	1.4	1.8	c			
	210	451	210	451	189	451	199	420	199	420	189	420	$n_{2\,Eck}$			
	210	334	210	319	189	305	199	307	199	282	189	266	$n_{2\,th}$			
	122	107	178	133	233	163	209	163	313	227	401	250	M_2	6.04	539	8.125
	4.3	3.8	3.0	3.1	2.3	2.5	2.5	2.6	1.7	1.9	1.3	1.7	c			
	185	397	185	397	166	397	175	369	175	369	166	369	$n_{2\,Eck}$			
	185	292	185	279	166	267	175	268	175	244	166	230	$n_{2\,th}$			
													M_2	4.73	430	8.800
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
	133	117	193	144	253	177	227	177	340	246	434	272	M_2	4.73	527	8.800
	3.9	3.4	2.7	2.8	2.1	2.3	2.3	2.3	1.5	1.7	1.2	1.5	c			
	171	367	171	367	153	367	162	341	162	341	153	341	$n_{2\,Eck}$			
	170	299	170	285	153	272	162	251	162	240	153	226	$n_{2\,th}$			
													M_2	3.90	456	9.856
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
68	149	131	217	162	284	198	255	198	381	276	487	305	M_2	3.90	549	9.856
5.7	3.6	3.2	2.5	2.6	1.9	2.1	2.1	2.2	1.4	1.6	1.1	1.4	c			
365	152	327	152	327	137	327	145	304	145	304	137	304	$n_{2\,Eck}$			
308	152	274	152	262	137	250	145	224	145	216	137	205	$n_{2\,th}$			
													M_2	3.78	518	11.200
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
78	169	149	246	184	323	226	290	226	433	313	554	346	M_2	3.78	598	11.200
5.5	3.4	3.1	2.4	2.5	1.8	2.0	2.0	2.1	1.4	1.5	1.1	1.4	c			
321	134	288	134	288	121	288	127	268	127	268	121	268	$n_{2\,Eck}$			
269	134	239	134	228	121	218	127	197	127	186	121	177	$n_{2\,th}$			
													M_2	2.86	380	12.571
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

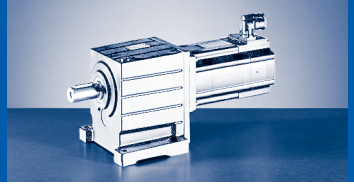
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 706$ Nm

GST07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
12.571	489	2.86	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							118 4.0 119 119	95 4.0 239 239	89 4.0 280 263	162 2.7 155 155	132 2.6 322 241	
12.571	601	2.86	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												107 5.4 119 119
14.286	432	2.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			50 5.9 284 249	60 5.0 284 241								
14.286	556	2.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							134 4.0 105 105	107 4.0 210 210	101 4.0 247 232	184 2.7 137 137	150 2.6 284 212	
14.286	642	2.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												122 5.0 105 105
15.400	515	2.26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							146 3.5 97 97	116 3.9 195 195	109 3.9 229 229	198 2.6 127 127	162 2.6 263 215	
15.400	644	2.26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												132 4.7 97 97
17.500	585	2.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							166 3.5 86 86	132 3.9 171 171	124 3.9 201 201	226 2.6 111 111	184 2.6 231 189	
17.500	680	2.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												151 4.4 86 86
20.044	418	1.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		57 5.8 187 187	71 4.6 202 202	85 3.9 202 202								
20.044	538	1.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					103 5.0 97 97	80 5.3 202 202	191 2.8 75 75	152 3.1 150 150	143 3.2 176 176	260 2.1 97 97	212 2.1 202 193	
20.044	694	1.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												174 3.9 75 75
22.778	475	1.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		65 5.8 165 165	81 4.6 178 178	96 3.9 178 178								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 706$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.86	489	12.571
88 4.9 286 273	191 3.1 119 119	168 2.7 257 243	277 2.1 119 119	207 2.2 257 233	363 1.6 107 107	254 1.8 257 216							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.86	601	12.571
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.79	432	14.286
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.79	556	14.286
100 4.6 252 238	217 2.9 105 105	191 2.6 226 211	315 2.0 105 105	236 2.1 226 202	413 1.5 95 95	289 1.7 226 183							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.79	642	14.286
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.26	515	15.400
108 4.9 234 233	235 2.7 97 97	205 2.7 209 209	341 1.9 97 97	254 2.2 209 209	446 1.4 88 88	311 1.8 209 195							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.26	644	15.400
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.21	585	17.500
123 4.5 206 205	267 2.5 86 86	234 2.5 184 184	388 1.7 86 86	289 2.1 184 181	508 1.3 77 77	354 1.7 184 165							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.21	680	17.500
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.38	418	20.044
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.38	538	20.044
141 4.0 180 179	307 2.2 75 75	269 2.2 161 161	445 1.6 75 75	332 1.8 161 161	582 1.2 67 67	406 1.5 161 161							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.38	694	20.044
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.35	475	22.778

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

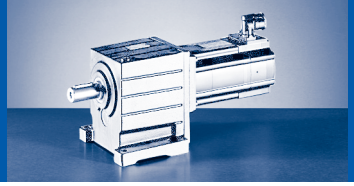
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 706$ Nm

GST07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
22.778	611	1.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					117 5.0 86 86	91 5.3 178 178	217 2.8 66 66	173 3.1 132 132	162 3.2 155 155	295 2.1 86 86	240 2.1 178 170	
22.778	682	1.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												198 3.4 66 66
24.567	438	1.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		71 5.0 153 153	88 4.0 165 165	105 3.3 165 165								
24.567	564	1.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					127 4.3 79 79	99 4.5 165 165	235 2.4 61 61	187 2.7 122 122	176 2.7 144 143	319 1.8 79 79	260 1.8 165 165	
24.567	706	1.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												214 3.2 61 61
27.917	498	1.01	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		81 5.0 134 134	100 4.0 145 145	119 3.3 145 145								
27.917	641	1.01	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					144 4.3 70 70	112 4.5 145 145	267 2.4 54 54	213 2.7 108 107	200 2.7 126 126	363 1.8 70 70	296 1.8 145 145	
27.917	691	1.01	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												245 2.8 54 54
32.267	450	0.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	69 5.1 126 126	94 3.9 116 116	116 3.1 126 126	139 2.6 126 126								
32.267	580	0.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					168 3.4 60 60	131 3.5 126 126	310 1.9 47 46	248 2.1 93 93	232 2.1 109 109	421 1.4 60 60	343 1.4 126 126	
36.667	512	0.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	78 5.1 111 110	107 3.9 102 102	132 3.1 111 110	157 2.6 111 110								
36.667	659	0.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					191 3.4 53 53	149 3.5 111 110	353 1.9 41 41	281 2.1 82 82	264 2.1 96 96	478 1.4 53 53	390 1.4 111 110	
39.160	456	0.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	84 4.3 103 103	115 3.2 96 96	142 2.6 103 103	169 2.2 103 103								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 706$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.35	611	22.778
161 3.5 158 158	350 1.9 66 66	306 1.9 142 142	506 1.3 66 66	378 1.6 142 142	663 1.0 59 59	463 1.3 142 135							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.35	682	22.778
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.02	438	24.567
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.02	564	24.567
174 3.4 147 146	378 1.9 61 61	331 1.9 131 131	547 1.3 61 61	408 1.5 131 131		499 1.2 131 131							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.02	706	24.567
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.01	498	27.917
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.01	641	27.917
199 2.9 129 129	431 1.6 54 54	377 1.6 116 116	622 1.1 54 54	464 1.3 116 116		568 1.1 116 116							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.01	691	27.917
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.66	450	32.267
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.66	580	32.267
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.65	512	36.667
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.65	659	36.667
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.49	456	39.160

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

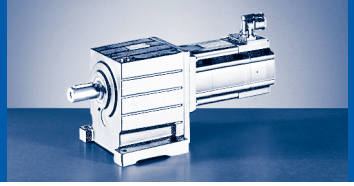
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 706$ Nm

GST07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
39.160	586	0.49	M_2					205	160	378	302	283	512	417	
			c					2.8	2.9	1.5	1.7	1.8	1.1	1.2	
			$n_{2\,Eck}$					50	103	38	77	90	50	103	
			$n_{2\,th}$					50	103	38	77	90	50	103	
44.500	518	0.48	M_2	95	130	161	191								
			c	4.7	3.6	2.9	2.4								
			$n_{2\,Eck}$	91	84	91	91								
			$n_{2\,th}$	91	84	91	91								
44.500	666	0.48	M_2					233	181	429	342	321	582	474	
			c					2.8	3.3	1.5	1.9	2.0	1.1	1.3	
			$n_{2\,Eck}$					44	91	34	67	79	44	91	
			$n_{2\,th}$					44	91	34	67	79	44	91	
49.500	461	0.33	M_2	107	146	180	214								
			c	3.8	2.9	2.3	1.9								
			$n_{2\,Eck}$	82	76	82	82								
			$n_{2\,th}$	82	76	82	82								
56.250	524	0.33	M_2	122	166	205	243								
			c	3.8	2.9	2.3	1.9								
			$n_{2\,Eck}$	72	67	72	72								
			$n_{2\,th}$	72	67	72	72								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 706$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.49	586	39.160
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.48	518	44.500
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.48	666	44.500
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	461	49.500
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	524	56.250

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

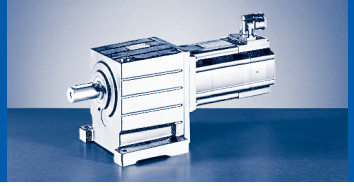
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 710$ Nm

GST07-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
39.200	692	0.97	M_2					111	138	164
			c					5.0	4.0	3.4
			$n_{2\,Eck}$					96	103	103
			$n_{2\,th}$					96	103	103
44.000	706	0.53	M_2					125	155	185
			c					5.0	4.0	3.4
			$n_{2\,Eck}$					85	92	92
			$n_{2\,th}$					85	92	92
51.022	700	0.84	M_2				107	146	181	215
			c				5.7	4.3	3.4	2.9
			$n_{2\,Eck}$				79	74	79	79
			$n_{2\,th}$				79	74	79	79
53.900	706	0.48	M_2				113	154	191	228
			c				5.4	4.1	3.3	2.8
			$n_{2\,Eck}$				75	70	75	75
			$n_{2\,th}$				75	70	75	75
65.079	587	0.31	M_2			89				
			c			5.7				
			$n_{2\,Eck}$			62				
			$n_{2\,th}$			62				
65.079	707	0.31	M_2				138	188	232	276
			c				4.5	3.4	2.7	2.3
			$n_{2\,Eck}$				62	58	62	62
			$n_{2\,th}$				62	58	62	62
70.156	706	0.43	M_2				149	203	251	298
			c				4.1	3.2	2.5	2.1
			$n_{2\,Eck}$				58	54	58	58
			$n_{2\,th}$				58	53	58	58
79.762	710	0.54	M_2			109	170	232	286	340
			c			5.6	3.7	2.8	2.2	1.9
			$n_{2\,Eck}$			51	51	47	51	51
			$n_{2\,th}$			51	51	47	51	51
85.983	706	0.40	M_2			118	184	251	309	367
			c			5.2	3.4	2.6	2.1	1.7
			$n_{2\,Eck}$			47	47	44	47	47
			$n_{2\,th}$			47	47	44	47	47
97.708	710	0.40	M_2		107	135	210	286	352	418
			c		5.7	4.6	3.0	2.3	1.8	1.5
			$n_{2\,Eck}$		42	42	42	38	42	42
			$n_{2\,th}$		41	41	41	38	41	41
111.915	706	0.24	M_2		123	155	242	328	404	480
			c		5.0	4.0	2.6	2.0	1.6	1.3
			$n_{2\,Eck}$		36	36	36	34	36	36
			$n_{2\,th}$		36	36	36	34	36	36
127.176	710	0.24	M_2		141	177	276	374	460	546
			c		4.4	3.5	2.3	1.8	1.4	1.2
			$n_{2\,Eck}$		32	32	32	30	32	32
			$n_{2\,th}$		32	32	32	29	32	32
139.211	706	0.17	M_2		155	195	303	410	504	598
			c		4.0	3.2	2.1	1.6	1.3	1.1
			$n_{2\,Eck}$		29	29	29	27	29	29
			$n_{2\,th}$		29	29	29	27	29	29

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 710$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GST07-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
201	157	371	296	278	504	410	M_2	0.97	692	39.200
3.4	3.5	1.9	2.1	2.1	1.4	1.4	c			
50	103	38	77	90	50	103	$n_{2\,Eck}$			
50	103	38	77	90	50	94	$n_{2\,th}$			
226	176	418	333	312	566	461	M_2	0.53	706	44.000
3.1	3.5	1.7	2.1	2.1	1.2	1.4	c			
44	92	34	68	80	44	92	$n_{2\,Eck}$			
44	92	34	68	80	44	92	$n_{2\,th}$			
264	205	485	387	363	658	535	M_2	0.84	700	51.022
2.6	3.0	1.4	1.8	1.8	1.1	1.2	c			
38	79	29	59	69	38	79	$n_{2\,Eck}$			
38	79	29	59	69	38	68	$n_{2\,th}$			
279	217	513	409	383	695	566	M_2	0.48	706	53.900
2.5	2.9	1.4	1.7	1.7	1.0	1.1	c			
36	75	28	56	65	36	75	$n_{2\,Eck}$			
36	75	28	56	65	36	75	$n_{2\,th}$			
							M_2	0.31	587	65.079
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.31	707	65.079
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
365	285	670	535	501			M_2	0.43	706	70.156
1.9	2.2	1.1	1.3	1.3			c			
28	58	21	43	50			$n_{2\,Eck}$			
28	58	21	43	50			$n_{2\,th}$			
416	324		609	571			M_2	0.54	710	79.762
1.7	2.0		1.2	1.2			c			
25	51		38	44			$n_{2\,Eck}$			
24	51		38	44			$n_{2\,th}$			
449	350		657	616			M_2	0.40	706	85.983
1.6	1.8		1.1	1.1			c			
23	47		35	41			$n_{2\,Eck}$			
23	47		35	41			$n_{2\,th}$			
512	399						M_2	0.40	710	97.708
1.4	1.6						c			
20	42						$n_{2\,Eck}$			
20	41						$n_{2\,th}$			
							M_2	0.24	706	111.915
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.24	710	127.176
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.17	706	139.211
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

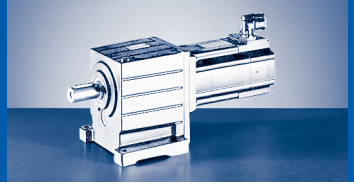
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 710$ Nm

GST07-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
158.194	710	0.17	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		177 3.5 26 26	222 2.8 26 26	345 1.9 26 26	467 1.4 24 24	574 1.1 26 26	
180.156	706	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		202 3.1 23 22	254 2.5 23 22				
204.722	710	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	112 5.5 20 20	231 2.7 20 20	290 2.2 20 20				
236.622	706	0.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	130 4.7 17 17	268 2.4 17 17	336 1.9 17 17				
248.458	710	0.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	137 4.5 16 16	281 2.3 16 16	353 1.8 16 16				
268.889	710	0.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	149 4.2 15 15	305 2.1 15 15	383 1.7 15 15				
326.333	710	0.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	182 3.4 12 12	371 1.7 12 12	466 1.4 12 12				

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 710$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GST07-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.17	710	158.194
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.11	706	180.156
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.11	710	204.722
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.10	706	236.622
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.08	710	248.458
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.10	710	268.889
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.07	710	326.333

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

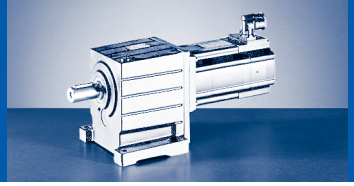
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 357$ Nm

GST09-1S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
1.560	277	22.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
2.048	198	15.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
2.048	308	15.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
2.333	207	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										35 5.6 643 643
2.333	322	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
2.810	140	9.58	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			27 5.0 534 534	21 5.0 1068 1012	20 5.1 1255 1014	36 3.4 694 694	30 3.3 1442 927			
2.810	218	9.58	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										43 4.9 534 534
2.810	339	9.58	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
3.444	230	7.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										53 4.2 436 435
3.444	357	7.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
4.667	156	4.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	24 5.7 418 418	19 5.7 868 814	45 3.4 321 321	36 3.4 643 643	34 3.4 755 744	61 2.3 418 418	50 2.2 868 685			
4.667	243	4.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								40 5.8 321 321	33 5.3 771 769	72 3.3 321 321
5.667	162	3.51	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	30 4.8 344 344	23 4.9 715 715	55 2.9 265 265	44 2.9 529 529	41 2.9 622 622	75 2.0 344 344	61 1.9 715 641			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 357$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST09-1S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
							59	43	76	47	M_2	22.20	277	1.560
							4.5	4.9	3.5	4.5	c			
							914	1923	865	1923	$n_{2\,Eck}$			
							913	1294	865	1267	$n_{2\,th}$			
27	45	33	59	41							M_2	15.60	198	2.048
5.4	4.3	4.4	3.3	3.6							c			
1575	733	1575	659	1575							$n_{2\,Eck}$			
1142	733	1094	659	1048							$n_{2\,th}$			
					52	40	78	57	101	63	M_2	15.60	308	2.048
					5.7	5.8	3.8	4.2	3.0	3.8	c			
					696	1465	696	1465	659	1465	$n_{2\,Eck}$			
					696	1080	696	1080	659	1058	$n_{2\,th}$			
31	51	38	68	47							M_2	12.20	207	2.333
5.0	3.9	4.1	3.0	3.3							c			
1382	643	1382	579	1382							$n_{2\,Eck}$			
1077	643	1032	579	988							$n_{2\,th}$			
					59	46	90	65	115	72	M_2	12.20	322	2.333
					5.2	5.3	3.5	3.8	2.7	3.5	c			
					611	1286	611	1286	579	1286	$n_{2\,Eck}$			
					611	947	611	947	579	947	$n_{2\,th}$			
											M_2	9.58	140	2.810
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
37	62	46	82	57							M_2	9.58	218	2.810
4.4	3.4	3.6	2.6	2.9							c			
1148	534	1148	481	1148							$n_{2\,Eck}$			
984	534	943	481	902							$n_{2\,th}$			
					72	56	108	78	139	87	M_2	9.58	339	2.810
					4.5	4.6	3.1	3.4	2.4	3.0	c			
					507	1068	507	1068	481	1068	$n_{2\,Eck}$			
					507	787	507	787	481	787	$n_{2\,th}$			
46	76	57	100	70							M_2	7.30	230	3.444
3.8	3.0	3.1	2.3	2.5							c			
936	436	936	392	936							$n_{2\,Eck}$			
845	435	811	392	778							$n_{2\,th}$			
					89	69	133	97	171	107	M_2	7.30	357	3.444
					3.9	4.0	2.6	2.9	2.1	2.6	c			
					414	871	414	871	392	871	$n_{2\,Eck}$			
					414	642	414	642	392	642	$n_{2\,th}$			
											M_2	4.60	156	4.667
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
63	104	78	137	96							M_2	4.60	243	4.667
2.9	2.3	2.4	1.8	2.0							c			
691	321	691	289	691							$n_{2\,Eck}$			
691	321	691	289	666							$n_{2\,th}$			
											M_2	3.51	162	5.667
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

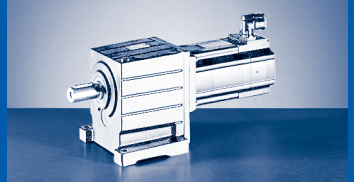
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 357$ Nm

GST09-1S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
5.667	253	3.51	M_2								49	40	88
			c								4.9	4.5	2.8
			$n_{2\,Eck}$								265	635	265
			$n_{2\,th}$								265	634	265
7.333	168	2.26	M_2	39	30	71	57	53	97	79			
			c	3.9	3.9	2.3	2.3	2.3	1.6	1.5			
			$n_{2\,Eck}$	266	552	205	409	481	266	552			
			$n_{2\,th}$	266	552	205	409	481	266	514			
7.333	262	2.26	M_2								64	53	114
			c								4.0	3.6	2.3
			$n_{2\,Eck}$								205	491	205
			$n_{2\,th}$								205	490	205
8.900	170	1.66	M_2	47	37	87	69	65	118	96			
			c	3.2	3.3	1.9	1.9	2.0	1.3	1.3			
			$n_{2\,Eck}$	219	455	169	337	396	219	455			
			$n_{2\,th}$	219	455	169	337	396	219	450			
8.900	265	1.66	M_2								79	64	139
			c								3.3	3.0	1.9
			$n_{2\,Eck}$								169	405	169
			$n_{2\,th}$								169	403	169
11.250	173	1.11	M_2	60	47	110	88	83	150	122			
			c	2.6	2.6	1.6	1.6	1.6	1.1	1.0			
			$n_{2\,Eck}$	173	360	133	267	313	173	360			
			$n_{2\,th}$	173	360	133	267	313	173	360			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 357$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST09-1S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
77 2.5 569 569	127 2.0 265 265	95 2.0 569 569	167 1.5 238 238	116 1.7 569 569							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.51	253	5.667
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.26	168	7.333
100 2.0 440 440	165 1.6 205 205	123 1.6 440 440	216 1.2 184 184	151 1.3 440 440							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.26	262	7.333
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	170	8.900
122 1.7 362 362	201 1.3 169 169	150 1.4 362 362	263 1.0 152 152	184 1.1 362 362							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	265	8.900
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.11	173	11.250

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

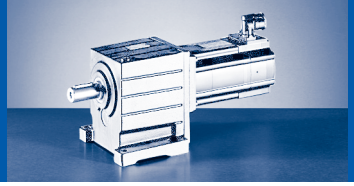
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1373$ Nm

GST09-2S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
4.056	714	27.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
4.457	784	25.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
5.324	508	18.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
5.324	789	18.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
5.850	558	17.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
5.850	867	17.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
6.667	583	14.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										99 5.6 225 225
6.667	905	14.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
7.305	357	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			68 5.0 205 205	54 5.0 411 389	51 5.1 483 390	93 3.4 267 267	76 3.3 554 357			
7.305	559	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										109 4.9 205 205
7.305	869	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
8.027	393	11.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			75 5.0 187 187	60 5.0 374 354	56 5.1 439 355	103 3.4 243 243	84 3.3 505 324			
8.027	615	11.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										120 4.9 187 187

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1373$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST09-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
							152	109	195	121	M_2	27.00	714	4.056
							4.5	5.0	3.6	4.5	c			
							351	740	333	740	$n_{2\,Eck}$			
							351	498	333	488	$n_{2\,th}$			
							167	120	215	133	M_2	25.90	784	4.457
							4.5	5.0	3.6	4.5	c			
							320	673	303	673	$n_{2\,Eck}$			
							320	454	303	444	$n_{2\,th}$			
69	115	86	151	106							M_2	18.10	508	5.324
5.4	4.3	4.4	3.3	3.6							c			
606	282	606	254	606							$n_{2\,Eck}$			
439	282	421	254	403							$n_{2\,th}$			
					133	103	201	145	258	161	M_2	18.10	789	5.324
					5.7	5.8	3.8	4.2	3.0	3.8	c			
					268	564	268	564	254	564	$n_{2\,Eck}$			
					268	415	268	415	254	407	$n_{2\,th}$			
76	126	94	166	116							M_2	17.50	558	5.850
5.4	4.3	4.4	3.3	3.6							c			
551	256	551	231	551							$n_{2\,Eck}$			
400	256	383	231	367							$n_{2\,th}$			
					146	113	220	159	284	176	M_2	17.50	867	5.850
					5.7	5.8	3.8	4.2	3.0	3.8	c			
					244	513	244	513	231	513	$n_{2\,Eck}$			
					244	378	244	378	231	370	$n_{2\,th}$			
87	144	108	190	133							M_2	14.20	583	6.667
5.0	3.9	4.1	3.0	3.3							c			
484	225	484	203	484							$n_{2\,Eck}$			
377	225	361	203	346							$n_{2\,th}$			
					167	130	252	182	324	202	M_2	14.20	905	6.667
					5.2	5.3	3.5	3.8	2.7	3.5	c			
					214	450	214	450	203	450	$n_{2\,Eck}$			
					214	332	214	332	203	332	$n_{2\,th}$			
											M_2	11.30	357	7.305
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
96	159	119	209	146							M_2	11.30	559	7.305
4.4	3.4	3.6	2.6	2.9							c			
442	205	442	185	442							$n_{2\,Eck}$			
379	205	363	185	347							$n_{2\,th}$			
					184	143	277	201	356	222	M_2	11.30	869	7.305
					4.5	4.6	3.1	3.4	2.4	3.0	c			
					195	411	195	411	185	411	$n_{2\,Eck}$			
					195	303	195	303	185	303	$n_{2\,th}$			
											M_2	11.00	393	8.027
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
105	175	130	230	160							M_2	11.00	615	8.027
4.4	3.4	3.6	2.6	2.9							c			
402	187	402	168	402							$n_{2\,Eck}$			
345	187	330	168	316							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

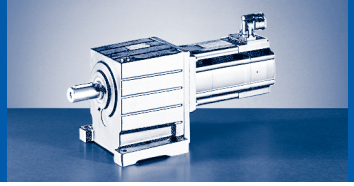
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1373$ Nm

GST09-2S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
8.027	955	11.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
9.010	860	15.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
9.010	1128	15.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
10.267	897	12.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										152 5.6 146 146
10.267	1178	12.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
11.667	1019	12.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										172 5.6 129 129
11.667	1206	12.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
12.362	605	9.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			115 5.0 121 121	92 5.0 243 230	86 5.1 285 230	158 3.4 158 158	129 3.3 328 211			
12.362	947	9.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										184 4.9 121 121
12.362	1253	9.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
14.048	687	9.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			131 5.0 107 107	105 5.0 214 202	98 5.1 251 203	179 3.4 139 139	146 3.3 288 185			
14.048	1076	9.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										209 4.9 107 107
14.048	1283	9.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1373$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST09-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
					203	157	305	220	391	244	M_2	11.00	955	8.027
					4.5	4.6	3.1	3.4	2.4	3.0	c			
					178	374	178	374	168	374	$n_{2\,Eck}$			
					178	275	178	275	168	275	$n_{2\,th}$			
117	194	145	256	179							M_2	15.20	860	9.010
5.4	4.3	4.4	3.3	3.6							c			
358	167	358	150	358							$n_{2\,Eck}$			
259	166	249	150	238							$n_{2\,th}$			
					227	176	342	247	439	273	M_2	15.20	1128	9.010
					4.8	4.9	3.2	3.5	2.5	3.2	c			
					158	333	158	333	150	333	$n_{2\,Eck}$			
					158	245	158	237	150	232	$n_{2\,th}$			
134	222	166	293	204							M_2	12.40	897	10.267
5.0	3.9	4.1	3.0	3.3							c			
314	146	314	132	314							$n_{2\,Eck}$			
245	146	235	131	225							$n_{2\,th}$			
					260	202	390	282	501	312	M_2	12.40	1178	10.267
					4.4	4.5	3.0	3.2	2.3	2.9	c			
					139	292	139	292	132	292	$n_{2\,Eck}$			
					139	215	139	215	131	215	$n_{2\,th}$			
152	253	189	333	232							M_2	12.10	1019	11.667
5.0	3.9	4.1	3.0	3.3							c			
276	129	276	116	276							$n_{2\,Eck}$			
215	129	206	116	198							$n_{2\,th}$			
					296	230	445	322	571	356	M_2	12.10	1206	11.667
					4.0	4.0	2.7	2.9	2.1	2.6	c			
					122	257	122	257	116	257	$n_{2\,Eck}$			
					122	189	122	189	116	188	$n_{2\,th}$			
											M_2	9.79	605	12.362
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
162	269	201	354	247							M_2	9.79	947	12.362
4.4	3.4	3.6	2.6	2.9							c			
261	121	261	109	261							$n_{2\,Eck}$			
224	121	214	109	205							$n_{2\,th}$			
					314	244	472	341	605	378	M_2	9.79	1253	12.362
					3.9	4.0	2.6	2.9	2.1	2.6	c			
					115	243	115	243	109	243	$n_{2\,Eck}$			
					115	179	115	179	109	179	$n_{2\,th}$			
											M_2	9.53	687	14.048
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
184	306	228	402	281							M_2	9.53	1076	14.048
4.4	3.4	3.6	2.6	2.9							c			
230	107	230	96	230							$n_{2\,Eck}$			
197	107	189	96	180							$n_{2\,th}$			
					359	279	538	389	689	430	M_2	9.53	1283	14.048
					3.5	3.6	2.4	2.6	1.9	2.3	c			
					101	214	101	214	96	214	$n_{2\,Eck}$			
					101	157	101	157	96	157	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

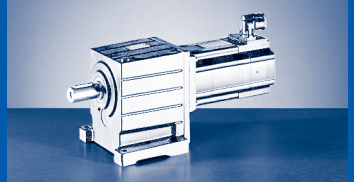
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1373$ Nm

GST09-2S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
15.156	996	7.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										227 4.2 99 99
15.156	1340	7.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
17.222	1132	7.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										258 4.2 87 87
17.222	1373	7.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
20.533	675	4.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			194 3.4 73 73	155 3.8 146 146	145 3.9 172 172	265 2.5 95 95	216 2.5 197 160			
20.533	1055	4.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								174 5.8 73 73	142 6.0 175 175	311 3.3 73 73
23.333	767	4.41	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			221 3.4 64 64	176 3.8 129 129	165 3.9 151 151	301 2.5 84 84	245 2.5 174 140			
23.333	1199	4.41	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								198 5.8 64 64	161 6.0 154 154	354 3.3 64 64
24.933	703	3.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	127 5.3 78 78	99 5.5 162 162	237 2.9 60 60	189 3.3 120 120	177 3.3 141 141	323 2.2 78 78	263 2.2 162 151			
24.933	1096	3.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								214 4.9 60 60	174 5.1 144 144	380 2.8 60 60
28.333	799	3.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	145 5.3 69 69	113 5.5 143 143	269 2.9 53 53	215 3.3 106 106	201 3.3 124 124	367 2.2 69 69	299 2.2 143 133			
28.333	1245	3.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								243 4.9 53 53	197 5.1 127 127	432 2.8 53 53
32.267	729	2.25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	166 4.2 60 60	130 4.4 126 126	309 2.3 47 46	246 2.6 93 93	231 2.7 109 109	419 1.7 60 60	342 1.7 126 124			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1373$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST09-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
199	331	246	435	303							M_2	7.65	996	15.156
4.3	3.0	3.5	2.3	2.8							c			
213	99	213	89	213							$n_{2\,Eck}$			
197	99	189	89	182							$n_{2\,th}$			
					387	300	580	418	744	463	M_2	7.65	1340	15.156
					3.4	3.9	2.3	2.8	1.8	2.6	c			
					94	198	94	198	89	198	$n_{2\,Eck}$			
					94	146	94	146	89	146	$n_{2\,th}$			
226	377	280	495	344							M_2	7.49	1132	17.222
4.3	3.0	3.5	2.3	2.8							c			
187	87	187	78	187							$n_{2\,Eck}$			
173	87	166	78	160							$n_{2\,th}$			
					442	342	661	477	847	527	M_2	7.49	1373	17.222
					3.0	3.5	2.1	2.6	1.6	2.3	c			
					83	174	83	174	78	174	$n_{2\,Eck}$			
					83	128	83	128	78	128	$n_{2\,th}$			
											M_2	4.50	675	20.533
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
272	452	337	593	413							M_2	4.50	1055	20.533
3.3	2.3	2.7	1.8	2.2							c			
157	73	157	66	157							$n_{2\,Eck}$			
157	73	157	66	156							$n_{2\,th}$			
											M_2	4.41	767	23.333
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
309	514	383	674	469							M_2	4.41	1199	23.333
3.3	2.3	2.7	1.8	2.2							c			
138	64	138	58	138							$n_{2\,Eck}$			
138	64	138	58	137							$n_{2\,th}$			
											M_2	3.38	703	24.933
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
332	551	410	722	503							M_2	3.38	1096	24.933
2.9	2.0	2.3	1.5	1.9							c			
129	60	129	54	129							$n_{2\,Eck}$			
129	60	129	54	129							$n_{2\,th}$			
											M_2	3.32	799	28.333
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
378	626	466	820	572							M_2	3.32	1245	28.333
2.9	2.0	2.3	1.5	1.9							c			
114	53	114	48	114							$n_{2\,Eck}$			
114	53	114	48	114							$n_{2\,th}$			
											M_2	2.25	729	32.267
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

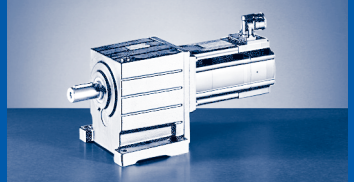
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1373$ Nm

GST09-2S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
32.267	1136	2.25	M_2								279	227	494
			c								4.0	4.1	2.3
			$n_{2\,Eck}$								47	112	47
			$n_{2\,th}$								46	111	46
36.667	829	2.21	M_2	189	148	351	280	262	477	388			
			c	4.2	4.4	2.3	2.6	2.7	1.7	1.7			
			$n_{2\,Eck}$	53	111	41	82	96	53	111			
			$n_{2\,th}$	53	110	41	82	96	53	109			
36.667	1291	2.21	M_2								317	258	562
			c								4.0	4.1	2.3
			$n_{2\,Eck}$								41	98	41
			$n_{2\,th}$								41	98	41
39.160	738	1.64	M_2	204	159	376	300	281	511	416			
			c	3.5	3.7	1.9	2.2	2.2	1.4	1.4			
			$n_{2\,Eck}$	50	103	38	77	90	50	103			
			$n_{2\,th}$	50	103	38	77	90	50	103			
39.160	1150	1.64	M_2								341	278	602
			c								3.3	3.4	1.9
			$n_{2\,Eck}$								38	92	38
			$n_{2\,th}$								38	92	38
44.500	839	1.62	M_2	231	180	428	340	319	580	472			
			c	3.5	4.1	1.9	2.4	2.5	1.4	1.6			
			$n_{2\,Eck}$	44	91	34	67	79	44	91			
			$n_{2\,th}$	44	91	34	67	79	44	91			
44.500	1307	1.62	M_2								388	314	684
			c								3.3	3.8	1.9
			$n_{2\,Eck}$								34	81	34
			$n_{2\,th}$								34	81	34
49.500	748	1.12	M_2	259	202	478	380	357	647	527			
			c	2.8	3.3	1.6	2.0	2.0	1.2	1.3			
			$n_{2\,Eck}$	39	82	30	61	71	39	82			
			$n_{2\,th}$	39	82	30	61	71	39	82			
56.250	850	1.10	M_2	294	229	543	432	405	736	599			
			c	2.8	3.3	1.6	2.0	2.0	1.2	1.3			
			$n_{2\,Eck}$	35	72	27	53	63	35	72			
			$n_{2\,th}$	35	72	27	53	63	35	72			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1373$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST09-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
432 2.3 100 100	716 1.6 47 46	534 1.9 100 100	937 1.2 42 42	654 1.5 100 100							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.25	1136	32.267
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.21	829	36.667
491 2.3 88 88	813 1.6 41 41	606 1.9 88 88	1065 1.2 37 37	743 1.5 88 88							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.21	1291	36.667
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.64	738	39.160
527 1.9 82 82	871 1.3 38 38	650 1.6 82 82	1140 1.0 35 34	796 1.3 82 82							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.64	1150	39.160
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.62	839	44.500
598 2.1 73 72	990 1.3 34 34	737 1.7 73 72	1295 1.0 30 30	903 1.4 73 72							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.62	1307	44.500
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.12	748	49.500
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.10	850	56.250

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

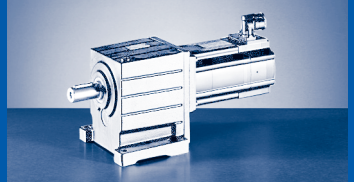
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1623$ Nm

GST09-3S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
40.136	964	2.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					139 5.4 101 101	166 4.6 101 101				
40.136	1245	2.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							200 5.9 49 49		375 3.3 37 37	298 3.7 75 75
40.136	1344	2.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
43.267	892	1.55	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					150 5.1 94 94	180 4.3 94 94				
43.267	1152	1.55	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							218 5.1 45 45	169 5.9 94 94	406 2.8 35 35	322 3.5 69 69
43.267	1290	1.55	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
49.167	1013	1.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					171 5.1 82 82	204 4.3 82 82				
49.167	1310	1.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							247 5.1 40 40	192 5.9 82 82	461 2.8 31 31	366 3.5 61 61
49.167	1466	1.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
53.044	1093	1.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					184 5.1 76 76	220 4.3 76 76				
53.044	1379	1.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							267 5.0 37 37	207 5.7 76 76	498 2.7 28 28	395 3.4 57 57
60.278	1242	1.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					209 5.1 67 67	250 4.3 67 67				
60.278	1565	1.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							304 4.9 32 32	235 5.7 67 67	566 2.7 25 25	449 3.4 50 50

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1623$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST09-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.14	964	40.136
280 3.7 88 88	510 2.4 49 49	416 2.4 101 101									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.14	1245	40.136
			343 3.8 37 37	279 4.0 90 89	606 2.2 37 37	530 2.2 80 80	877 1.5 37 37	654 1.8 80 80	1149 1.2 34 34	802 1.5 80 80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.14	1344	40.136
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.55	892	43.267
302 3.5 82 81	552 2.1 45 45	449 2.3 94 94									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.55	1152	43.267
			371 3.4 35 35	301 3.9 83 83	655 2.0 35 35	572 2.2 75 75	947 1.4 35 35	705 1.8 75 75	1240 1.0 31 31	864 1.5 75 75	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.55	1290	43.267
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.53	1013	49.167
343 3.5 72 72	627 2.1 40 40	510 2.3 82 82									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.53	1310	49.167
			421 3.4 31 31	342 3.9 73 73	744 2.0 31 31	650 2.2 66 66	1077 1.4 31 31	802 1.8 66 66	1409 1.0 28 27	982 1.5 66 66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.53	1466	49.167
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.38	1093	53.044
371 3.4 67 66	677 2.0 37 37	550 2.2 76 76	457 3.0 28 28	371 3.4 68 68	805 1.7 28 28	703 1.9 61 61	1164 1.2 28 28	867 1.5 61 61		1062 1.3 61 61	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.38	1379	53.044
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.37	1242	60.278
421 3.4 59 58	769 2.0 32 32	625 2.2 67 67	519 3.0 25 25	421 3.4 60 60	915 1.7 25 25	799 1.9 54 54	1322 1.2 25 25	985 1.5 54 54		1206 1.3 54 54	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.37	1565	60.278

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

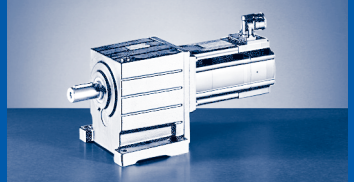
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1623$ Nm

GST09-3S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
71.867	1477	1.17	M_2					250	298	366	284	679	540
			c					5.1	4.3	3.9	4.5	2.2	2.7
			$n_{2\,Eck}$					56	56	27	56	21	42
			$n_{2\,th}$					56	56	27	56	21	42
81.667	1584	1.16	M_2					285	340	417	324	772	614
			c					4.8	4.1	3.7	4.3	2.0	2.5
			$n_{2\,Eck}$					50	50	24	50	18	37
			$n_{2\,th}$					50	50	24	50	18	37
93.541	1545	0.71	M_2				265	329	392				
			c				5.2	4.1	3.5				
			$n_{2\,Eck}$				40	43	43				
			$n_{2\,th}$				40	43	43				
93.541	1613	0.71	M_2							480	373	886	706
			c							3.3	3.8	1.8	2.3
			$n_{2\,Eck}$							21	43	16	32
			$n_{2\,th}$							21	43	16	32
99.167	1596	1.07	M_2				281	349	416	510	397	941	749
			c				5.0	4.0	3.4	3.1	3.5	1.7	2.1
			$n_{2\,Eck}$				38	41	41	20	41	15	30
			$n_{2\,th}$				38	41	41	20	41	15	30
113.585	1613	0.65	M_2			237	324	402	478	586	456	1080	861
			c			5.9	4.5	3.5	3.0	2.7	3.1	1.5	1.9
			$n_{2\,Eck}$			36	33	36	36	17	36	13	26
			$n_{2\,th}$			36	33	36	36	17	36	13	26
129.074	1612	0.65	M_2			271	371	458	546	669	521	1230	980
			c			5.1	3.9	3.1	2.6	2.4	2.8	1.3	1.6
			$n_{2\,Eck}$			31	29	31	31	15	31	12	23
			$n_{2\,th}$			31	29	31	31	15	31	12	23
141.289	1316	0.46	M_2		192								
			c		5.9								
			$n_{2\,Eck}$		29								
			$n_{2\,th}$		29								
141.289	1613	0.46	M_2			299	407	503	599	734	571	1348	1075
			c			4.7	3.6	2.8	2.4	2.2	2.5	1.2	1.5
			$n_{2\,Eck}$			29	27	29	29	14	29	11	21
			$n_{2\,th}$			29	27	29	29	14	29	11	21
160.556	1495	0.46	M_2		218								
			c		5.9								
			$n_{2\,Eck}$		25								
			$n_{2\,th}$		25								
160.556	1623	0.46	M_2			341	465	574	682	836	651	1533	1223
			c			4.2	3.2	2.5	2.1	1.9	2.2	1.1	1.3
			$n_{2\,Eck}$			25	23	25	25	12	25	9	19
			$n_{2\,th}$			25	23	25	25	12	25	9	19
182.844	1365	0.30	M_2	199	252								
			c	5.9	4.7								
			$n_{2\,Eck}$	22	22								
			$n_{2\,th}$	22	22								
182.844	1613	0.30	M_2			391	532	656	779				
			c			3.6	2.8	2.2	1.9				
			$n_{2\,Eck}$			22	21	22	22				
			$n_{2\,th}$			22	21	22	22				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1623$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST09-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
506 2.7 49 49	921 1.6 27 27	749 1.8 56 56	623 2.3 21 21	506 2.7 50 50	1095 1.3 21 21	957 1.5 45 45		1179 1.2 45 45			M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.17	1477	71.867
576 2.6 43 43	1048 1.5 24 24	853 1.7 50 50	709 2.2 18 18	576 2.6 44 44	1245 1.3 18 18	1088 1.4 40 39		1340 1.2 40 39			M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.16	1584	81.667
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.71	1545	93.541
661 2.3 38 38	1203 1.3 21 21	978 1.5 43 43									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.71	1613	93.541
702 2.1 36 36	1276 1.3 20 20	1038 1.4 41 41	864 1.8 15 15	703 2.1 36 36	1516 1.1 15 15	1324 1.2 33 33					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.07	1596	99.167
807 1.9 31 31	1464 1.1 17 17	1191 1.2 36 36									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.65	1613	113.585
919 1.7 27 27		1356 1.1 31 31									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.65	1612	129.074
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.46	1316	141.289
1007 1.5 25 25											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.46	1613	141.289
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.46	1495	160.556
1147 1.3 22 22											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.46	1623	160.556
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.30	1365	182.844
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.30	1613	182.844

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

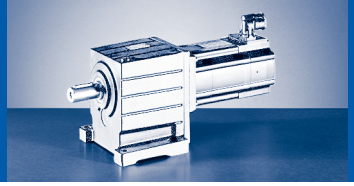
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1623$ Nm

GST09-3S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
207.778	1551	0.30	M_2	226	286								
			c	5.9	4.7								
			$n_{2\,Eck}$	20	20								
			$n_{2\,th}$	19	19								
207.778	1623	0.30	M_2			446	606	747	888				
			c			3.2	2.5	2.0	1.6				
			$n_{2\,Eck}$			20	18	20	20				
			$n_{2\,th}$			19	18	19	19				
236.622	1613	0.28	M_2	259	327	510	693	853	1013				
			c	5.4	4.3	2.8	2.1	1.7	1.4				
			$n_{2\,Eck}$	17	17	17	16	17	17				
			$n_{2\,th}$	17	17	17	16	17	17				
252.167	1569	0.21	M_2	277	350								
			c	4.9	3.9								
			$n_{2\,Eck}$	16	16								
			$n_{2\,th}$	16	16								
252.167	1623	0.21	M_2			545	739	910	1080				
			c			2.7	2.0	1.6	1.4				
			$n_{2\,Eck}$			16	15	16	16				
			$n_{2\,th}$			16	15	16	16				
268.889	1623	0.28	M_2	296	374	582	789	971	1153				
			c	4.8	3.8	2.5	1.9	1.5	1.3				
			$n_{2\,Eck}$	15	15	15	14	15	15				
			$n_{2\,th}$	15	15	15	14	15	15				
326.333	1623	0.20	M_2	363	457	709	961	1182	1403				
			c	3.9	3.1	2.1	1.6	1.2	1.1				
			$n_{2\,Eck}$	12	12	12	12	12	12				
			$n_{2\,th}$	12	12	12	11	12	12				
363.000	1613	0.26	M_2	405	511								
			c	3.5	2.8								
			$n_{2\,Eck}$	11	11								
			$n_{2\,th}$	11	11								
412.500	1623	0.18	M_2	463	582								
			c	3.1	2.5								
			$n_{2\,Eck}$	10	10								
			$n_{2\,th}$	10	10								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1623$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST09-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.30	1551	207.778
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.30	1623	207.778
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.28	1613	236.622
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.21	1569	252.167
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.21	1623	252.167
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.28	1623	268.889
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.20	1623	326.333
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.26	1613	363.000
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.18	1623	412.500

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

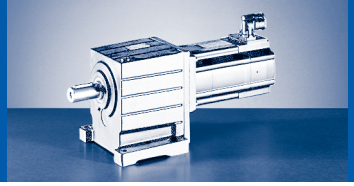
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2396$ Nm

GST11-2S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	9.20	7.50	16.00	14.00	23.00	17.20	30.00
			n_1	1500	3600	1500	3225	1500	3225	1350
			$I_{M\,400}$	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
4.056	888	82.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
4.457	976	79.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
5.324	982	55.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
5.850	1080	53.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
6.400	1118	45.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
6.864	1502	67.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
7.800	1707	65.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
9.010	1663	46.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
9.856	1721	40.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
11.200	1956	39.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
12.571	1191	29.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				163 5.4 257 186	271 4.2 119 119	202 4.4 257 178	357 3.3 107 107
12.571	1849	29.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
14.286	1353	28.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				185 5.4 226 164	308 4.2 105 105	230 4.4 226 157	406 3.3 95 95

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2396$ Nm

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST11-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1425	3000	1425	3000	1350	3000	n_1			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
			150		194	120	M_2	82.20	888	4.056
			5.6		4.4	5.6	c			
			351		333	740	$n_{2\,Eck}$			
			351		333	428	$n_{2\,th}$			
			165		213	132	M_2	79.00	976	4.457
			5.6		4.4	5.6	c			
			320		303	673	$n_{2\,Eck}$			
			320		303	390	$n_{2\,th}$			
			199	143	256	159	M_2	55.40	982	5.324
			4.8	5.2	3.7	4.7	c			
			268	564	254	564	$n_{2\,Eck}$			
			268	374	254	365	$n_{2\,th}$			
			218	157	281	175	M_2	53.50	1080	5.850
			4.8	5.2	3.7	4.7	c			
			244	513	231	513	$n_{2\,Eck}$			
			244	340	231	333	$n_{2\,th}$			
			239	173	308	192	M_2	45.70	1118	6.400
			4.5	4.9	3.5	4.5	c			
			223	469	211	469	$n_{2\,Eck}$			
			223	316	211	310	$n_{2\,th}$			
			254		328	203	M_2	67.50	1502	6.864
			5.6		4.4	5.6	c			
			208		197	437	$n_{2\,Eck}$			
			208		197	253	$n_{2\,th}$			
			288		372	231	M_2	65.10	1707	7.800
			5.6		4.4	5.6	c			
			183		173	385	$n_{2\,Eck}$			
			183		173	223	$n_{2\,th}$			
			336	243	433	269	M_2	46.80	1663	9.010
			4.8	5.2	3.7	4.7	c			
			158	333	150	333	$n_{2\,Eck}$			
			158	221	150	216	$n_{2\,th}$			
			369	266	475	295	M_2	40.20	1721	9.856
			4.5	4.9	3.5	4.5	c			
			145	304	137	304	$n_{2\,Eck}$			
			145	205	137	201	$n_{2\,th}$			
			419	302	540	335	M_2	39.00	1956	11.200
			4.5	4.9	3.5	4.5	c			
			127	268	121	268	$n_{2\,Eck}$			
			127	181	121	177	$n_{2\,th}$			
249							M_2	29.40	1191	12.571
3.6							c			
257							$n_{2\,Eck}$			
171							$n_{2\,th}$			
	314	244	474	342	609	379	M_2	29.40	1849	12.571
	5.6	5.7	3.8	4.2	3.0	3.8	c			
	113	239	113	239	107	239	$n_{2\,Eck}$			
	113	176	113	176	107	173	$n_{2\,th}$			
283							M_2	28.70	1353	14.286
3.6							c			
226							$n_{2\,Eck}$			
150							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

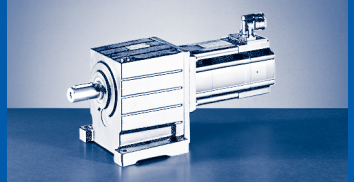
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2396$ Nm

GST11-2S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	9.20	7.50	16.00	14.00	23.00	17.20	30.00
			n_1	1500	3600	1500	3225	1500	3225	1350
			$I_{M\,400}$	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
14.286	2101	28.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
15.400	1947	23.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
17.500	2212	22.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
20.289	1323	14.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			305 4.2 74 74	266 4.2 159 147	444 2.9 74 74	330 3.4 159 141	583 2.2 67 67
20.289	2057	14.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
23.056	1503	14.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			346 4.2 65 65	303 4.2 140 129	504 2.9 65 65	375 3.4 140 124	662 2.2 59 59
23.056	2338	14.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
24.933	1357	10.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			377 3.5 60 60	330 3.5 129 129	548 2.4 60 60	408 2.9 129 129	719 1.9 54 54
24.933	2108	10.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
28.333	1542	10.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			428 3.5 53 53	375 3.5 114 114	623 2.4 53 53	464 2.9 114 114	817 1.9 48 48
28.333	2396	10.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
32.267	1407	7.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	276 4.9 47 46	225 5.1 112 111	492 2.8 47 46	430 2.8 100 100	713 2.0 47 46	531 2.3 100 100	934 1.5 42 42
36.667	1598	6.93	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	314 4.9 41 41	256 5.1 98 98	559 2.8 41 41	489 2.8 88 88	810 2.0 41 41	604 2.3 88 88	1062 1.5 37 37

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

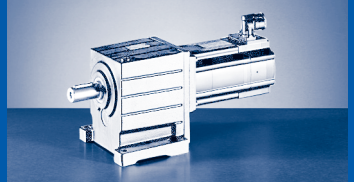


$M_{2\,GN} \leq 2396$ Nm

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST11-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1425	3000	1425	3000	1350	3000	n_1			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
	356	277	538	389	693	431	M_2	28.70	2101	14.286
	5.6	5.7	3.8	4.2	3.0	3.8	c			
	100	210	100	210	95	210	$n_{2\,Eck}$			
	100	155	100	155	95	152	$n_{2\,th}$			
	388	299	584	420	750	465	M_2	23.00	1947	15.400
	4.8	5.6	3.3	4.1	2.6	3.7	c			
	93	195	93	195	88	195	$n_{2\,Eck}$			
	93	144	93	144	88	144	$n_{2\,th}$			
	440	340	663	477	852	528	M_2	22.50	2212	17.500
	4.8	5.6	3.3	4.1	2.6	3.7	c			
	81	171	81	171	77	171	$n_{2\,Eck}$			
	81	126	81	126	77	126	$n_{2\,th}$			
406							M_2	14.30	1323	20.289
2.8							c			
159							$n_{2\,Eck}$			
136							$n_{2\,th}$			
	516	399	774	558	993	617	M_2	14.30	2057	20.289
	3.9	4.5	2.6	3.3	2.1	3.0	c			
	70	148	70	148	67	148	$n_{2\,Eck}$			
	70	109	70	109	67	109	$n_{2\,th}$			
461							M_2	14.10	1503	23.056
2.8							c			
140							$n_{2\,Eck}$			
119							$n_{2\,th}$			
	586	453	880	634	1128	701	M_2	14.10	2338	23.056
	3.9	4.5	2.6	3.3	2.1	3.0	c			
	62	130	62	130	59	130	$n_{2\,Eck}$			
	62	96	62	96	59	96	$n_{2\,th}$			
501							M_2	10.60	1357	24.933
2.4							c			
129							$n_{2\,Eck}$			
125							$n_{2\,th}$			
	638	494	956	689	1225	762	M_2	10.60	2108	24.933
	3.2	3.7	2.2	2.7	1.7	2.5	c			
	57	120	57	120	54	120	$n_{2\,Eck}$			
	57	89	57	89	54	89	$n_{2\,th}$			
569							M_2	10.40	1542	28.333
2.4							c			
114							$n_{2\,Eck}$			
110							$n_{2\,th}$			
	725	561	1086	783	1392	866	M_2	10.40	2396	28.333
	3.2	3.7	2.2	2.7	1.7	2.5	c			
	50	106	50	106	48	106	$n_{2\,Eck}$			
	50	78	50	78	48	78	$n_{2\,th}$			
651							M_2	7.04	1407	32.267
1.9							c			
100							$n_{2\,Eck}$			
100							$n_{2\,th}$			
740							M_2	6.93	1598	36.667
1.9							c			
88							$n_{2\,Eck}$			
88							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

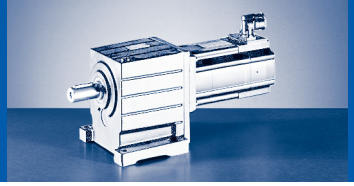


$M_{2\,GN} \leq 2396$ Nm

GST11-2S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	9.20	7.50	16.00	14.00	23.00	17.20	30.00
			n_1	1500	3600	1500	3225	1500	3225	1350
			$I_{M\,400}$	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
39.160	1424	5.15	M_2	338	275	599	524	868	647	1137
			c	4.1	4.2	2.3	2.4	1.6	1.9	1.3
			$n_{2\,Eck}$	38	92	38	82	38	82	35
			$n_{2\,th}$	38	92	38	82	38	82	34
44.500	1618	5.08	M_2	385	311	681	594	987	734	1292
			c	4.1	4.7	2.3	2.6	1.6	2.1	1.3
			$n_{2\,Eck}$	34	81	34	73	34	73	30
			$n_{2\,th}$	34	81	34	72	34	72	30
49.500	1441	3.52	M_2	432	350	761	665	1101	820	1441
			c	3.3	3.8	1.9	2.1	1.3	1.7	1.0
			$n_{2\,Eck}$	30	73	30	65	30	65	27
			$n_{2\,th}$	30	73	30	65	30	65	27
56.250	1637	3.44	M_2	490	398	865	755	1251	932	1637
			c	3.3	3.8	1.9	2.1	1.3	1.7	1.0
			$n_{2\,Eck}$	27	64	27	57	27	57	24
			$n_{2\,th}$	27	64	27	57	27	57	24

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2396$ Nm

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST11-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1425	3000	1425	3000	1350	3000	n_1			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
793 1.6 82 82							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.15	1424	39.160
900 1.7 73 72							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.08	1618	44.500
1004 1.4 65 65							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.52	1441	49.500
1141 1.4 57 57							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.44	1637	56.250

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

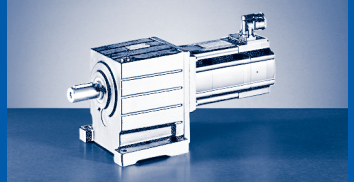
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2848$ Nm

GST11-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
40.816	1216	6.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				167 5.7 99 99					
40.816	1565	6.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							378 4.0 37 37	301 4.5 74 74	282 4.6 86 86
40.816	2165	6.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
44.000	1687	5.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							407 4.0 34 34	322 5.0 68 68	302 5.1 80 80
44.000	2334	5.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
50.000	1917	5.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							463 4.0 30 30	366 5.0 60 60	343 5.1 71 71
50.000	2652	5.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
57.968	2222	4.77	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							537 4.0 26 26	425 5.0 52 52	398 5.1 61 61
57.968	2577	4.77	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
61.250	2017	4.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							570 3.5 25 24	452 4.3 49 49	424 4.4 58 58
61.250	2725	4.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
71.011	2339	3.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							661 3.5 21 21	524 4.3 42 42	491 4.4 50 50
71.011	2637	3.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2848$ Nm

12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST11-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
11.8										$I_{M\,230}$			
5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.36	1216	40.816
516 3.0 48 48	420 3.0 99 99									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.36	1565	40.816
				608 3.5 37 37	532 3.5 79 79	884 2.4 37 37	658 2.8 79 79	1160 1.9 33 33	808 2.3 79 79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.36	2165	40.816
556 3.0 44 44	451 3.3 92 92									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.66	1687	44.000
				655 3.5 34 34	571 3.9 73 73	953 2.4 34 34	707 3.2 73 73	1250 1.9 31 31	868 2.6 73 73	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.66	2334	44.000
632 3.0 39 39	513 3.3 81 81									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.60	1917	50.000
				745 3.5 30 30	649 3.9 65 65	1083 2.4 30 30	803 3.2 65 65	1421 1.9 27 27	987 2.6 65 65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.60	2652	50.000
732 3.0 34 34	595 3.3 70 70									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.77	2222	57.968
		488 5.1 26 26	394 5.8 62 62	869 2.9 26 26	757 3.2 56 56	1261 2.0 26 26	937 2.6 56 56	1652 1.6 23 23	1149 2.2 56 56	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.77	2577	57.968
777 2.6 32 32	632 2.8 66 66									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.08	2017	61.250
		516 5.1 25 24	417 5.8 59 59	918 2.9 25 24	800 3.3 53 53	1332 2.0 25 24	989 2.6 53 53	1746 1.6 22 22	1214 2.2 53 53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.08	2725	61.250
901 2.6 28 27	732 2.8 57 57									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.52	2339	71.011
		603 4.2 21 21	488 4.9 51 51	1070 2.4 21 21	933 2.7 45 45	1550 1.7 21 21	1153 2.2 45 45	2030 1.3 19 19	1413 1.8 45 45	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.52	2637	71.011

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

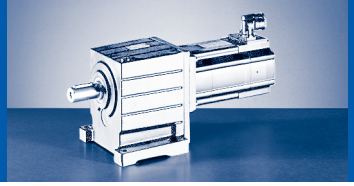
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2848$ Nm

GST11-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
80.694	2658	3.50	M_2							751	596	558
			c							3.5	4.3	4.4
			$n_{2\,Eck}$							19	37	44
			$n_{2\,th}$							19	37	44
80.694	2787	3.50	M_2									
			c									
			$n_{2\,Eck}$									
			$n_{2\,th}$									
87.267	2657	3.22	M_2					436		815	646	606
			c					5.8		3.2	4.0	4.0
			$n_{2\,Eck}$					22		17	34	40
			$n_{2\,th}$					22		17	34	40
99.167	2810	3.20	M_2					497		928	737	690
			c					5.4		3.0	3.7	3.8
			$n_{2\,Eck}$					20		15	30	36
			$n_{2\,th}$					20		15	30	36
112.933	2695	2.93	M_2					572	443	1062	844	791
			c					4.5	5.3	2.5	3.1	3.2
			$n_{2\,Eck}$					17	36	13	27	31
			$n_{2\,th}$					17	36	13	27	31
129.074	2651	1.94	M_2			449	536					
			c			5.1	4.3					
			$n_{2\,Eck}$			31	31					
			$n_{2\,th}$			31	31					
129.074	2810	1.94	M_2					656	509	1217	968	907
			c					4.1	4.8	2.3	2.9	2.9
			$n_{2\,Eck}$					15	31	12	23	27
			$n_{2\,th}$					15	31	12	23	27
146.993	2695	1.77	M_2		414	514	613	753	585	1391	1107	1038
			c		5.8	4.6	3.9	3.5	4.0	1.9	2.4	2.4
			$n_{2\,Eck}$		26	28	28	13	28	10	20	24
			$n_{2\,th}$		26	28	28	13	28	10	20	24
158.194	2779	1.40	M_2		447	554	661					
			c		5.5	4.4	3.7					
			$n_{2\,Eck}$		24	26	26					
			$n_{2\,th}$		24	26	26					
158.194	2810	1.40	M_2					811	630	1498	1193	1118
			c					3.4	3.9	1.9	2.3	2.4
			$n_{2\,Eck}$					12	26	10	19	22
			$n_{2\,th}$					12	26	9	19	22
180.156	2695	1.29	M_2		513	636	757	929	723	1712	1364	1278
			c		4.7	3.7	3.2	2.9	3.3	1.6	2.0	2.0
			$n_{2\,Eck}$		21	23	23	11	23	8	17	20
			$n_{2\,th}$		21	22	22	11	22	8	17	20
207.778	2810	0.88	M_2	435	595	736	876	1074	836	1977	1576	1477
			c	5.6	4.2	3.4	2.9	2.6	3.0	1.4	1.8	1.8
			$n_{2\,Eck}$	20	18	20	20	9	20	7	14	17
			$n_{2\,th}$	19	18	19	19	9	19	7	14	17
236.622	2695	0.82	M_2	500	682	843	1003	1229	957	2257	1800	1687
			c	4.7	3.6	2.8	2.4	2.2	2.5	1.2	1.5	1.5
			$n_{2\,Eck}$	17	16	17	17	8	17	6	13	15
			$n_{2\,th}$	17	16	17	17	8	17	6	13	15

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

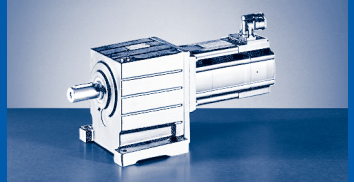


$M_{2\,GN} \leq 2848$ Nm

12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST11-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
11.8										$I_{M\,230}$			
5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
1024	832									M_2	3.50	2658	80.694
2.6	2.8									c			
24	50									$n_{2\,Eck}$			
24	50									$n_{2\,th}$			
		688	557	1218	1062	1763	1312	2309	1608	M_2	3.50	2787	80.694
		3.9	4.5	2.3	2.5	1.6	2.1	1.2	1.7	c			
		19	45	19	40	19	40	17	40	$n_{2\,Eck}$			
		19	44	19	40	19	40	17	40	$n_{2\,th}$			
1110	902	747	606	1321	1153	1910	1422	2500	1743	M_2	3.22	2657	87.267
2.4	2.6	3.5	4.0	2.0	2.2	1.4	1.8	1.1	1.5	c			
22	46	17	41	17	37	17	37	16	37	$n_{2\,Eck}$			
22	46	17	41	17	37	17	37	15	37	$n_{2\,th}$			
1263	1027	852	691	1503	1312	2173	1618		1982	M_2	3.20	2810	99.167
2.2	2.4	3.2	3.7	1.9	2.1	1.3	1.7		1.4	c			
20	41	15	36	15	33	15	33		33	$n_{2\,Eck}$			
20	41	15	36	15	33	15	33		33	$n_{2\,th}$			
1444	1174	975	791	1717	1499	2480	1848		2263	M_2	2.93	2695	112.933
1.9	2.1	2.7	3.1	1.6	1.7	1.1	1.4		1.2	c			
17	36	13	32	13	29	13	29		29	$n_{2\,Eck}$			
17	36	13	32	13	29	13	29		29	$n_{2\,th}$			
										M_2	1.94	2651	129.074
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
1653	1344	1117	907	1965	1716		2115		2589	M_2	1.94	2810	129.074
1.7	1.9	2.5	2.9	1.4	1.6		1.3		1.1	c			
15	31	12	28	12	25		25		25	$n_{2\,Eck}$			
15	31	12	28	12	25		25		25	$n_{2\,th}$			
1888	1536	1278	1038	2243	1960		2414			M_2	1.77	2695	146.993
1.4	1.6	2.1	2.4	1.2	1.3		1.1			c			
13	28	10	25	10	22		22			$n_{2\,Eck}$			
13	28	10	24	10	22		22			$n_{2\,th}$			
										M_2	1.40	2779	158.194
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
2033	1654	1376	1118	2415	2110		2599			M_2	1.40	2810	158.194
1.4	1.5	2.0	2.3	1.2	1.3		1.1			c			
12	26	10	23	10	20		20			$n_{2\,Eck}$			
12	26	9	23	9	20		20			$n_{2\,th}$			
2320	1888	1572	1278		2408					M_2	1.29	2695	180.156
1.2	1.3	1.7	2.0		1.1					c			
11	23	8	20		18					$n_{2\,Eck}$			
11	22	8	20		18					$n_{2\,th}$			
2679	2180									M_2	0.88	2810	207.778
1.1	1.2									c			
9	20									$n_{2\,Eck}$			
9	19									$n_{2\,th}$			
										M_2	0.82	2695	236.622
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

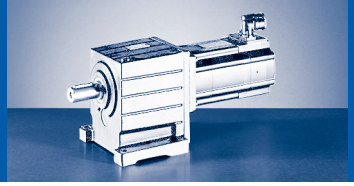


$M_{2\,GN} \leq 2848$ Nm

GST11-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
252.167	2810	0.63	M_2	533	728	899	1069	1310	1020	2406	1919	1798
			c	4.6	3.5	2.8	2.4	2.1	2.5	1.2	1.5	1.5
			$n_{2\,Eck}$	16	15	16	16	8	16	6	12	14
			$n_{2\,th}$	16	15	16	16	8	16	6	12	14
268.889	2848	0.82	M_2	570	777	960	1141	1398	1090	2567	2047	1919
			c	4.4	3.3	2.6	2.2	2.0	2.3	1.1	1.4	1.4
			$n_{2\,Eck}$	15	14	15	15	7	15	6	11	13
			$n_{2\,th}$	15	14	15	15	7	15	6	11	13
326.333	2848	0.59	M_2	698	949	1171	1391	1703	1328		2491	2335
			c	3.6	2.7	2.2	1.8	1.7	1.9		1.1	1.2
			$n_{2\,Eck}$	12	12	12	12	6	12		9	11
			$n_{2\,th}$	12	11	12	12	6	12		9	11
363.000	2695	0.76	M_2	781	1060	1307	1552					
			c	3.1	2.3	1.9	1.6					
			$n_{2\,Eck}$	11	10	11	11					
			$n_{2\,th}$	11	10	11	11					
412.500	2848	0.55	M_2	889	1207	1487	1766					
			c	2.8	2.2	1.7	1.5					
			$n_{2\,Eck}$	10	9	10	10					
			$n_{2\,th}$	10	9	10	10					

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2848$ Nm

12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GST11-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
11.8										$I_{M\,230}$			
5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.63	2810	252.167
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.82	2848	268.889
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.59	2848	326.333
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.76	2695	363.000
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.55	2848	412.500

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

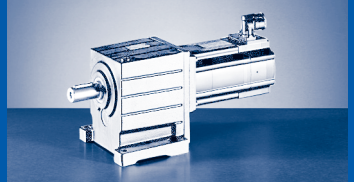
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3107$ Nm

GST14-2S				19FC14	19FC30	19JC14	19JC30	19PC14	19PC30
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	27.00	21.00	40.00	29.00	51.00	32.00
			n_1	1425	3000	1425	3000	1350	3000
			$I_{M\,400}$	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
5.200	1201	168.00	M_2			192		248	153
			c			6.0		4.7	5.9
			$n_{2\,Eck}$			274		260	577
			$n_{2\,th}$			274		260	328
5.714	1320	161.00	M_2			210		272	168
			c			6.0		4.7	5.9
			$n_{2\,Eck}$			249		236	525
			$n_{2\,th}$			249		236	299
6.286	1364	141.00	M_2			232		300	186
			c			5.6		4.4	5.6
			$n_{2\,Eck}$			227		215	477
			$n_{2\,th}$			227		215	276
8.027	1467	100.00	M_2			300	216	386	240
			c			4.7	5.2	3.7	4.7
			$n_{2\,Eck}$			178	374	168	374
			$n_{2\,th}$			178	247	168	242
8.800	2033	139.00	M_2			324		419	259
			c			6.0		4.7	5.9
			$n_{2\,Eck}$			162		153	341
			$n_{2\,th}$			162		153	194
9.841	1546	75.10	M_2	245		370	267	476	296
			c	6.0		4.1	4.4	3.2	4.0
			$n_{2\,Eck}$	145		145	305	137	305
			$n_{2\,th}$	145		145	219	137	214
11.000	2386	119.00	M_2			407		525	326
			c			5.6		4.4	5.6
			$n_{2\,Eck}$			130		123	273
			$n_{2\,th}$			130		123	158
12.362	2260	89.00	M_2			461	333	595	369
			c			4.7	5.2	3.7	4.7
			$n_{2\,Eck}$			115	243	109	243
			$n_{2\,th}$			115	161	109	157
14.048	2568	86.60	M_2			524	378	676	420
			c			4.7	5.2	3.7	4.7
			$n_{2\,Eck}$			101	214	96	214
			$n_{2\,th}$			101	141	96	138
15.156	2381	67.60	M_2	377		570	409	733	453
			c	6.0		4.1	5.0	3.2	4.6
			$n_{2\,Eck}$	94		94	198	89	198
			$n_{2\,th}$	94		94	146	89	143
17.222	2705	66.00	M_2	428		647	464	833	515
			c	6.0		4.1	5.0	3.2	4.6
			$n_{2\,Eck}$	83		83	174	78	174
			$n_{2\,th}$	83		83	128	78	126
20.044	2507	45.80	M_2	505	389	760	546	976	605
			c	4.8	5.5	3.2	4.0	2.5	3.6
			$n_{2\,Eck}$	71	150	71	150	67	150
			$n_{2\,th}$	71	110	71	110	67	110
22.778	2849	44.90	M_2	573	442	864	621	1109	688
			c	4.8	5.5	3.2	4.0	2.5	3.6
			$n_{2\,Eck}$	63	132	63	132	59	132
			$n_{2\,th}$	63	97	63	97	59	97

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3107$ Nm

GST14-2S				19FC14	19FC30	19JC14	19JC30	19PC14	19PC30
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	27.00	21.00	40.00	29.00	51.00	32.00
			n_1	1425	3000	1425	3000	1350	3000
			$I_{M\,400}$	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
24.567	2627	33.20	M_2	623	481	936	674	1201	746
			c	4.1	4.7	2.8	3.4	2.2	3.1
			$n_{2\,Eck}$	58	122	58	122	55	122
			$n_{2\,th}$	58	90	58	90	55	90
27.917	2985	32.60	M_2	708	547	1064	766	1365	848
			c	4.1	4.7	2.8	3.4	2.2	3.1
			$n_{2\,Eck}$	51	108	51	108	48	108
			$n_{2\,th}$	51	79	51	79	48	79
32.267	2701	21.50	M_2	826	639	1237	892	1585	987
			c	3.2	3.7	2.2	2.7	1.7	2.4
			$n_{2\,Eck}$	44	93	44	93	42	93
			$n_{2\,th}$	44	69	44	69	42	69
36.667	3069	21.20	M_2	939	726	1406	1014	1801	1122
			c	3.2	3.7	2.2	2.7	1.7	2.4
			$n_{2\,Eck}$	39	82	39	82	37	82
			$n_{2\,th}$	39	60	39	60	37	60
39.160	2734	15.70	M_2	1008	781	1507	1088	1929	1203
			c	2.7	3.1	1.8	2.2	1.4	2.0
			$n_{2\,Eck}$	36	77	36	77	35	77
			$n_{2\,th}$	36	56	36	56	34	56
44.500	3107	15.50	M_2	1146	884	1713	1233	2193	1364
			c	2.7	3.4	1.8	2.5	1.4	2.3
			$n_{2\,Eck}$	32	67	32	67	30	67
			$n_{2\,th}$	32	50	32	50	30	50

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

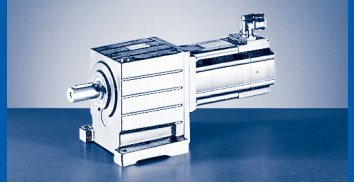
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5920$ Nm

GST14-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
40.185	3459	24.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										585 5.6 37 37
40.185	4476	24.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
42.580	2052	18.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			390 5.0 35 35			534 3.7 46 46	433 4.2 95 84			
42.580	3211	18.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										624 4.9 35 35
42.580	4262	18.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
48.386	2332	18.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			443 5.0 31 31			606 3.7 40 40	492 4.2 84 74			
48.386	3649	18.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										709 4.9 31 31
48.386	4843	18.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
53.148	4574	20.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										773 5.6 28 28
53.148	4779	20.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
59.321	3840	13.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										876 4.2 25 25
59.321	5267	13.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
69.042	4470	11.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										1020 4.2 22 22

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5920$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST14-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
511	856	636	1128	783							M_2	24.40	3459	40.185
5.7	3.9	4.6	3.0	3.8							c			
80	37	80	34	80							$n_{2\,Eck}$			
80	37	80	34	77							$n_{2\,th}$			
					1001	773	1505	1083	1932	1200	M_2	24.40	4476	40.185
					4.3	5.0	2.9	3.6	2.3	3.3	c			
					36	75	36	75	34	75	$n_{2\,Eck}$			
					35	55	35	55	34	55	$n_{2\,th}$			
											M_2	18.30	2052	42.580
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
543	912	674	1200	831							M_2	18.30	3211	42.580
5.5	3.4	4.5	2.6	3.7							c			
76	35	76	32	76							$n_{2\,Eck}$			
76	35	76	32	76							$n_{2\,th}$			
					1066	819	1600	1148	2052	1271	M_2	18.30	4262	42.580
					3.9	5.0	2.6	3.6	2.1	3.3	c			
					34	71	34	71	32	71	$n_{2\,Eck}$			
					33	52	33	52	32	52	$n_{2\,th}$			
											M_2	18.10	2332	48.386
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
617	1036	766	1364	944							M_2	18.10	3649	48.386
5.5	3.4	4.5	2.6	3.7							c			
67	31	67	28	67							$n_{2\,Eck}$			
67	31	67	28	67							$n_{2\,th}$			
					1211	931	1818	1304	2332	1445	M_2	18.10	4843	48.386
					3.9	5.0	2.6	3.6	2.1	3.3	c			
					30	62	30	62	28	62	$n_{2\,Eck}$			
					29	46	29	46	28	46	$n_{2\,th}$			
	1133	836	1492	1031							M_2	20.50	4574	53.148
	3.9	5.1	3.0	4.2							c			
	28	61	25	61							$n_{2\,Eck}$			
	28	61	25	59							$n_{2\,th}$			
					1336	1028	2003	1438	2568	1592	M_2	20.50	4779	53.148
					3.5	4.5	2.4	3.2	1.9	2.9	c			
					27	57	27	57	25	57	$n_{2\,Eck}$			
					27	42	27	42	25	42	$n_{2\,th}$			
763	1277	946	1678	1164							M_2	13.20	3840	59.321
4.7	3.0	3.9	2.3	3.2							c			
54	25	54	23	54							$n_{2\,Eck}$			
54	25	54	23	54							$n_{2\,th}$			
					1492	1148	2236	1606	2866	1778	M_2	13.20	5267	59.321
					3.4	4.4	2.3	3.2	1.8	2.9	c			
					24	51	24	51	23	51	$n_{2\,Eck}$			
					24	37	24	37	23	37	$n_{2\,th}$			
888	1487	1101	1953	1354							M_2	11.50	4470	69.042
4.7	3.0	3.9	2.3	3.2							c			
47	22	47	20	47							$n_{2\,Eck}$			
47	22	47	20	47							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

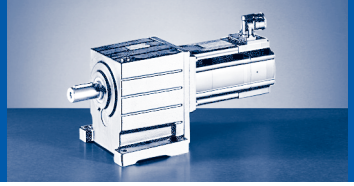
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5920$ Nm

GST14-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
69.042	4917	11.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
78.457	5079	11.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										1159 4.2 19 19
78.457	5587	11.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
93.541	3031	6.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			872 3.4 16 16	691 4.2 32 32	647 4.3 38 38	1188 2.5 21 21	965 2.8 43 43			
93.541	4733	6.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								782 5.8 16 16		1396 3.3 16 16
96.157	5882	10.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										1424 4.0 16 16
106.296	3444	6.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			990 3.4 14 14	785 4.2 28 28	736 4.3 33 33	1350 2.5 18 18	1097 2.8 38 38			
106.296	5378	6.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								888 5.8 14 14		1586 3.3 14 14
130.278	4221	6.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			1214 3.4 12 12	962 4.2 23 23	902 4.3 27 27	1654 2.5 15 15	1344 2.8 31 31			
130.278	5920	6.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								1095 5.2 12 12	885 6.0 28 28	1951 3.0 12 12
139.211	3865	4.42	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	699 5.3 14 14		1304 2.9 11 11	1035 3.6 22 22	970 3.7 25 25	1774 2.2 14 14	1442 2.4 29 29			
139.211	5736	4.42	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								1177 4.7 11 11	952 5.4 26 26	2091 2.7 11 11
158.194	4392	4.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	794 5.3 12 12		1482 2.9 10 9	1176 3.6 19 19	1102 3.7 22 22	2016 2.2 12 12	1639 2.4 26 26			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5920$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST14-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
					1749	1349	2615	1882	3349	2082	M_2			
					2.8	3.6	1.9	2.6	1.5	2.3	c	11.50	4917	69.042
					21	44	21	44	20	44	$n_{2\,Eck}$			
					21	32	21	32	20	32	$n_{2\,th}$			
1009	1689	1251	2220	1539							M_2			
4.7	3.0	3.9	2.3	3.2							c	11.40	5079	78.457
41	19	41	17	41							$n_{2\,Eck}$			
41	19	41	17	41							$n_{2\,th}$			
					1987	1533	2972	2139	3805	2366	M_2			
					2.8	3.6	1.9	2.6	1.5	2.3	c	11.40	5587	78.457
					18	38	18	38	17	38	$n_{2\,Eck}$			
					18	28	18	28	17	28	$n_{2\,th}$			
											M_2			
											c	6.57	3031	93.541
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1216	2028	1505	2660	1849							M_2			
3.7	2.3	3.0	1.8	2.5							c	6.57	4733	93.541
35	16	35	14	35							$n_{2\,Eck}$			
34	16	34	14	34							$n_{2\,th}$			
1240	2074	1537	2724	1890	2446	1888	3653	2631	4674	2910	M_2			
4.5	2.8	3.6	2.1	3.0	2.4	3.1	1.6	2.2	1.3	2.0	c	10.40	5882	96.157
34	16	34	14	34	15	31	15	31	14	31	$n_{2\,Eck}$			
34	16	34	14	34	15	23	15	23	14	23	$n_{2\,th}$			
											M_2			
											c	6.52	3444	106.296
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1382	2305	1711	3023	2101							M_2			
3.7	2.3	3.0	1.8	2.5							c	6.52	5378	106.296
30	14	30	13	30							$n_{2\,Eck}$			
30	14	30	13	30							$n_{2\,th}$			
											M_2			
											c	6.00	4221	130.278
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1701	2832	2103	3712	2581							M_2			
3.3	2.1	2.7	1.6	2.2							c	6.00	5920	130.278
25	12	25	10	25							$n_{2\,Eck}$			
25	12	25	10	25							$n_{2\,th}$			
											M_2			
											c	4.42	3865	139.211
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1823	3032	2254	3973	2764							M_2			
3.0	1.9	2.5	1.4	2.0							c	4.42	5736	139.211
23	11	23	10	23							$n_{2\,Eck}$			
23	11	23	10	23							$n_{2\,th}$			
											M_2			
											c	4.40	4392	158.194
											$n_{2\,Eck}$			
											$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

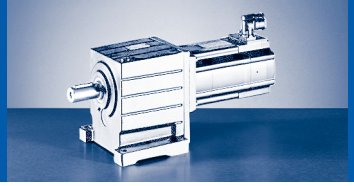
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5920$ Nm

GST14-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
158.194	5920	4.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								1343 4.3 10 9	1087 4.9 23 23	2382 2.5 10 9
171.111	5544	5.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			1594 3.4 9 9	1264 4.2 18 18	1184 4.3 21 21	2173 2.5 11 11	1765 2.8 24 24			
171.111	5920	5.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								1458 3.9 9 9	1181 4.5 21 21	2582 2.3 9 9
204.722	4557	2.86	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1040 4.2 10 10	807 4.9 20 20	1929 2.3 7 7	1534 2.9 15 15	1438 2.9 17 17	2621 1.7 10 10	2131 1.9 20 20			
204.722	5920	2.86	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								1757 3.3 7 7	1424 3.8 18 18	3101 1.9 7 7
236.622	5267	2.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1202 4.2 8 8	933 4.9 17 17	2230 2.3 6 6	1773 2.9 13 13	1662 2.9 15 15	3030 1.7 8 8	2464 1.9 17 17			
236.622	5779	2.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								2042 2.8 6 6	1657 3.2 15 15	3596 1.6 6 6
248.458	4614	2.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1271 3.5 8 8	988 4.1 16 16	2351 1.9 6 6	1871 2.4 12 12	1754 2.5 14 14	3191 1.4 8 8	2596 1.6 16 16			
248.458	5920	2.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								2145 2.7 6 6	1741 3.1 15 14	3777 1.6 6 6
268.889	5920	2.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1366 4.2 7 7	1060 4.9 15 15	2535 2.3 6 6	2015 2.9 11 11	1889 2.9 13 13	3443 1.7 7 7	2800 1.9 15 15	2327 2.5 6 6	1889 2.9 13 13	4093 1.4 6 6
326.333	5920	1.92	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1671 3.5 6 6	1299 4.0 12 12	3089 1.9 5 5	2459 2.4 9 9	2305 2.4 11 11	4192 1.4 6 6	3410 1.6 12 12	2837 2.1 5 5	2305 2.4 11 11	4980 1.2 5 5
363.000	5401	2.45	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1871 2.8 5 5	1456 3.3 11 11	3449 1.6 4 4	2748 2.0 8 8	2575 2.0 10 10	4676 1.2 5 5	3805 1.3 11 11			
412.500	5920	1.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2129 2.7 5 5	1657 3.2 10 10	3921 1.5 4 4	3125 1.9 7 7	2929 1.9 9 9	5316 1.1 5 5	4326 1.2 10 10			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5920$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GST14-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.04	160.04	J_M			
2078	3452	2567	4521	3148							M_2	4.40	5920	158.194
2.7	1.7	2.2	1.3	1.8							c			
20	10	20	9	20							$n_{2\,Eck}$			
20	9	20	9	20							$n_{2\,th}$			
											M_2	5.49	5544	171.111
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
2253	3739	2782	4895	3410							M_2	5.49	5920	171.111
2.5	1.6	2.1	1.2	1.7							c			
19	9	19	8	19							$n_{2\,Eck}$			
19	9	19	8	19							$n_{2\,th}$			
											M_2	2.86	4557	204.722
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
2707	4485	3340	5869	4091							M_2	2.86	5920	204.722
2.1	1.3	1.7	1.0	1.4							c			
16	7	16	7	16							$n_{2\,Eck}$			
16	7	16	7	16							$n_{2\,th}$			
											M_2	2.65	5267	236.622
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
3140	5195	3871		4739							M_2	2.65	5779	236.622
1.8	1.1	1.5		1.2							c			
14	6	14		14							$n_{2\,Eck}$			
14	6	14		14							$n_{2\,th}$			
											M_2	2.06	4614	248.458
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
3299	5456	4066		4978							M_2	2.06	5920	248.458
1.7	1.1	1.4		1.2							c			
13	6	13		13							$n_{2\,Eck}$			
13	6	13		13							$n_{2\,th}$			
3575	5910	4406		5392							M_2	2.65	5920	268.889
1.6	1.0	1.3		1.1							c			
12	6	12		12							$n_{2\,Eck}$			
12	6	12		12							$n_{2\,th}$			
4351		5360									M_2	1.92	5920	326.333
1.3		1.1									c			
10		10									$n_{2\,Eck}$			
10		10									$n_{2\,th}$			
											M_2	2.45	5401	363.000
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
											M_2	1.78	5920	412.500
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

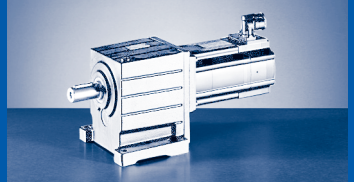
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 25$ Nm

GST04-1A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
1.600	19	0.27	M_2	20	10	6
			c	5.1	1.5	2.2
			$n_{2\,Eck}$	1023	2131	2531
			$n_{2\,th}$	2439	1841	2159
2.048	23	0.19	M_2	4	13	8
			c	4.1	1.4	2.0
			$n_{2\,Eck}$	1929	1665	1978
			$n_{2\,th}$	1929	1623	1966
2.240	25	0.17	M_2	4	14	9
			c	4.1	1.4	2.0
			$n_{2\,Eck}$	1763	1522	1808
			$n_{2\,th}$	1763	1522	1808
2.857	25	0.13	M_2	6	18	11
			c	3.2	1.1	1.6
			$n_{2\,Eck}$	1383	1194	1418
			$n_{2\,th}$	1383	1194	1418
3.500	25	0.10	M_2	7		14
			c	2.6		1.3
			$n_{2\,Eck}$	1129		1157
			$n_{2\,th}$	1129		1157
4.400	25	0.07	M_2	9		
			c	2.1		
			$n_{2\,Eck}$	898		
			$n_{2\,th}$	898		
5.667	25	0.05	M_2	11		
			c	1.6		
			$n_{2\,Eck}$	697		
			$n_{2\,th}$	697		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 71$ Nm

GST04-2A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
2.956	39	0.34	M_2	6	18	11
			c	4.9	1.7	2.5
			$n_{2\,Eck}$	1337	1154	1370
			$n_{2\,th}$	1218	923	1066
3.333	42	0.32	M_2	6	20	13
			c	4.7	1.6	2.3
			$n_{2\,Eck}$	1185	1023	1215
			$n_{2\,th}$	1070	795	935
4.053	45	0.31	M_2	8	25	16
			c	4.1	1.4	2.1
			$n_{2\,Eck}$	975	841	999
			$n_{2\,th}$	953	707	842
4.571	48	0.30	M_2	9	28	18
			c	3.9	1.3	1.9
			$n_{2\,Eck}$	864	746	886
			$n_{2\,th}$	837	612	736
5.187	50	0.22	M_2	10	32	20
			c	3.6	1.2	1.8
			$n_{2\,Eck}$	762	657	781
			$n_{2\,th}$	761	604	733
5.850	53	0.22	M_2	11	36	23
			c	3.4	1.1	1.7
			$n_{2\,Eck}$	675	583	692
			$n_{2\,th}$	675	523	630
6.400	55	0.19	M_2	12	39	25
			c	3.2	1.1	1.6
			$n_{2\,Eck}$	617	533	633
			$n_{2\,th}$	617	492	585
7.040	57	0.26	M_2	13	43	27
			c	3.0	1.0	1.5
			$n_{2\,Eck}$	561	484	575
			$n_{2\,th}$	520	359	421
8.000	59	0.26	M_2	15		31
			c	2.7		1.4
			$n_{2\,Eck}$	494		506
			$n_{2\,th}$	450		356
9.010	63	0.19	M_2	17		35
			c	2.6		1.3
			$n_{2\,Eck}$	438		450
			$n_{2\,th}$	438		359
9.856	65	0.17	M_2	19		38
			c	2.5		1.2
			$n_{2\,Eck}$	401		411
			$n_{2\,th}$	401		336
11.200	60	0.17	M_2	22		
			c	2.0		
			$n_{2\,Eck}$	353		
			$n_{2\,th}$	353		
12.571	69	0.13	M_2	24		49
			c	2.1		1.0
			$n_{2\,Eck}$	314		322
			$n_{2\,th}$	314		286

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

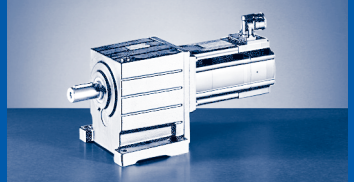
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 71$ Nm

GST04-2A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
14.286	61	0.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	28 1.6 277 277		
15.400	70	0.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	30 1.9 257 256		
17.500	62	0.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	34 1.5 226 226		
19.360	70	0.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	37 1.5 204 204		
22.000	62	0.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	43 1.2 180 180		
24.933	71	0.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	48 1.2 158 158		

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 54$ Nm

GST05-1A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
1.600	45	0.76	M_2		10	6	19	10	17	8
			c		3.4	5.1	2.3	3.9	2.0	3.8
			$n_{2\,Eck}$		2131	2531	1022	1250	2159	2563
			$n_{2\,th}$		2056	2215	1022	1250	1847	2093
2.048	53	0.55	M_2		12	8	24	13	22	11
			c		3.1	4.7	2.1	3.5	1.8	3.5
			$n_{2\,Eck}$		1665	1978	799	977	1687	2002
			$n_{2\,th}$		1665	1856	798	977	1525	1753
2.240	53	0.48	M_2		14	9	26	14	24	12
			c		2.9	4.3	2.0	3.3	1.7	3.2
			$n_{2\,Eck}$		1522	1808	730	893	1542	1830
			$n_{2\,th}$		1522	1733	730	893	1397	1603
2.857	53	0.35	M_2		18	11	34	19	30	15
			c		2.3	3.4	1.5	2.6	1.3	2.5
			$n_{2\,Eck}$		1194	1418	572	700	1209	1435
			$n_{2\,th}$		1194	1418	572	700	1157	1257
3.500	54	0.27	M_2	7	22	14	41	23	37	18
			c	5.7	1.9	2.8	1.3	2.1	1.1	2.1
			$n_{2\,Eck}$	1129	974	1157	467	571	987	1171
			$n_{2\,th}$	1129	974	1157	467	571	987	1026
4.556	54	0.18	M_2	9	28	18				
			c	4.4	1.5	2.2				
			$n_{2\,Eck}$	867	749	889				
			$n_{2\,th}$	867	749	889				
5.667	54	0.13	M_2	11	35	22				
			c	3.5	1.2	1.7				
			$n_{2\,Eck}$	697	602	715				
			$n_{2\,th}$	697	602	715				
7.333	47	0.06	M_2	14						
			c	2.3						
			$n_{2\,Eck}$	539						
			$n_{2\,th}$	539						
8.900	42	0.06	M_2	17						
			c	1.7						
			$n_{2\,Eck}$	444						
			$n_{2\,th}$	444						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

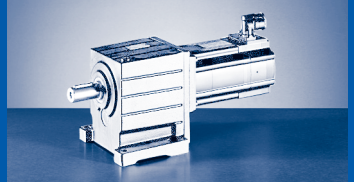
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 165$ Nm

GST05-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
2.956	63	0.99	M_2		18	11	34	19	31	15
			c		2.7	4.0	1.8	3.0	1.5	2.9
			$n_{2\,Eck}$		1154	1370	553	677	1169	1387
			$n_{2\,th}$		899	975	553	677	735	917
3.333	78	0.94	M_2		20	12	38	21	35	17
			c		2.9	4.3	2.0	3.3	1.7	3.2
			$n_{2\,Eck}$		1023	1215	491	600	1037	1230
			$n_{2\,th}$		813	880	491	600	684	828
4.053	81	0.90	M_2		24	15	47	26	42	21
			c		2.5	3.7	1.7	2.8	1.5	2.7
			$n_{2\,Eck}$		841	999	403	493	852	1012
			$n_{2\,th}$		762	824	403	493	611	776
4.571	91	0.86	M_2		28	17	53	29	48	24
			c		2.5	3.7	1.7	2.8	1.4	2.7
			$n_{2\,Eck}$		746	886	358	438	756	897
			$n_{2\,th}$		675	730	358	438	541	688
5.187	90	0.64	M_2		31	20	60	33	54	27
			c		2.2	3.2	1.5	2.4	1.3	2.4
			$n_{2\,Eck}$		657	781	315	386	666	790
			$n_{2\,th}$		637	686	315	386	504	649
5.850	101	0.61	M_2		35	22	68	37	61	30
			c		2.2	3.2	1.5	2.4	1.3	2.4
			$n_{2\,Eck}$		583	692	280	342	591	701
			$n_{2\,th}$		565	608	279	342	447	575
6.400	105	0.53	M_2		39	24	74	41	67	33
			c		2.0	3.0	1.4	2.3	1.2	2.2
			$n_{2\,Eck}$		533	633	256	313	540	641
			$n_{2\,th}$		531	571	255	313	419	541
7.238	108	0.40	M_2	13	44	28	84	47	76	38
			c	5.6	1.9	2.8	1.3	2.1	1.1	2.0
			$n_{2\,Eck}$	546	471	560	226	276	477	567
			$n_{2\,th}$	546	471	560	226	276	419	496
8.163	115	0.39	M_2	15	50	31	95	53	86	42
			c	5.3	1.8	2.6	1.2	2.0	1.0	1.9
			$n_{2\,Eck}$	484	418	496	200	245	423	502
			$n_{2\,th}$	484	418	496	200	245	363	440
9.010	119	0.54	M_2	17	55	34	105	58		47
			c	4.9	1.6	2.4	1.1	1.8		1.8
			$n_{2\,Eck}$	438	379	450	182	222		455
			$n_{2\,th}$	426	328	376	181	222		344
10.000	124	0.30	M_2	19	61	38	116	65		52
			c	4.6	1.6	2.3	1.0	1.7		1.7
			$n_{2\,Eck}$	395	341	405	164	200		410
			$n_{2\,th}$	395	341	405	164	200		359
11.200	128	0.46	M_2	21	68	43		72		58
			c	4.3	1.4	2.1		1.6		1.6
			$n_{2\,Eck}$	353	305	362		179		366
			$n_{2\,th}$	346	258	306		179		269
13.016	137	0.18	M_2	24	79	50				
			c	3.9	1.3	2.0				
			$n_{2\,Eck}$	304	262	311				
			$n_{2\,th}$	303	262	311				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 165$ Nm

GST05-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
14.356	140	0.13	M_2	27	88	55				
			c	3.6	1.2	1.8				
			$n_{2\,Eck}$	275	238	282				
			$n_{2\,th}$	275	238	282				
16.190	148	0.13	M_2	30	99	62				
			c	3.9	1.3	1.9				
			$n_{2\,Eck}$	244	211	250				
			$n_{2\,th}$	244	211	250				
17.500	142	0.27	M_2	33	107	67		113		91
			c	3.4	1.2	1.7		1.3		1.3
			$n_{2\,Eck}$	226	195	231		114		234
			$n_{2\,th}$	226	195	231		114		205
20.044	159	0.16	M_2	38	122	77				
			c	3.4	1.1	1.7				
			$n_{2\,Eck}$	197	170	202				
			$n_{2\,th}$	197	170	202				
22.778	144	0.16	M_2	43		88				
			c	2.7		1.3				
			$n_{2\,Eck}$	173		178				
			$n_{2\,th}$	173		178				
24.933	162	0.12	M_2	48		96				
			c	2.8		1.4				
			$n_{2\,Eck}$	158		162				
			$n_{2\,th}$	158		162				
28.333	147	0.12	M_2	54		110				
			c	2.2		1.1				
			$n_{2\,Eck}$	139		143				
			$n_{2\,th}$	139		143				
32.267	164	0.08	M_2	62						
			c	2.2						
			$n_{2\,Eck}$	122						
			$n_{2\,th}$	122						
36.667	148	0.08	M_2	71						
			c	1.7						
			$n_{2\,Eck}$	108						
			$n_{2\,th}$	108						
39.160	165	0.06	M_2	75						
			c	1.8						
			$n_{2\,Eck}$	101						
			$n_{2\,th}$	101						
44.500	149	0.06	M_2	86						
			c	1.6						
			$n_{2\,Eck}$	89						
			$n_{2\,th}$	89						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

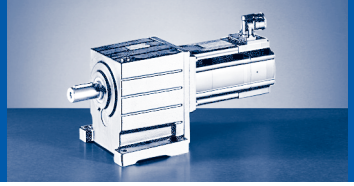
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 167$ Nm

GST05-3A				10IC40
				...S00
i	$M_{2\,GN}$	J_G	M_1	2.00
			n_1	3950
			$I_{M\,400}$	-
			P_N	0.80
			J_M	2.44
36.267	134	0.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	69 1.6 109 109
46.259	145	0.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	88 1.5 85 85
56.667	155	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	108 1.3 70 70
63.467	146	0.19	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	121 1.1 62 62
71.238	167	0.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	136 1.1 56 55

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 105$ Nm

GST06-1A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
1.600	61	2.01	M_2				18	10	17	8	34	17	30	15
			c				3.2	5.3	2.7	5.2	1.8	3.1	1.6	2.9
			$n_{2\,Eck}$				1022	1250	2159	2563	1050	1438	2175	2569
			$n_{2\,th}$				1022	1250	1635	1862	1050	1438	1325	1660
2.048	72	1.46	M_2		12		24	13	21	10	43	21	38	19
			c		4.3		2.9	4.9	2.5	4.8	1.6	2.9	1.4	2.7
			$n_{2\,Eck}$		1665		799	977	1687	2002	821	1123	1700	2007
			$n_{2\,th}$		1628		798	977	1459	1657	820	1123	1148	1481
2.240	79	1.27	M_2		13		26	14	23	11	47	23	42	21
			c		4.3		2.9	4.8	2.5	4.7	1.6	2.9	1.4	2.7
			$n_{2\,Eck}$		1522		730	893	1542	1830	750	1027	1554	1835
			$n_{2\,th}$		1522		730	893	1379	1561	750	1027	1093	1389
2.857	92	0.97	M_2		17	11	33	18	30	15	60	30	53	26
			c		4.0	5.9	2.7	4.5	2.3	4.4	1.5	2.6	1.3	2.5
			$n_{2\,Eck}$		1194	1418	572	700	1209	1435	588	805	1218	1439
			$n_{2\,th}$		1194	1395	572	700	1184	1257	588	805	944	1089
3.500	105	0.74	M_2		21	13	41	22	37	18	74	37	65	32
			c		3.7	5.5	2.5	4.1	2.1	4.0	1.4	2.4	1.2	2.3
			$n_{2\,Eck}$		974	1157	467	571	987	1171	480	657	994	1174
			$n_{2\,th}$		974	1157	467	571	987	1026	480	657	861	889
4.556	105	0.48	M_2		28	17	53	29	48	24				
			c		2.8	4.2	1.9	3.2	1.6	3.1				
			$n_{2\,Eck}$		749	889	359	439	758	900				
			$n_{2\,th}$		749	889	359	439	758	788				
5.667	82	0.36	M_2	11										
			c	5.3										
			$n_{2\,Eck}$	697										
			$n_{2\,th}$	697										
5.667	105	0.36	M_2		35	22	67	37	60	30				
			c		2.3	3.4	1.5	2.6	1.3	2.5				
			$n_{2\,Eck}$		602	715	289	353	610	724				
			$n_{2\,th}$		602	715	289	353	610	634				
7.333	95	0.23	M_2	14										
			c	4.8										
			$n_{2\,Eck}$	539										
			$n_{2\,th}$	539										
7.333	100	0.23	M_2		45	28								
			c		1.7	2.5								
			$n_{2\,Eck}$		465	552								
			$n_{2\,th}$		465	552								
8.900	85	0.17	M_2	17	55	35								
			c	3.5	1.2	1.8								
			$n_{2\,Eck}$	444	383	455								
			$n_{2\,th}$	444	383	455								
11.250	63	0.11	M_2	22										
			c	2.1										
			$n_{2\,Eck}$	351										
			$n_{2\,th}$	351										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

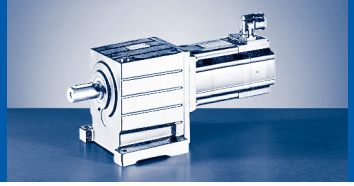
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 368$ Nm

GST06-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
3.033	166	2.72	M_2				34		31		62	31	55	27
			c				4.6		4.0		2.5	4.5	2.3	4.3
			$n_{2\,Eck}$				539		1139		554	758	1147	1355
			$n_{2\,th}$				539		803		554	758	708	815
3.333	174	2.61	M_2				37		34		69	34	61	30
			c				4.4		3.8		2.4	4.3	2.1	4.1
			$n_{2\,Eck}$				491		1037		504	690	1044	1233
			$n_{2\,th}$				491		724		504	690	637	734
4.160	191	2.51	M_2				47		43		86	42	76	37
			c				3.8		3.3		2.1	3.8	1.9	3.6
			$n_{2\,Eck}$				393		831		404	553	837	988
			$n_{2\,th}$				393		656		404	553	569	665
4.571	200	2.41	M_2				52		47	23	94	47	84	41
			c				3.7		3.2	6.0	2.0	3.6	1.8	3.4
			$n_{2\,Eck}$				358		756	897	368	503	761	899
			$n_{2\,th}$				358		590	670	368	503	503	599
5.324	207	1.76	M_2		31		61	33	55	27	110	55	98	48
			c		4.9		3.3	5.4	2.8	5.3	1.8	3.2	1.6	3.0
			$n_{2\,Eck}$		641		307	376	649	770	316	432	654	772
			$n_{2\,th}$		640		307	376	574	651	316	432	470	583
5.850	222	1.71	M_2		34		67	36	60	29	121	60	107	53
			c		4.7		3.2	5.3	2.7	5.2	1.8	3.1	1.6	2.9
			$n_{2\,Eck}$		583		280	342	591	701	287	393	595	703
			$n_{2\,th}$		579		279	342	520	589	287	393	421	527
6.400	229	1.47	M_2		38		73	40	66	32	133	66	117	58
			c		4.5		3.0	5.0	2.6	4.9	1.7	3.0	1.5	2.8
			$n_{2\,Eck}$		533		256	313	540	641	263	359	544	642
			$n_{2\,th}$		533		255	313	487	550	263	359	390	486
7.040	236	2.07	M_2				80	44	73	36	146	72	129	64
			c				2.8	4.7	2.4	4.6	1.6	2.8	1.4	2.6
			$n_{2\,Eck}$				232	284	491	582	239	327	494	584
			$n_{2\,th}$				232	284	362	414	239	327	283	368
8.163	252	1.06	M_2		48	30	94	51	84	41	170	84	150	74
			c		3.8	5.7	2.6	4.3	2.2	4.2	1.4	2.6	1.3	2.4
			$n_{2\,Eck}$		418	496	200	245	423	502	206	282	426	504
			$n_{2\,th}$		418	486	200	245	412	440	206	282	326	381
9.010	261	1.50	M_2		54	33	103	57	93	46	187	93	166	82
			c		3.6	5.4	2.4	4.1	2.1	4.0	1.3	2.4	1.2	2.3
			$n_{2\,Eck}$		379	450	182	222	384	455	187	255	386	456
			$n_{2\,th}$		357	385	181	222	318	364	186	255	237	323
10.000	269	0.82	M_2		60	37	115	63	104	51	208	103	184	91
			c		3.4	5.0	2.3	3.8	2.0	3.7	1.2	2.2	1.1	2.1
			$n_{2\,Eck}$		341	405	164	200	346	410	168	230	348	411
			$n_{2\,th}$		341	405	164	200	346	359	168	230	289	311
11.200	280	1.26	M_2		67	42	129	71	116	57	233	116	206	102
			c		3.1	4.6	2.1	3.5	1.8	3.4	1.2	2.1	1.0	1.9
			$n_{2\,Eck}$		305	362	146	179	309	366	150	205	311	367
			$n_{2\,th}$		289	311	146	179	250	294	150	205	188	260
12.571	295	0.96	M_2		75	47	145	80	131	64	262	130		115
			c		2.9	4.3	2.0	3.3	1.7	3.2	1.1	1.9		1.8
			$n_{2\,Eck}$		271	322	130	159	275	326	134	183		327
			$n_{2\,th}$		271	301	130	159	242	286	134	183		247

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 368$ Nm

GST06-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
14.286	307	0.93	M_2		86	54	165	91	149	73		148		131
			c		2.7	4.0	1.8	3.0	1.6	2.9		1.8		1.7
			$n_{2\,Eck}$		239	284	115	140	242	287		161		288
			$n_{2\,th}$		239	261	114	140	204	248		161		211
15.400	318	0.75	M_2		92	58	178	98	160	79		160		141
			c		2.9	4.3	1.8	3.2	1.7	3.2		1.9		1.8
			$n_{2\,Eck}$		221	263	106	130	224	266		149		267
			$n_{2\,th}$		221	263	106	130	224	233		149		202
17.500	313	0.73	M_2		105	66	203	112	182	90		182		160
			c		2.5	3.8	1.5	2.8	1.5	2.8		1.7		1.6
			$n_{2\,Eck}$		195	231	93	114	197	234		131		235
			$n_{2\,th}$		195	231	93	114	189	205		131		178
20.044	350	0.46	M_2		121	76	232	128	209	103				
			c		2.5	3.7	1.5	2.7	1.4	2.7				
			$n_{2\,Eck}$		170	202	82	100	172	205				
			$n_{2\,th}$		170	202	82	100	172	179				
22.778	315	0.45	M_2	42	138	87	265	146	238	118				
			c	5.9	2.0	2.9	1.2	2.1	1.1	2.2				
			$n_{2\,Eck}$	173	150	178	72	88	152	180				
			$n_{2\,th}$	173	150	178	72	88	152	158				
24.933	360	0.33	M_2		151	95	290	160	261	129				
			c		2.0	3.0	1.2	2.2	1.2	2.2				
			$n_{2\,Eck}$		137	162	66	80	139	164				
			$n_{2\,th}$		137	162	66	80	139	144				
28.333	317	0.33	M_2	53	172	108		183		147				
			c	4.7	1.6	2.4		1.7		1.7				
			$n_{2\,Eck}$	139	120	143		71		145				
			$n_{2\,th}$	139	120	143		71		127				
32.267	363	0.22	M_2	60	196	123								
			c	4.8	1.6	2.4								
			$n_{2\,Eck}$	122	106	126								
			$n_{2\,th}$	122	106	126								
36.667	322	0.22	M_2	69	224	141								
			c	3.7	1.2	1.9								
			$n_{2\,Eck}$	108	93	111								
			$n_{2\,th}$	108	93	110								
39.160	368	0.16	M_2	74	239	150								
			c	4.0	1.3	2.0								
			$n_{2\,Eck}$	101	87	103								
			$n_{2\,th}$	101	87	103								
44.500	325	0.16	M_2	84	272	171								
			c	3.4	1.2	1.7								
			$n_{2\,Eck}$	89	77	91								
			$n_{2\,th}$	89	77	91								
49.500	278	0.11	M_2	94										
			c	2.6										
			$n_{2\,Eck}$	80										
			$n_{2\,th}$	80										
56.250	316	0.11	M_2	107										
			c	2.6										
			$n_{2\,Eck}$	70										
			$n_{2\,th}$	70										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

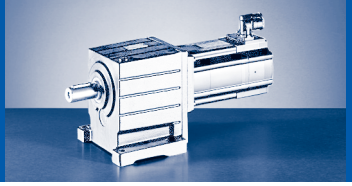
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 375$ Nm

GST06-3A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
39.200	321	0.36	M_2	73	236	149
			c	3.5	1.2	1.8
			$n_{2\,Eck}$	101	87	103
			$n_{2\,th}$	101	87	103
44.000	335	0.20	M_2	82	264	167
			c	3.6	1.2	1.8
			$n_{2\,Eck}$	90	78	92
			$n_{2\,th}$	90	78	92
51.022	325	0.32	M_2	95	307	194
			c	3.0	1.0	1.5
			$n_{2\,Eck}$	77	67	79
			$n_{2\,th}$	77	67	79
53.900	349	0.18	M_2	101	324	205
			c	3.1	1.0	1.5
			$n_{2\,Eck}$	73	63	75
			$n_{2\,th}$	73	63	75
67.760	365	0.11	M_2	127		
			c	2.6		
			$n_{2\,Eck}$	58		
			$n_{2\,th}$	58		
70.156	359	0.16	M_2	132		268
			c	2.4		1.2
			$n_{2\,Eck}$	56		58
			$n_{2\,th}$	56		58
80.952	332	0.20	M_2	153		
			c	2.0		
			$n_{2\,Eck}$	49		
			$n_{2\,th}$	49		
87.267	370	0.15	M_2	165		334
			c	2.0		1.0
			$n_{2\,Eck}$	45		46
			$n_{2\,th}$	45		46
99.167	336	0.15	M_2	188		
			c	1.6		
			$n_{2\,Eck}$	40		
			$n_{2\,th}$	40		
109.707	375	0.10	M_2	208		
			c	1.6		
			$n_{2\,Eck}$	36		
			$n_{2\,th}$	36		
124.667	339	0.10	M_2	238		
			c	1.3		
			$n_{2\,Eck}$	32		
			$n_{2\,th}$	32		
141.289	375	0.06	M_2	269		
			c	1.3		
			$n_{2\,Eck}$	28		
			$n_{2\,th}$	28		
160.556	342	0.06	M_2	307		
			c	1.0		
			$n_{2\,Eck}$	25		
			$n_{2\,th}$	25		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

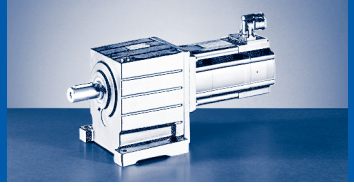


$M_{2\,GN} \leq 196$ Nm

GST07-1A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
1.625	106	6.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								34 3.0 1034 1034	17 5.3 1415 1415
2.000	124	4.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				23 5.1 818 818		21 4.4 1728 1386		42 2.8 840 840	20 5.1 1150 1150
2.240	135	4.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				25 4.9 730 730		23 4.3 1542 1280		47 2.7 750 750	23 4.9 1027 1027
2.857	118	2.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		17 5.1 1194 1194							
2.857	159	2.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				33 4.6 572 572		29 4.0 1209 1154		60 2.5 588 588	29 4.5 805 805
3.500	172	2.15	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				40 4.0 467 467		36 3.5 987 987		73 2.2 480 480	36 4.0 657 657
4.556	150	1.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		27 4.0 749 749	17 6.0 889 889						
4.556	186	1.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				53 3.4 359 359	29 5.6 439 439	48 2.9 758 758	23 5.5 900 788	96 1.9 369 369	47 3.3 505 505
5.583	156	1.05	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		34 3.4 611 611	21 5.1 725 725						
5.583	196	1.05	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				65 2.9 293 293	35 4.8 358 358	58 2.5 619 619	29 4.7 734 643	118 1.6 301 301	58 2.9 412 412
7.333	107	0.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	14 5.3 539 539								
7.333	161	0.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		45 2.7 465 465	28 4.0 552 552						
7.333	196	0.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				86 2.2 223 223	47 3.7 273 273	77 1.9 471 471	38 3.6 559 490		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 196$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC42	GST07-1A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	J_M			
30	15	58	25	57	19	98	39	27	M_2	6.12	106	1.625
2.6	5.0	1.8	3.5	1.4	3.9	1.0	2.3	2.8	c			
2142	2529	1046	1440	2160	2554	1052	1532	2560	$n_{2\,Eck}$			
1347	1547	1046	1437	1027	1473	887	1239	1239	$n_{2\,th}$			
37	18	71	31	71	23		48	33	M_2	4.78	124	2.000
2.5	4.7	1.7	3.3	1.3	3.7		2.2	2.6	c			
1740	2055	850	1170	1755	2075		1245	2080	$n_{2\,Eck}$			
1225	1406	850	1170	915	1224		1007	1007	$n_{2\,th}$			
41	20	80	35	79	26		54	37	M_2	4.02	135	2.240
2.4	4.6	1.6	3.2	1.3	3.6		2.1	2.6	c			
1554	1835	759	1045	1567	1853		1112	1857	$n_{2\,Eck}$			
1136	1298	759	1045	854	1093		899	899	$n_{2\,th}$			
									M_2	2.69	118	2.857
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
53	26	102	45	101	33				M_2	2.69	159	2.857
2.2	4.2	1.5	3.0	1.2	3.4				c			
1218	1439	595	819	1229	1453				$n_{2\,Eck}$			
1027	1089	595	819	753	857				$n_{2\,th}$			
65	32	125	55	124	41				M_2	2.15	172	3.500
2.0	3.8	1.3	2.6	1.0	3.0				c			
994	1174	486	669	1003	1186				$n_{2\,Eck}$			
889	889	486	669	663	700				$n_{2\,th}$			
									M_2	1.37	150	4.556
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
85	42								M_2	1.37	186	4.556
1.7	3.1								c			
764	902								$n_{2\,Eck}$			
683	683								$n_{2\,th}$			
									M_2	1.05	156	5.583
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
104	51								M_2	1.05	196	5.583
1.4	2.7								c			
623	736								$n_{2\,Eck}$			
557	557								$n_{2\,th}$			
									M_2	0.66	107	7.333
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
									M_2	0.66	161	7.333
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
									M_2	0.66	196	7.333
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

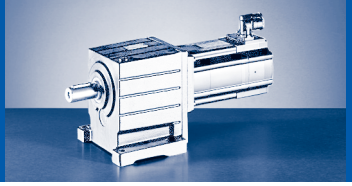
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 196$ Nm

GST07-1A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
8.900	113	0.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17 4.7 444 444								
8.900	164	0.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		55 2.3 383 383	34 3.4 455 455						
8.900	183	0.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				104 1.7 184 184	58 2.8 225 225	94 1.5 388 388	46 2.8 461 403		
11.250	114	0.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	22 3.7 351 351								
11.250	136	0.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		69 1.5 303 303	44 2.2 360 360						

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 196$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC42	GST07-1A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	J_M			
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.49	113	8.900
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.49	164	8.900
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.49	183	8.900
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.32	114	11.250
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.32	136	11.250

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

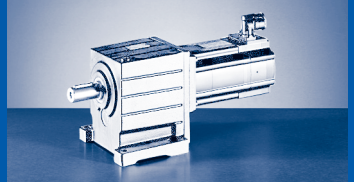
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 707$ Nm

GST07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
3.048	317	8.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								61 4.8 551 551	
3.048	351	8.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
3.350	349	7.92	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								67 4.8 502 502	
3.350	367	7.92	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
4.225	398	7.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								85 4.4 398 398	
4.643	414	7.39	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								94 4.1 362 362	
5.200	405	5.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						52 5.6 664 560			
5.200	427	5.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								105 3.8 323 323	
5.714	445	5.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						57 5.6 605 510			
5.714	448	5.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								116 3.6 294 294	
6.400	463	4.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						64 5.2 540 466		130 3.3 263 263	64 6.0 359 359
7.150	489	6.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								146 3.2 235 235	71 5.7 322 322
8.125	539	6.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								166 3.1 207 207	81 5.5 283 283

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 707$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST07-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
54										M_2	8.20	317	3.048
4.3										c			
1142										$n_{2\,Eck}$			
693										$n_{2\,th}$			
		105		105		180	70	162	48	M_2	8.20	351	3.048
		3.1		2.5		1.9	4.1	1.6	5.0	c			
		558		1152		561	817	1155	1365	$n_{2\,Eck}$			
		558		610		554	661	511	661	$n_{2\,th}$			
60										M_2	7.92	349	3.350
4.3										c			
1039										$n_{2\,Eck}$			
631										$n_{2\,th}$			
		116	50	115		198	78	178	53	M_2	7.92	367	3.350
		3.0	6.0	2.4		1.8	3.9	1.5	4.7	c			
		508	699	1048		511	743	1051	1242	$n_{2\,Eck}$			
		508	678	548		488	601	451	601	$n_{2\,th}$			
76		146	64	146	47	250	98	225	67	M_2	7.65	398	4.225
3.9		2.6	5.1	2.0	5.8	1.5	3.3	1.3	4.1	c			
824		402	554	831	982	405	589	833	985	$n_{2\,Eck}$			
564		402	554	487	580	405	477	386	477	$n_{2\,th}$			
83		161	71	161	52	275	108	247	74	M_2	7.39	414	4.643
3.7		2.4	4.9	1.9	5.5	1.4	3.2	1.3	3.9	c			
750		366	504	756	894	368	536	758	896	$n_{2\,Eck}$			
507		366	504	434	527	366	434	341	434	$n_{2\,th}$			
										M_2	5.64	405	5.200
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
94		181	79	180	58	309	122	277	84	M_2	5.64	427	5.200
3.4		2.2	4.5	1.8	5.0	1.3	2.9	1.2	3.6	c			
669		327	450	675	798	329	479	677	800	$n_{2\,Eck}$			
504		327	450	417	471	329	387	330	387	$n_{2\,th}$			
										M_2	5.46	445	5.714
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
103		199	87	198	64	339	134	305	92	M_2	5.46	448	5.714
3.2		2.1	4.3	1.7	4.8	1.3	2.8	1.1	3.4	c			
609		298	410	614	726	299	436	616	728	$n_{2\,Eck}$			
454		298	410	369	429	299	352	293	352	$n_{2\,th}$			
116	56	223	98	222	72	381	150	341	103	M_2	4.49	463	6.400
3.0	5.6	2.0	4.0	1.6	4.4	1.2	2.6	1.0	3.1	c			
544	642	266	366	548	648	267	389	550	650	$n_{2\,Eck}$			
415	472	266	366	332	383	267	315	269	315	$n_{2\,th}$			
129	63	250	110	249	81	426	168		116	M_2	6.27	489	7.150
2.8	5.3	1.9	3.7	1.5	4.2	1.1	2.4		3.0	c			
487	575	238	327	491	580	239	348		582	$n_{2\,Eck}$			
311	356	238	327	241	339	207	282		282	$n_{2\,th}$			
147	72	284	125	283	92	484	191		131	M_2	6.04	539	8.125
2.7	5.1	1.8	3.6	1.4	4.1	1.1	2.4		2.9	c			
428	506	209	288	432	511	211	307		512	$n_{2\,Eck}$			
271	311	209	288	209	297	180	248		248	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

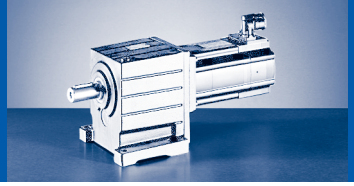
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 707$ Nm

GST07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
8.800	527	4.73	M_2				98		89		180	88
			c				5.0		4.3		2.8	5.0
			$n_{2\,Eck}$				186		393		191	261
			$n_{2\,th}$				186		314		191	261
9.856	549	3.90	M_2				110		100		202	99
			c				4.7		4.0		2.6	4.6
			$n_{2\,Eck}$				166		351		171	233
			$n_{2\,th}$				166		287		170	233
11.200	598	3.78	M_2				126		114		230	113
			c				4.5		3.9		2.5	4.4
			$n_{2\,Eck}$				146		309		150	205
			$n_{2\,th}$				146		251		150	205
12.571	513	2.86	M_2		74							
			c		5.1							
			$n_{2\,Eck}$		271							
			$n_{2\,th}$		271							
12.571	601	2.86	M_2				142		128		259	128
			c				4.0		3.5		2.2	4.0
			$n_{2\,Eck}$				130		275		134	183
			$n_{2\,th}$				130		255		134	183
14.286	583	2.79	M_2		84							
			c		5.1							
			$n_{2\,Eck}$		239							
			$n_{2\,th}$		239							
14.286	642	2.79	M_2				162		146		295	146
			c				3.8		3.3		2.1	3.7
			$n_{2\,Eck}$				115		242		118	161
			$n_{2\,th}$				114		222		118	161
15.400	644	2.26	M_2				175		157		318	156
			c				3.6		3.4		2.0	3.9
			$n_{2\,Eck}$				106		224		109	149
			$n_{2\,th}$				106		224		109	149
17.500	680	2.21	M_2				199	108	179		362	178
			c				3.3	6.0	3.2		1.9	3.7
			$n_{2\,Eck}$				93	114	197		96	131
			$n_{2\,th}$				93	114	197		96	131
20.044	650	1.38	M_2		118							
			c		4.6							
			$n_{2\,Eck}$		170							
			$n_{2\,th}$		170							
20.044	694	1.38	M_2				229	124	206	100	415	205
			c				3.0	5.3	2.8	5.4	1.7	3.3
			$n_{2\,Eck}$				82	100	172	205	84	115
			$n_{2\,th}$				82	100	172	179	84	115
22.778	682	1.35	M_2		135		261	143	235	115	473	234
			c		4.2		2.6	4.6	2.5	4.6	1.4	2.8
			$n_{2\,Eck}$		150		72	88	152	180	74	101
			$n_{2\,th}$		150		72	88	152	158	74	101
24.567	677	1.02	M_2		146	91						
			c		3.9	5.8						
			$n_{2\,Eck}$		139	165						
			$n_{2\,th}$		139	165						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 707$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST07-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
160	78	308	136	306	100		208		143	M_2	4.73	527	8.800
2.5	4.6	1.6	3.3	1.3	3.7		2.1		2.6	c			
396	467	193	266	399	472		283		473	$n_{2\,Eck}$			
277	318	193	266	206	278		229		229	$n_{2\,th}$			
179	88	345	153	344	112		233		160	M_2	3.90	549	9.856
2.3	4.3	1.5	3.0	1.2	3.4		2.0		2.4	c			
353	417	173	237	356	421		253		422	$n_{2\,Eck}$			
255	292	172	237	189	248		204		204	$n_{2\,th}$			
204	100	393	174	391	127		265		182	M_2	3.78	598	11.200
2.2	4.1	1.5	2.9	1.2	3.3		1.9		2.3	c			
311	367	152	209	313	371		222		371	$n_{2\,Eck}$			
222	254	152	209	163	219		180		180	$n_{2\,th}$			
										M_2	2.86	513	12.571
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
229	113	441	196	439	143					M_2	2.86	601	12.571
2.0	3.7	1.3	2.6	1.0	2.9					c			
277	327	135	186	279	330					$n_{2\,Eck}$			
226	247	135	186	161	195					$n_{2\,th}$			
										M_2	2.79	583	14.286
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
261	128	502	223		163					M_2	2.79	642	14.286
1.8	3.5	1.2	2.5		2.8					c			
244	288	119	164		291					$n_{2\,Eck}$			
192	218	119	164		171					$n_{2\,th}$			
281	138	541	240	538	176					M_2	2.26	644	15.400
2.0	3.7	1.2	2.6	1.0	2.9					c			
226	267	110	152	228	270					$n_{2\,Eck}$			
202	202	110	152	150	159					$n_{2\,th}$			
320	157	616	273		200					M_2	2.21	680	17.500
1.8	3.4	1.1	2.4		2.7					c			
199	235	97	134		237					$n_{2\,Eck}$			
171	178	97	134		140					$n_{2\,th}$			
										M_2	1.38	650	20.044
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
367	181									M_2	1.38	694	20.044
1.6	3.1									c			
174	205									$n_{2\,Eck}$			
155	155									$n_{2\,th}$			
418	206									M_2	1.35	682	22.778
1.4	2.6									c			
153	180									$n_{2\,Eck}$			
137	137									$n_{2\,th}$			
										M_2	1.02	677	24.567
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

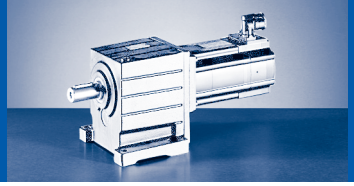
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 707$ Nm

GST07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
24.567	706	1.02	M_2				282	154	254	124	510	253
			c				2.5	4.4	2.4	4.5	1.4	2.7
			$n_{2\,Eck}$				67	81	141	167	68	94
			$n_{2\,th}$				67	81	141	146	68	94
27.917	691	1.01	M_2		166	104	321	176	289	142	581	289
			c		3.5	5.2	2.1	3.8	2.0	3.8	1.2	2.3
			$n_{2\,Eck}$		122	145	59	72	124	147	60	82
			$n_{2\,th}$		122	145	59	72	124	129	60	82
32.267	698	0.66	M_2		193	121						
			c		3.1	4.6						
			$n_{2\,Eck}$		106	126						
			$n_{2\,th}$		106	126						
32.267	706	0.66	M_2				372	205	335	165		
			c				1.9	3.4	1.8	3.4		
			$n_{2\,Eck}$				51	62	107	127		
			$n_{2\,th}$				51	62	107	111		
36.667	702	0.65	M_2		220	138	424	234	382	188		
			c		2.7	4.0	1.6	3.0	1.6	3.0		
			$n_{2\,Eck}$		93	111	45	55	94	112		
			$n_{2\,th}$		93	110	45	55	94	98		
39.160	491	0.49	M_2	73								
			c	5.3								
			$n_{2\,Eck}$	101								
			$n_{2\,th}$	101								
39.160	706	0.49	M_2		236	148	453	250	408	201		
			c		2.6	3.8	1.6	2.8	1.5	2.8		
			$n_{2\,Eck}$		87	103	42	51	88	105		
			$n_{2\,th}$		87	103	42	51	88	92		
44.500	558	0.48	M_2	82								
			c	5.9								
			$n_{2\,Eck}$	89								
			$n_{2\,th}$	89								
44.500	707	0.48	M_2		268	168	516	285	464	229		
			c		2.5	3.7	1.4	2.4	1.5	2.7		
			$n_{2\,Eck}$		77	91	37	45	78	92		
			$n_{2\,th}$		77	91	37	45	78	81		
49.500	493	0.33	M_2	92								
			c	4.7								
			$n_{2\,Eck}$	80								
			$n_{2\,th}$	80								
49.500	600	0.33	M_2		300	188						
			c		1.9	2.8						
			$n_{2\,Eck}$		69	82						
			$n_{2\,th}$		69	82						
56.250	560	0.33	M_2	105								
			c	4.7								
			$n_{2\,Eck}$	70								
			$n_{2\,th}$	70								
56.250	688	0.33	M_2		341	214						
			c		1.9	2.9						
			$n_{2\,Eck}$		61	72						
			$n_{2\,th}$		61	72						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 707$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST07-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
451	223									M_2	1.02	706	24.567
1.3	2.5									c			
142	167									$n_{2\,Eck}$			
127	127									$n_{2\,th}$			
514	254									M_2	1.01	691	27.917
1.2	2.2									c			
125	147									$n_{2\,Eck}$			
111	111									$n_{2\,th}$			
										M_2	0.66	698	32.267
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.66	706	32.267
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.65	702	36.667
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.49	491	39.160
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.49	706	39.160
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.48	558	44.500
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.48	707	44.500
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.33	493	49.500
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.33	600	49.500
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.33	560	56.250
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.33	688	56.250
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

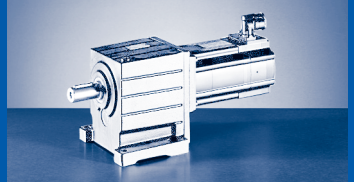
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 710$ Nm

GST07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
39.200	692	0.97	M_2		232	146	447	246	403	199
			c		2.5	3.8	1.5	2.8	1.5	2.8
			$n_{2\,Eck}$		87	103	42	51	88	105
			$n_{2\,th}$		87	103	42	51	88	92
44.000	706	0.53	M_2		261	163	502	277	452	223
			c		2.6	3.8	1.4	2.5	1.5	2.8
			$n_{2\,Eck}$		78	92	37	46	79	93
			$n_{2\,th}$		78	92	37	45	79	82
51.022	700	0.84	M_2		303	190	584	323	525	259
			c		2.2	3.3	1.2	2.1	1.3	2.4
			$n_{2\,Eck}$		67	79	32	39	68	80
			$n_{2\,th}$		67	79	32	39	68	70
53.900	706	0.48	M_2		321	202	617	341	555	274
			c		2.1	3.1	1.1	2.1	1.2	2.3
			$n_{2\,Eck}$		63	75	30	37	64	76
			$n_{2\,th}$		63	75	30	37	64	67
65.079	707	0.31	M_2	119	389	245				
			c	5.2	1.7	2.6				
			$n_{2\,Eck}$	61	52	62				
			$n_{2\,th}$	61	52	62				
70.156	706	0.43	M_2	129	420	264		447		359
			c	4.8	1.6	2.4		1.6		1.8
			$n_{2\,Eck}$	56	49	58		29		58
			$n_{2\,th}$	56	49	58		29		51
79.762	710	0.54	M_2	147	478	301		509		409
			c	4.3	1.4	2.1		1.4		1.6
			$n_{2\,Eck}$	50	43	51		25		51
			$n_{2\,th}$	50	43	51		25		45
85.983	706	0.40	M_2	159	516	325		549		442
			c	3.9	1.3	1.9		1.3		1.4
			$n_{2\,Eck}$	46	40	47		23		48
			$n_{2\,th}$	46	40	47		23		42
97.708	710	0.40	M_2	182	587	371		625		503
			c	3.5	1.2	1.7		1.1		1.3
			$n_{2\,Eck}$	40	35	42		21		42
			$n_{2\,th}$	40	35	41		20		37
111.915	706	0.24	M_2	209	674	426				
			c	3.0	1.0	1.5				
			$n_{2\,Eck}$	35	31	36				
			$n_{2\,th}$	35	30	36				
127.176	710	0.24	M_2	239		485				
			c	2.7		1.3				
			$n_{2\,Eck}$	31		32				
			$n_{2\,th}$	31		32				
139.211	706	0.17	M_2	262		531				
			c	2.4		1.2				
			$n_{2\,Eck}$	28		29				
			$n_{2\,th}$	28		29				
158.194	710	0.17	M_2	299		604				
			c	2.1		1.1				
			$n_{2\,Eck}$	25		26				
			$n_{2\,th}$	25		26				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 710$ Nm

GST07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
180.156	706	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	341 1.9 22 22						
204.722	710	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	389 1.7 19 19						
236.622	706	0.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	450 1.4 17 17						
248.458	710	0.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	473 1.4 16 16						
268.889	710	0.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	513 1.3 15 15						
326.333	710	0.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	623 1.0 12 12						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

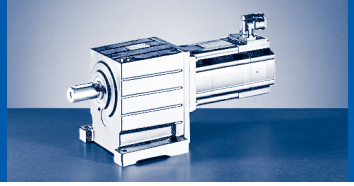
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 465$ Nm

GST09-1A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
1.560	277	22.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
2.048	239	15.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					41 5.3 821 820		37 4.7 1700 1109	
2.048	338	15.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
2.333	245	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					48 4.8 720 720		42 4.2 1491 1042	
2.333	370	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
2.810	221	9.58	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			28 5.6 1230 1035					
2.810	259	9.58	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					58 4.2 598 598		51 3.7 1239 952	
2.810	418	9.58	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
3.444	272	7.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					71 3.6 488 488		63 3.2 1010 818	
3.444	443	7.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
4.667	247	4.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	53 4.3 350 350		48 3.8 740 740					
4.667	289	4.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					97 2.8 360 360	48 5.0 493 493	86 2.5 746 667	42 4.7 881 667
4.667	379	4.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 465$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST09-1A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
54 4.8 1090 1090		54 3.8 2250 1219		93 2.8 1096 1096		83 2.5 2256 1101		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	22.20	277	1.560
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	15.60	239	2.048
71 4.4 830 830		71 3.5 1714 1041		122 2.6 835 835	47 5.8 1216 983	109 2.3 1719 943		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	15.60	338	2.048
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.20	245	2.333
81 4.3 729 729		81 3.4 1504 991		139 2.5 733 733	54 5.5 1067 863	125 2.2 1509 863		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.20	370	2.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.58	221	2.810
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.58	259	2.810
97 4.0 605 605		97 3.2 1249 872		168 2.4 609 609	65 5.2 886 717	151 2.1 1253 717		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.58	418	2.810
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.30	272	3.444
120 3.5 494 494		120 2.7 1019 711		206 2.0 497 496	81 4.5 723 585	185 1.8 1022 585	55 5.5 1208 585	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.30	443	3.444
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.60	247	4.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.60	289	4.667
165 2.2 364 364	72 4.4 501 501	164 1.7 752 525	53 4.9 889 525					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.60	379	4.667

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

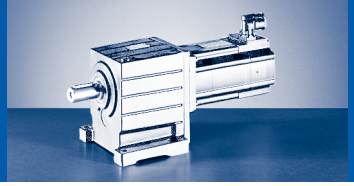
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 465$ Nm

GST09-1A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
5.667	256	3.51	M_2	65		59					
			c	3.7		3.2					
			$n_{2\,Eck}$	289		610					
			$n_{2\,th}$	289		610					
5.667	299	3.51	M_2					118	58	105	51
			c					2.4	4.3	2.1	4.0
			$n_{2\,Eck}$					297	406	614	725
			$n_{2\,th}$					296	406	549	549
5.667	465	3.51	M_2								
			c								
			$n_{2\,Eck}$								
			$n_{2\,th}$								
7.333	265	2.26	M_2	85	46	77	37				
			c	3.0	5.0	2.6	4.9				
			$n_{2\,Eck}$	223	273	471	559				
			$n_{2\,th}$	223	273	471	490				
7.333	310	2.26	M_2					154	76	136	67
			c					1.9	3.4	1.7	3.2
			$n_{2\,Eck}$					229	314	475	561
			$n_{2\,th}$					229	314	424	424
8.900	269	1.66	M_2	104	57	94	46				
			c	2.5	4.2	2.2	4.1				
			$n_{2\,Eck}$	184	225	388	461				
			$n_{2\,th}$	184	225	388	403				
8.900	315	1.66	M_2					187	93	166	82
			c					1.6	2.9	1.4	2.7
			$n_{2\,Eck}$					189	258	391	462
			$n_{2\,th}$					189	258	350	350
11.250	273	1.11	M_2	132	72	119	58				
			c	2.0	3.3	1.7	3.3				
			$n_{2\,Eck}$	145	178	307	364				
			$n_{2\,th}$	145	178	307	319				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 465$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST09-1A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.51	256	5.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.51	299	5.667
200 2.2 300 300	88 4.4 413 413	199 1.7 619 432	64 5.0 732 432					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.51	465	5.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.26	265	7.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.26	310	7.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	269	8.900
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	315	8.900
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.11	273	11.250

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

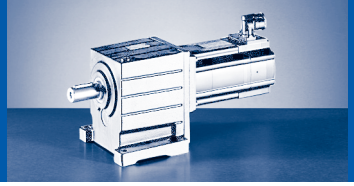
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1582$ Nm

GST09-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
4.056	878	27.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
4.457	931	25.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
5.324	613	18.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					106 5.3 316 316		94 4.7 654 426	
5.324	993	18.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
5.850	674	17.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					117 5.3 287 287		104 4.7 595 388	
5.850	1020	17.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
6.667	690	14.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					134 4.8 252 252		119 4.2 522 365	
6.667	1065	14.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
7.305	566	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			73 5.6 473 398					
7.305	663	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					147 4.2 230 230		131 3.7 476 366	
7.305	1103	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
8.027	622	11.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			80 5.6 430 362					
8.027	728	11.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					162 4.2 209 209		144 3.7 434 333	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1582$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST09-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
136 5.9 419 419		136 4.7 865 492		235 3.5 422 422		212 3.1 868 446		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	27.00	878	4.056
149 5.7 381 381		150 4.5 788 444		259 3.4 384 384		233 3.0 790 403		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	25.90	931	4.457
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	18.10	613	5.324
180 5.1 319 319		180 4.0 659 412		311 3.0 321 321		279 2.6 661 375		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	18.10	993	5.324
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.50	674	5.850
198 4.8 291 291		199 3.8 600 370		342 2.8 292 292		307 2.5 602 336		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.50	1020	5.850
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	14.20	690	6.667
227 4.4 255 255		227 3.5 527 349		391 2.6 257 257	151 5.7 374 302	351 2.3 528 302		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	14.20	1065	6.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.30	566	7.305
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.30	663	7.305
249 4.1 233 233		249 3.3 481 335		429 2.4 234 234	167 5.4 341 276	385 2.1 482 276		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.30	1103	7.305
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.00	622	8.027
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.00	728	8.027

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

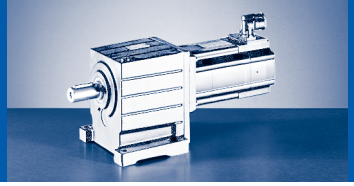
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1582$ Nm

GST09-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
8.027	1133	11.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
9.010	1037	15.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					180 5.3 187 186		160 4.7 386 252	
9.010	1128	15.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
10.267	1063	12.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					206 4.8 164 164		183 4.2 339 237	
10.267	1178	12.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
11.667	1206	12.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					234 4.8 144 144		208 4.2 298 208	
12.362	958	9.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			123 5.6 280 235					
12.362	1121	9.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					249 4.2 136 136		222 3.7 282 216	
12.362	1253	9.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
14.048	1088	9.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			140 5.6 246 207					
14.048	1274	9.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					283 4.2 120 120		252 3.7 248 190	
14.048	1283	9.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
15.156	1179	7.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					307 3.7 111 111		272 3.6 230 191	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1582$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST09-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
274 3.8 212 212		274 3.0 437 305		472 2.3 213 213	184 5.0 310 251	424 2.0 439 251		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.00	1133	8.027
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	15.20	1037	9.010
309 3.4 189 189		309 2.7 390 223		531 2.0 190 190	207 4.4 276 223	477 1.8 391 194	142 5.4 462 223	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	15.20	1128	9.010
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.40	1063	10.267
354 3.1 166 166		353 2.5 342 210		606 1.8 167 167	237 4.1 243 196	544 1.6 343 177	162 5.0 405 196	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.40	1178	10.267
403 2.8 146 146	176 5.6 201 201	402 2.2 301 180		690 1.7 147 147	271 3.7 213 173	620 1.5 302 147	186 4.5 357 173	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.10	1206	11.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.79	958	12.362
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.79	1121	12.362
427 2.8 138 138	186 5.5 189 189	427 2.2 284 192		732 1.6 138 138	287 3.6 201 163	657 1.4 285 155	197 4.4 337 163	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.79	1253	12.362
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.53	1088	14.048
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.53	1274	14.048
487 2.5 121 121	213 5.0 167 167	486 2.0 250 165	156 5.6 295 174	833 1.5 122 122	328 3.2 177 143	747 1.3 251 129	225 3.9 296 143	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.53	1283	14.048
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.65	1179	15.156

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

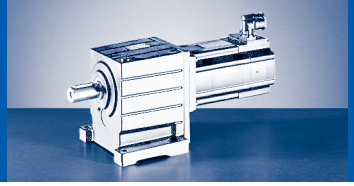
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1582$ Nm

GST09-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
15.156	1340	7.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
17.222	1340	7.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					349 3.7 98 98		309 3.6 202 168	
17.222	1373	7.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
20.533	1068	4.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	231 4.5 80 80		208 4.3 168 168					
20.533	1251	4.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					420 2.9 82 82	205 5.7 112 112	371 2.8 170 152	181 5.4 200 152
20.533	1484	4.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
23.333	1214	4.41	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	262 4.5 70 70		236 4.3 148 148					
23.333	1421	4.41	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					477 2.9 72 72	233 5.7 99 99	422 2.8 149 133	205 5.4 176 133
23.333	1508	4.41	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
24.933	1107	3.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	282 3.8 66 66		254 3.7 139 139					
24.933	1296	3.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					512 2.5 67 67	251 4.9 92 92	453 2.4 140 125	221 4.6 165 125
24.933	1582	3.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
28.333	1258	3.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	320 3.8 58 58		289 3.7 122 122					

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1582$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST09-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
525 2.5 112 112	229 5.5 154 154	523 2.2 232 162		898 1.5 113 113	352 3.6 164 133	805 1.4 232 133	241 4.3 275 133	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.65	1340	15.156
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.49	1340	17.222
599 2.3 99 99	261 4.9 136 136	596 2.0 204 142	191 5.5 241 142	1022 1.3 99 99	402 3.2 145 117	916 1.3 204 117	276 3.9 242 117	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.49	1373	17.222
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.50	1068	20.533
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.50	1251	20.533
715 2.1 83 83	313 4.5 114 114	711 1.8 171 119	229 5.0 202 119					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.50	1484	20.533
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.41	1214	23.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.41	1421	23.333
815 1.8 73 73	358 4.0 100 100	810 1.6 150 105	262 4.5 178 105					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.41	1508	23.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.38	1107	24.933
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.38	1296	24.933
871 1.8 68 68	382 3.9 94 94	866 1.6 141 98	280 4.4 166 98					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.38	1582	24.933
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.32	1258	28.333

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

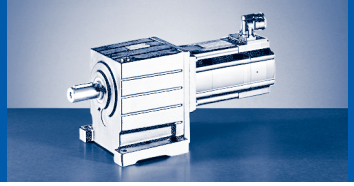
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1582$ Nm

GST09-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
28.333	1472	3.32	M_2					582	285	515	252
			c					2.5	4.9	2.4	4.6
			$n_{2\,Eck}$					59	81	123	145
			$n_{2\,th}$					59	81	110	110
28.333	1519	3.32	M_2								
			c								
			$n_{2\,Eck}$								
			$n_{2\,th}$								
32.267	1147	2.25	M_2	368	200	331	161				
			c	3.1	5.5	2.9	5.5				
			$n_{2\,Eck}$	51	62	107	127				
			$n_{2\,th}$	51	62	107	111				
32.267	1343	2.25	M_2					666	328	589	289
			c					2.0	3.9	1.9	3.7
			$n_{2\,Eck}$					52	71	108	127
			$n_{2\,th}$					52	71	96	96
36.667	1304	2.21	M_2	418	227	377	183				
			c	3.1	5.5	2.9	5.5				
			$n_{2\,Eck}$	45	55	94	112				
			$n_{2\,th}$	45	55	94	98				
36.667	1526	2.21	M_2					757	373	669	329
			c					2.0	3.9	1.9	3.7
			$n_{2\,Eck}$					46	63	95	112
			$n_{2\,th}$					46	63	85	85
39.160	1166	1.64	M_2	449	245	404	198				
			c	2.6	4.6	2.4	4.6				
			$n_{2\,Eck}$	42	51	88	105				
			$n_{2\,th}$	42	51	88	92				
39.160	1364	1.64	M_2					811	401	717	353
			c					1.7	3.3	1.6	3.1
			$n_{2\,Eck}$					43	59	89	105
			$n_{2\,th}$					43	59	79	79
44.500	1324	1.62	M_2	510	279	458	223				
			c	2.6	4.6	2.7	5.1				
			$n_{2\,Eck}$	37	45	78	92				
			$n_{2\,th}$	37	45	78	81				
44.500	1546	1.62	M_2					922	455	814	400
			c					1.7	3.3	1.8	3.4
			$n_{2\,Eck}$					38	52	78	92
			$n_{2\,th}$					38	52	70	70
49.500	1184	1.12	M_2	570	313	512	251				
			c	2.1	3.7	2.2	4.1				
			$n_{2\,Eck}$	33	40	70	83				
			$n_{2\,th}$	33	40	70	73				
56.250	1345	1.10	M_2	648	356	582	285				
			c	2.1	3.7	2.2	4.1				
			$n_{2\,Eck}$	29	36	61	73				
			$n_{2\,th}$	29	36	61	64				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1582$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST09-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.32	1472	28.333
993 1.5 60 60	437 3.3 83 83	986 1.3 124 86	321 3.7 147 86					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.32	1519	28.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.25	1147	32.267
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.25	1343	32.267
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.21	1304	36.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.21	1526	36.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.64	1166	39.160
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.64	1364	39.160
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.62	1324	44.500
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.62	1546	44.500
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.12	1184	49.500
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.10	1345	56.250

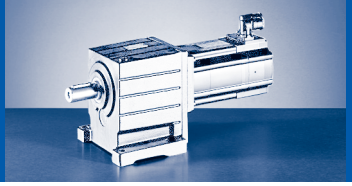
M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1623$ Nm

GST09-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
40.136	1344	2.14	M_2		232		451	246	406	198	819	405	724	357
			c		4.8		2.9	5.2	2.8	5.3	1.6	3.2	1.6	3.0
			$n_{2\,Eck}$		85		41	50	86	102	42	57	87	102
			$n_{2\,th}$		85		41	50	86	89	42	57	78	78
43.267	1290	1.55	M_2		250		488	266	438	213	885	438	781	385
			c		4.7		2.6	4.7	2.8	5.2	1.5	2.9	1.6	3.0
			$n_{2\,Eck}$		79		38	46	80	95	39	53	80	95
			$n_{2\,th}$		79		38	46	80	83	39	53	72	72
49.167	1466	1.53	M_2		284		554	303	498	243	1005	497	888	437
			c		4.7		2.6	4.7	2.8	5.2	1.5	2.9	1.6	3.0
			$n_{2\,Eck}$		69		33	41	70	83	34	47	71	84
			$n_{2\,th}$		69		33	41	70	73	34	47	63	63
53.044	1379	1.38	M_2		309		600	329	539	264	1087	539	960	474
			c		4.1		2.3	4.1	2.4	4.5	1.3	2.5	1.4	2.6
			$n_{2\,Eck}$		64		31	38	65	77	32	43	66	78
			$n_{2\,th}$		64		31	38	65	68	32	43	59	59
60.278	1565	1.37	M_2		351		682	374	613	300	1235	612	1090	538
			c		4.1		2.3	4.1	2.4	4.5	1.3	2.5	1.4	2.6
			$n_{2\,Eck}$		57		27	33	57	68	28	38	58	68
			$n_{2\,th}$		57		27	33	57	60	28	38	52	52
71.867	1477	1.17	M_2		422	264	817	450	735	361	1477	734	1304	645
			c		3.3	4.9	1.8	3.2	1.9	3.6	1.0	2.0	1.1	2.0
			$n_{2\,Eck}$		48	56	23	28	48	57	23	32	48	57
			$n_{2\,th}$		47	56	23	28	48	50	23	32	43	43
81.667	1584	1.16	M_2		481	300	930	512	836	411		835	1483	734
			c		3.1	4.6	1.7	3.0	1.8	3.4		1.9	1.0	1.9
			$n_{2\,Eck}$		42	50	20	25	42	50		28	43	50
			$n_{2\,th}$		42	50	20	24	42	44		28	38	38
93.541	1613	0.71	M_2		553	346	1067	588	959	473				
			c		2.7	4.1	1.5	2.7	1.6	3.0				
			$n_{2\,Eck}$		37	43	18	21	37	44				
			$n_{2\,th}$		36	43	17	21	37	38				
99.167	1596	1.07	M_2		587	368	1132	625	1018	502		1018		895
			c		2.6	3.8	1.4	2.5	1.5	2.8		1.6		1.6
			$n_{2\,Eck}$		34	41	17	20	35	41		23		42
			$n_{2\,th}$		34	41	16	20	35	36		23		31
113.585	1613	0.65	M_2		675	423	1299	718	1169	577				
			c		2.3	3.4	1.2	2.2	1.3	2.5				
			$n_{2\,Eck}$		30	36	14	18	30	36				
			$n_{2\,th}$		30	36	14	18	30	32				
129.074	1612	0.65	M_2	234	769	483	1479	818	1330	658				
			c	6.0	2.0	3.0	1.1	2.0	1.2	2.2				
			$n_{2\,Eck}$	31	26	31	13	16	27	32				
			$n_{2\,th}$	31	26	31	13	15	27	28				
141.289	1613	0.46	M_2	257	843	530		897	1457	722				
			c	5.5	1.8	2.7		1.8	1.1	2.0				
			$n_{2\,Eck}$	28	24	29		14	25	29				
			$n_{2\,th}$	28	24	29		14	24	25				
160.556	1623	0.46	M_2	295	961	605		1022		822				
			c	4.8	1.6	2.4		1.6		1.8				
			$n_{2\,Eck}$	25	21	25		13		26				
			$n_{2\,th}$	25	21	25		12		22				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]
P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1623$ Nm

GST09-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
182.844	1613	0.30	M_2	338	1096	691								
			c	4.2	1.4	2.1								
			$n_{2\,Eck}$	22	19	22								
			$n_{2\,th}$	22	19	22								
207.778	1623	0.30	M_2	386	1248	787								
			c	3.7	1.2	1.9								
			$n_{2\,Eck}$	19	16	20								
			$n_{2\,th}$	19	16	19								
236.622	1613	0.28	M_2	442	1423	899								
			c	3.3	1.1	1.6								
			$n_{2\,Eck}$	17	14	17								
			$n_{2\,th}$	17	14	17								
252.167	1623	0.21	M_2	472	1518	959								
			c	3.1	1.0	1.5								
			$n_{2\,Eck}$	16	14	16								
			$n_{2\,th}$	16	14	16								
268.889	1623	0.28	M_2	504		1023								
			c	2.9		1.4								
			$n_{2\,Eck}$	15		15								
			$n_{2\,th}$	15		15								
326.333	1623	0.20	M_2	615		1245								
			c	2.4		1.2								
			$n_{2\,Eck}$	12		12								
			$n_{2\,th}$	12		12								
363.000	1613	0.26	M_2	686										
			c	2.1										
			$n_{2\,Eck}$	11										
			$n_{2\,th}$	11										
412.500	1623	0.18	M_2	781										
			c	1.9										
			$n_{2\,Eck}$	10										
			$n_{2\,th}$	10										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

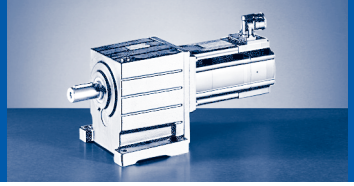
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2933$ Nm

GST11-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
4.056	1490	82.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
4.457	1606	79.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
5.324	1594	55.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
5.850	1772	53.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
6.400	1549	45.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
6.400	1801	45.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
6.864	2065	67.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
7.800	2114	65.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
9.010	2259	46.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
9.856	2325	40.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
11.200	2380	39.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
12.571	1414	29.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					251 5.2 134 134		223 4.6 277 180	
12.571	2520	29.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2933$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST11-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
				229 5.9 422 422		207 5.2 868 421		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	82.20	1490	4.056
				252 5.8 384 384		228 5.1 790 382		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	79.00	1606	4.457
				305 4.8 321 321		275 4.2 661 356		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	55.40	1594	5.324
				335 4.9 292 292		302 4.3 602 325		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	53.50	1772	5.850
		214 5.2 548 320						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	45.70	1549	6.400
				367 4.5 267 267		331 4.0 550 302		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	45.70	1801	6.400
				393 4.8 249 245		354 4.2 513 238		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	67.50	2065	6.864
				449 4.4 219 211		404 3.8 451 204		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	65.10	2114	7.800
				520 4.0 190 190		468 3.5 391 202		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	46.80	2259	9.010
		330 5.1 356 207		570 3.8 174 174		513 3.3 357 188		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	40.20	2325	9.856
375 5.8 152 152		377 4.6 313 178		651 3.4 153 153		585 3.0 314 161		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	39.00	2380	11.200
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	29.40	1414	12.571
422 5.5 135 135		424 4.3 279 178		732 3.2 136 136		658 2.8 280 160		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	29.40	2520	12.571

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

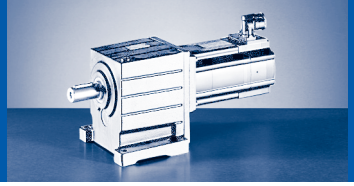
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2933$ Nm

GST11-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
14.286	1607	28.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					285 5.2 118 118		254 4.6 244 159	
14.286	2579	28.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
15.400	2695	23.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
17.500	2758	22.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
20.289	1570	14.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					411 3.7 83 83		364 3.6 172 143	
20.289	2756	14.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
23.056	1784	14.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					468 3.7 73 73		414 3.6 151 125	
23.056	2913	14.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
24.933	1616	10.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					509 3.1 67 67		450 3.0 140 125	219 5.7 165 125
24.933	2777	10.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
28.333	1836	10.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					578 3.1 59 59		511 3.0 123 110	248 5.7 145 110
28.333	2933	10.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
32.267	1430	7.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	365 3.8 51 51		329 3.6 107 107					

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2933$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST11-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	28.70	1607	14.286
483 4.9 119 119		484 3.9 246 153		834 2.9 120 120		750 2.6 246 139		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	28.70	2579	14.286
520 5.0 110 110		520 4.3 228 159		899 2.9 111 111		807 2.8 229 131		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.00	2695	15.400
594 4.5 97 97		593 3.9 201 140		1025 2.7 98 98		919 2.5 201 115		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	22.50	2758	17.500
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	14.30	1570	20.289
694 3.9 84 84		692 3.3 173 121		1193 2.3 84 84	462 5.5 123 99	1070 2.2 174 99		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	14.30	2756	20.289
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	14.10	1784	23.056
790 3.6 74 74		788 3.1 152 106		1358 2.1 74 74	527 5.1 108 87	1217 2.0 153 87		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	14.10	2913	23.056
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	10.60	1616	24.933
859 3.2 68 68		855 2.7 141 98		1472 1.9 69 69	574 4.5 100 81	1320 1.8 141 81	392 5.5 167 81	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	10.60	2777	24.933
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	10.40	1836	28.333
978 2.9 60 60		974 2.5 124 86		1675 1.7 60 60	654 4.2 88 71	1502 1.7 124 71	448 5.1 147 71	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	10.40	2933	28.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.04	1430	32.267

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

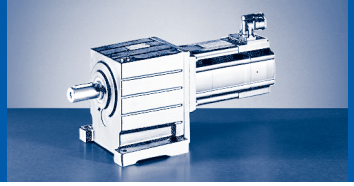
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2933$ Nm

GST11-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
32.267	1674	7.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					663 2.5 52 52	325 4.9 71 71	586 2.4 108 96	286 4.6 127 96
32.267	2818	7.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
36.667	1624	6.93	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	415 3.8 45 45		374 3.6 94 94					
36.667	1902	6.93	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					753 2.5 46 46	369 4.9 63 63	666 2.4 95 85	326 4.6 112 85
36.667	2933	6.93	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
39.160	1452	5.15	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	446 3.2 42 42	242 5.7 51 51	402 3.1 88 88	195 5.8 105 92				
39.160	1701	5.15	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					808 2.1 43 43	397 4.1 59 59	714 2.0 89 79	350 3.8 105 79
39.160	2826	5.15	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
44.500	1650	5.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	506 3.2 37 37	275 5.7 45 45	455 3.4 78 78					
44.500	1933	5.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					918 2.1 38 38	451 4.2 52 52	810 2.2 78 70	396 4.2 92 70
44.500	2933	5.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
49.500	1476	3.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	567 2.6 33 33	310 4.6 40 40	510 2.7 70 70	248 5.1 83 73				
49.500	1728	3.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1025 1.7 34 34	506 3.3 47 46	905 1.8 70 63	445 3.4 83 63

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2933$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST11-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.04	1674	32.267
1119 2.5 53 53	487 5.4 73 73	1114 2.1 109 76						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.04	2818	32.267
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.93	1624	36.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.93	1902	36.667
1274 2.3 46 46	556 5.0 64 64	1268 2.0 96 67	407 5.6 113 67					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.93	2933	36.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.15	1452	39.160
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.15	1701	39.160
1364 2.1 43 43	597 4.5 60 60	1357 1.8 90 63	437 5.0 106 63					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.15	2826	39.160
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.08	1650	44.500
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.08	1933	44.500
1553 1.9 38 38	681 4.2 53 53	1542 1.8 79 55	496 5.1 93 55					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.08	2933	44.500
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.52	1476	49.500
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.52	1728	49.500

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

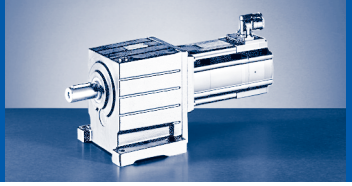
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2933$ Nm

GST11-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
56.250	1677	3.44	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	644 2.6 29 29	352 4.6 36 36	579 2.7 61 61	282 5.1 73 64				
56.250	1964	3.44	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1165 1.7 30 30	575 3.3 41 41	1028 1.8 62 55	506 3.4 73 55

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2933$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST11-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.44	1677	56.250
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.44	1964	56.250

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

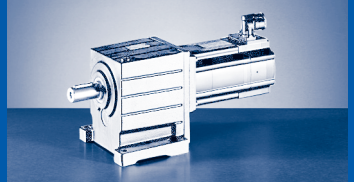
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2848$ Nm

GST11-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
40.816	1641	6.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		233 5.8 84 84					
40.816	2444	6.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				447 5.2 40 40		404 5.0 85 85	
40.816	2550	6.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
44.000	2410	5.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				485 4.8 37 37		435 5.1 79 79	
50.000	2725	5.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				551 4.8 33 33		494 5.0 69 69	
57.968	2577	4.77	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				645 3.9 28 28		579 4.1 60 60	
61.250	2725	4.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				681 3.9 27 27		612 4.1 56 56	
71.011	2637	3.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				795 3.2 23 23	432 5.8 28 28	714 3.4 49 49	
80.694	2787	3.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				906 3.0 20 20	493 5.4 25 25	814 3.2 43 43	
87.267	2657	3.22	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				983 2.7 19 19	537 4.8 23 23	884 2.8 40 40	430 5.3 47 41
99.167	2810	3.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1120 2.5 17 16	612 4.4 20 20	1006 2.6 35 35	491 5.0 41 36
112.933	2695	2.93	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1280 2.1 15 14	702 3.7 18 18	1151 2.2 31 31	563 4.2 36 32
129.074	2810	1.94	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		757 3.5 26 26	472 5.2 31 31	1466 1.9 13 13	806 3.4 16 15	1318 2.0 27 27	647 3.8 32 28

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

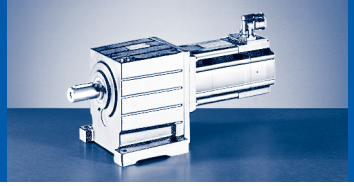


$M_{2\,GN} \leq 2848$ Nm

17NC17	17NC23	17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	GST11-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
21.50	10.80	19.00	9.50	36.30	16.30	36.00	12.00	M_1	J_G	$M_{2\,GN}$	i
1680	2300	3480	4110	1700	2340	3510	4150	n_1			
8.5	5.5	15.8	10.2	13.9	8.2	28.7	14.0	$I_{M\,400}$			
3.80	2.60	6.90	4.10	6.40	4.00	13.20	5.20	P_N			
36.04	36.04	36.04	36.04	72.12	72.12	72.04	72.12	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.36	1641	40.816
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.36	2444	40.816
821 3.0 41 41	399 6.0 56 56	726 3.0 85 76	353 5.6 101 76	1404 1.8 42 42	616 3.9 57 57	1396 1.6 86 60	451 4.4 102 60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.36	2550	40.816
888 2.7 38 38	434 5.3 52 52	783 2.9 79 71	381 5.4 93 71	1517 1.6 39 39	667 3.5 53 53	1506 1.5 80 56	487 4.3 94 56	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.66	2410	44.000
1010 2.7 34 34	493 5.3 46 46	890 2.9 70 62	433 5.4 82 62	1724 1.6 34 34	759 3.5 47 47	1711 1.5 70 49	554 4.3 83 49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.60	2725	50.000
1177 2.2 29 29	578 4.3 40 40	1038 2.3 60 54	508 4.4 71 54	2005 1.3 29 29	885 2.9 40 40	1990 1.2 61 42	648 3.5 72 42	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.77	2577	57.968
1243 2.2 27 27	610 4.3 38 38	1097 2.3 57 51	536 4.4 67 51	2119 1.3 28 28	936 2.9 38 38	2102 1.2 57 40	684 3.5 68 40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.08	2725	61.250
1447 1.8 24 24	713 3.6 32 32	1277 2.0 49 44	627 3.7 58 44	2462 1.1 24 24	1090 2.4 33 33	2442 1.0 49 34	798 2.9 58 34	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.52	2637	71.011
1646 1.7 21 21	812 3.4 29 29	1453 1.8 43 39	714 3.4 51 39		1241 2.2 29 29		909 2.7 51 30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.50	2787	80.694
1784 1.5 19 19	882 3.0 26 26	1575 1.6 40 36	776 3.0 47 36		1346 2.0 27 27		986 2.4 48 28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.22	2657	87.267
2029 1.4 17 17	1005 2.8 23 23	1792 1.5 35 31	883 2.8 42 31		1532 1.8 24 24		1123 2.2 42 25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.20	2810	99.167
2317 1.2 15 15	1150 2.3 20 20	2045 1.3 31 28	1011 2.4 36 28		1749 1.5 21 21		1283 1.9 37 22	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.93	2695	112.933
2650 1.1 13 13	1317 2.1 18 18	2340 1.1 27 24	1158 2.2 32 24					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.94	2810	129.074

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

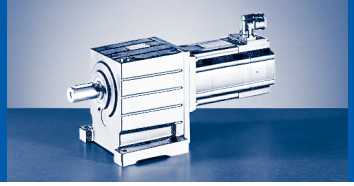


$M_{2\,GN} \leq 2848$ Nm

GST11-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
146.993	2695	1.77	M_2		867	542	1675	923	1506	741
			c		2.9	4.3	1.6	2.9	1.7	3.2
			$n_{2\,Eck}$		23	28	11	14	24	28
			$n_{2\,th}$		23	28	11	14	24	24
158.194	2810	1.40	M_2		934	584	1804	994	1622	798
			c		2.8	4.2	1.6	2.8	1.6	3.1
			$n_{2\,Eck}$		22	26	10	13	22	26
			$n_{2\,th}$		22	26	10	13	22	23
180.156	2695	1.29	M_2		1069	670	2059	1137	1852	914
			c		2.4	3.5	1.3	2.3	1.4	2.6
			$n_{2\,Eck}$		19	23	9	11	19	23
			$n_{2\,th}$		19	22	9	11	19	20
207.778	2810	0.88	M_2		1236	776	2378	1315	2139	1057
			c		2.2	3.2	1.2	2.1	1.3	2.4
			$n_{2\,Eck}$		16	20	8	10	17	20
			$n_{2\,th}$		16	19	8	10	17	17
236.622	2695	0.82	M_2	431	1413	888		1503	2441	1208
			c	5.4	1.8	2.7		1.8	1.1	2.0
			$n_{2\,Eck}$	17	14	17		9	15	17
			$n_{2\,th}$	17	14	17		8	15	15
252.167	2810	0.63	M_2	460	1506	947		1602	2602	1288
			c	5.3	1.8	2.6		1.7	1.0	2.0
			$n_{2\,Eck}$	16	14	16		8	14	16
			$n_{2\,th}$	16	14	16		8	14	14
268.889	2848	0.82	M_2	492	1607	1012		1710		1375
			c	5.1	1.7	2.5		1.7		1.9
			$n_{2\,Eck}$	15	13	15		7		15
			$n_{2\,th}$	15	13	15		7		13
326.333	2848	0.59	M_2	603	1957	1234		2082		1675
			c	4.2	1.4	2.1		1.4		1.5
			$n_{2\,Eck}$	12	11	12		6		13
			$n_{2\,th}$	12	10	12		6		11
363.000	2695	0.76	M_2	675	2181	1377				
			c	3.5	1.2	1.8				
			$n_{2\,Eck}$	11	9	11				
			$n_{2\,th}$	11	9	11				
412.500	2848	0.55	M_2	769	2481	1566				
			c	3.3	1.1	1.6				
			$n_{2\,Eck}$	10	8	10				
			$n_{2\,th}$	10	8	10				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2848$ Nm

17NC17	17NC23	17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	GST11-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
21.50	10.80	19.00	9.50	36.30	16.30	36.00	12.00	M_1	J_G	$M_{2\,GN}$	i
1680	2300	3480	4110	1700	2340	3510	4150	n_1			
8.5	5.5	15.8	10.2	13.9	8.2	28.7	14.0	$I_{M\,400}$			
3.80	2.60	6.90	4.10	6.40	4.00	13.20	5.20	P_N			
36.04	36.04	36.04	36.04	72.12	72.12	72.04	72.12	J_M			
	1505 1.8 16 16		1323 1.8 28 21					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.77	2695	146.993
	1620 1.7 15 15		1425 1.8 26 20					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.40	2810	158.194
	1851 1.5 13 13		1627 1.5 23 17					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.29	2695	180.156
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.88	2810	207.778
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.82	2695	236.622
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.63	2810	252.167
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.82	2848	268.889
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.59	2848	326.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.76	2695	363.000
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.55	2848	412.500

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

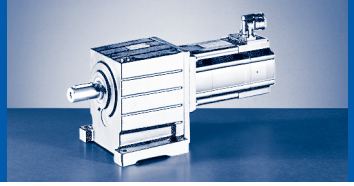
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5786$ Nm

GST14-2A				19SC17	19SC23	19SC35	21XC17	21XC25	21XC35
				...F10	...S00	...F10	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	36.30	16.30	36.00	61.40	24.60	55.00
			n_1	1700	2340	3510	1710	2490	3520
			$I_{M\,400}$	13.9	8.2	28.7	22.5	13.5	42.5
			P_N	6.40	4.00	13.20	11.00	6.40	20.30
			J_M	72.12	72.12	72.04	180.04	180.04	180.04
8.027	3168	100.00	M_2						408
			c						5.6
			$n_{2\,Eck}$						439
			$n_{2\,th}$						251
8.800	3737	139.00	M_2						445
			c						6.0
			$n_{2\,Eck}$						400
			$n_{2\,th}$						195
9.841	3333	75.10	M_2				559		505
			c				5.4		4.8
			$n_{2\,Eck}$				174		358
			$n_{2\,th}$				174		205
11.000	3940	119.00	M_2				623		562
			c				5.8		5.1
			$n_{2\,Eck}$				156		320
			$n_{2\,th}$				155		154
12.362	4176	89.00	M_2				703		634
			c				5.4		4.8
			$n_{2\,Eck}$				138		285
			$n_{2\,th}$				138		158
14.048	4270	86.60	M_2				803		724
			c				4.9		4.3
			$n_{2\,Eck}$				122		251
			$n_{2\,th}$				122		136
15.156	4466	67.60	M_2				866		778
			c				5.0		4.7
			$n_{2\,Eck}$				113		232
			$n_{2\,th}$				113		133
17.222	4565	66.00	M_2				989		888
			c				4.5		4.3
			$n_{2\,Eck}$				99		204
			$n_{2\,th}$				99		117
20.044	3958	45.80	M_2	672		672			
			c	5.6		4.8			
			$n_{2\,Eck}$	85		175			
			$n_{2\,th}$	85		122			
20.044	4902	45.80	M_2				1156		1037
			c				4.1		3.9
			$n_{2\,Eck}$				85		176
			$n_{2\,th}$				85		100
22.778	4498	44.90	M_2	764		764			
			c	5.6		4.8			
			$n_{2\,Eck}$	75		154			
			$n_{2\,th}$	75		108			
22.778	5010	44.90	M_2				1319		1184
			c				3.7		3.5
			$n_{2\,Eck}$				75		155
			$n_{2\,th}$				75		88
24.567	4286	33.20	M_2	830		829			
			c	5.0		4.3			
			$n_{2\,Eck}$	69		143			
			$n_{2\,th}$	69		100			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5786$ Nm

GST14-2A				19SC17	19SC23	19SC35	21XC17	21XC25	21XC35
				...F10	...S00	...F10	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	36.30	16.30	36.00	61.40	24.60	55.00
			n_1	1700	2340	3510	1710	2490	3520
			$I_{M\,400}$	13.9	8.2	28.7	22.5	13.5	42.5
			P_N	6.40	4.00	13.20	11.00	6.40	20.30
			J_M	72.12	72.12	72.04	180.04	180.04	180.04
24.567	5236	33.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1425 3.6 70 70		1278 3.4 143 82
27.917	4871	32.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	943 5.0 61 61		942 4.3 126 88			
27.917	5355	32.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1625 3.2 61 61		1458 3.1 126 72
32.267	4423	21.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1103 3.9 53 53		1100 3.4 109 76			
32.267	5436	21.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1886 2.8 53 53		1692 2.7 109 62
36.667	5026	21.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1253 3.9 46 46		1250 3.4 96 67			
36.667	5768	21.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				2147 2.6 47 47		1926 2.5 96 55
39.160	4493	15.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1347 3.3 43 43		1342 2.8 90 63			
39.160	5452	15.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				2301 2.3 44 44	890 5.6 64 51	2063 2.2 90 51
44.500	5106	15.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1531 3.3 38 38		1520 3.1 79 55			
44.500	5786	15.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				2619 2.2 38 38	1013 5.5 56 45	2343 2.3 79 45
49.500	4348	10.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1717 2.5 34 34	746 5.6 47 47	1704 2.4 71 49			
56.250	4940	10.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1951 2.5 30 30	848 5.6 42 42	1937 2.4 62 44			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

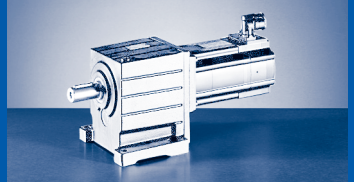
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5920$ Nm

GST14-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
40.185	4099	24.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					791 5.0 42 42		700 4.8 87 77	
40.185	4476	24.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
42.580	3804	18.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					844 4.4 40 39		743 4.7 82 73	
42.580	4262	18.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
48.386	4323	18.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					959 4.4 35 35		845 4.7 72 64	
48.386	4843	18.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
53.148	4779	20.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1053 4.4 32 32		928 4.7 66 59	
59.321	4546	13.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1184 3.7 28 28		1043 4.0 59 52	
59.321	5267	13.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
69.042	4917	11.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1382 3.5 24 24		1218 3.7 50 45	
78.457	5587	11.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1570 3.5 21 21		1384 3.7 44 40	
93.541	4793	6.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1034 4.5 18 17		928 4.7 37 37					
93.541	5524	6.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1884 2.9 18 18	918 5.7 25 25	1661 3.1 37 33	806 5.9 44 33

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5920$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST14-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	24.40	4099	40.185
1362 3.2 42 42		1357 2.8 87 61		2336 1.9 43 43	910 4.6 62 50	2094 1.8 88 50	622 5.5 104 50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	24.40	4476	40.185
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	18.30	3804	42.580
1448 2.9 40 40		1438 2.8 82 58		2480 1.7 40 40	967 4.3 59 47	2219 1.8 83 47	659 5.5 98 47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	18.30	4262	42.580
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	18.10	4323	48.386
1645 2.9 35 35		1634 2.8 73 51		2818 1.7 35 35	1099 4.3 52 42	2522 1.8 73 42	749 5.5 86 42	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	18.10	4843	48.386
1813 2.6 32 32	787 5.8 44 44	1800 2.5 66 46		3101 1.5 32 32	1213 3.8 47 38	2775 1.6 66 38	828 5.0 78 38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	20.50	4779	53.148
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	13.20	4546	59.321
2024 2.6 29 29	879 5.7 40 39	2010 2.5 59 41		3462 1.5 29 29	1354 3.8 42 34	3098 1.6 59 34	924 4.9 70 34	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	13.20	5267	59.321
2369 2.1 25 25	1035 4.6 34 34	2351 2.0 51 35	754 5.6 60 35	4042 1.2 25 25	1589 3.0 36 29	3618 1.3 51 29	1087 3.9 60 29	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.50	4917	69.042
2692 2.1 22 22	1176 4.6 30 30	2672 2.0 45 31	857 5.6 53 31	4593 1.2 22 22	1805 3.0 32 26	4112 1.3 45 26	1236 3.9 53 26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.40	5587	78.457
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.57	4793	93.541
3221 1.7 18 18	1415 3.8 25 25	3197 1.6 38 26	1032 4.6 44 26					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.57	5524	93.541

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

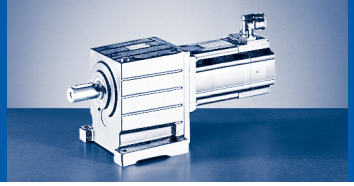
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5920$ Nm

GST14-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
96.157	5882	10.40	M_2					1935	941	1706	
			c					3.0	5.9	3.2	
			$n_{2\,Eck}$					18	24	36	
			$n_{2\,th}$					17	24	32	
106.296	5447	6.52	M_2	1175		1054					
			c	4.5		4.7					
			$n_{2\,Eck}$	15		33					
			$n_{2\,th}$	15		33					
106.296	5920	6.52	M_2					2145	1047	1891	919
			c					2.7	5.4	2.9	5.5
			$n_{2\,Eck}$					16	22	33	39
			$n_{2\,th}$					16	22	29	29
130.278	5920	6.00	M_2	1448		1300		2643	1297	2331	1139
			c	4.0		4.2		2.2	4.4	2.4	4.5
			$n_{2\,Eck}$	13		27		13	18	27	32
			$n_{2\,th}$	13		27		13	18	24	24
139.211	5736	4.42	M_2	1553		1395		2830	1392	2497	1223
			c	3.6		3.8		2.0	4.0	2.2	4.1
			$n_{2\,Eck}$	12		25		12	17	25	30
			$n_{2\,th}$	12		25		12	17	22	22
158.194	5920	4.40	M_2	1771	962	1591		3222	1588	2844	1395
			c	3.3	5.8	3.5		1.8	3.6	2.0	3.7
			$n_{2\,Eck}$	10	13	22		11	15	22	26
			$n_{2\,th}$	10	13	22		11	15	20	20
171.111	5920	5.49	M_2	1921	1045	1725		3491	1723	3081	1514
			c	3.0	5.4	3.2		1.7	3.4	1.8	3.4
			$n_{2\,Eck}$	10	12	20		10	13	20	24
			$n_{2\,th}$	10	12	20		10	13	18	18
204.722	5920	2.86	M_2	2310	1263	2076	1012	4188	2073	3697	1822
			c	2.5	4.5	2.7	5.1	1.4	2.8	1.5	2.9
			$n_{2\,Eck}$	8	10	17	20	8	11	17	20
			$n_{2\,th}$	8	10	17	18	8	11	15	15
236.622	5779	2.65	M_2	2682	1470	2410	1179	4852	2407	4284	2116
			c	2.1	3.8	2.3	4.3	1.2	2.4	1.3	2.4
			$n_{2\,Eck}$	7	9	15	17	7	10	15	17
			$n_{2\,th}$	7	8	15	15	7	10	13	13
248.458	5920	2.06	M_2	2817	1546	2532	1240	5097	2529	4500	2224
			c	2.1	3.7	2.2	4.2	1.2	2.3	1.3	2.4
			$n_{2\,Eck}$	7	8	14	17	7	9	14	17
			$n_{2\,th}$	7	8	14	14	7	9	13	13
268.889	5920	2.65	M_2	3054	1678	2745	1346	5521	2742	4875	2411
			c	1.9	3.4	2.0	3.8	1.1	2.1	1.2	2.2
			$n_{2\,Eck}$	6	7	13	15	6	9	13	15
			$n_{2\,th}$	6	7	13	13	6	9	12	12
326.333	5920	1.92	M_2	3720	2049	3344	1646		3341		2938
			c	1.6	2.8	1.7	3.2		1.8		1.8
			$n_{2\,Eck}$	5	6	11	13		7		13
			$n_{2\,th}$	5	6	11	11		7		10
363.000	5779	2.45	M_2	4146	2288	3728	1838				
			c	1.4	2.5	1.5	2.8				
			$n_{2\,Eck}$	5	6	10	11				
			$n_{2\,th}$	5	6	10	10				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

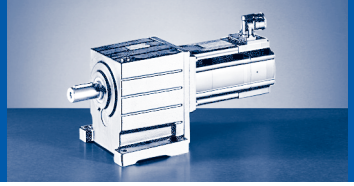


$M_{2\,GN} \leq 5920$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST14-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
3309 1.8 18 18	1452 3.9 24 24	3284 1.7 37 25	1059 4.8 43 25	5640 1.0 18 18	2223 2.6 26 21	5049 1.1 37 21	1523 3.4 43 21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	10.40	5882	96.157
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.52	5447	106.296
3664 1.6 16 16	1611 3.6 22 22	3637 1.5 33 23	1176 4.4 39 23					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.52	5920	106.296
4505 1.3 13 13	1989 2.9 18 18	4470 1.3 27 19	1454 3.6 32 19					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.00	5920	130.278
4820 1.2 12 12	2131 2.7 17 17	4783 1.1 25 18	1559 3.2 30 18					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.42	5736	139.211
5483 1.1 11 11	2428 2.4 15 15	5441 1.0 22 15	1778 2.9 26 15					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.40	5920	158.194
	2631 2.2 14 14		1927 2.7 24 14					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.49	5920	171.111
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.86	5920	204.722
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.65	5779	236.622
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.06	5920	248.458
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.65	5920	268.889
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.92	5920	326.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.45	5779	363.000

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

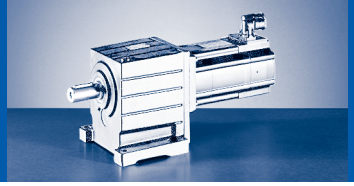


$M_{2\,GN} \leq 5920$ Nm

GST14-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
412.500	5920	1.78	M_2	4718	2607	4243	2095				
			c	1.3	2.2	1.3	2.5				
			$n_{2\,Eck}$	4	5	8	10				
			$n_{2\,th}$	4	5	8	9				

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

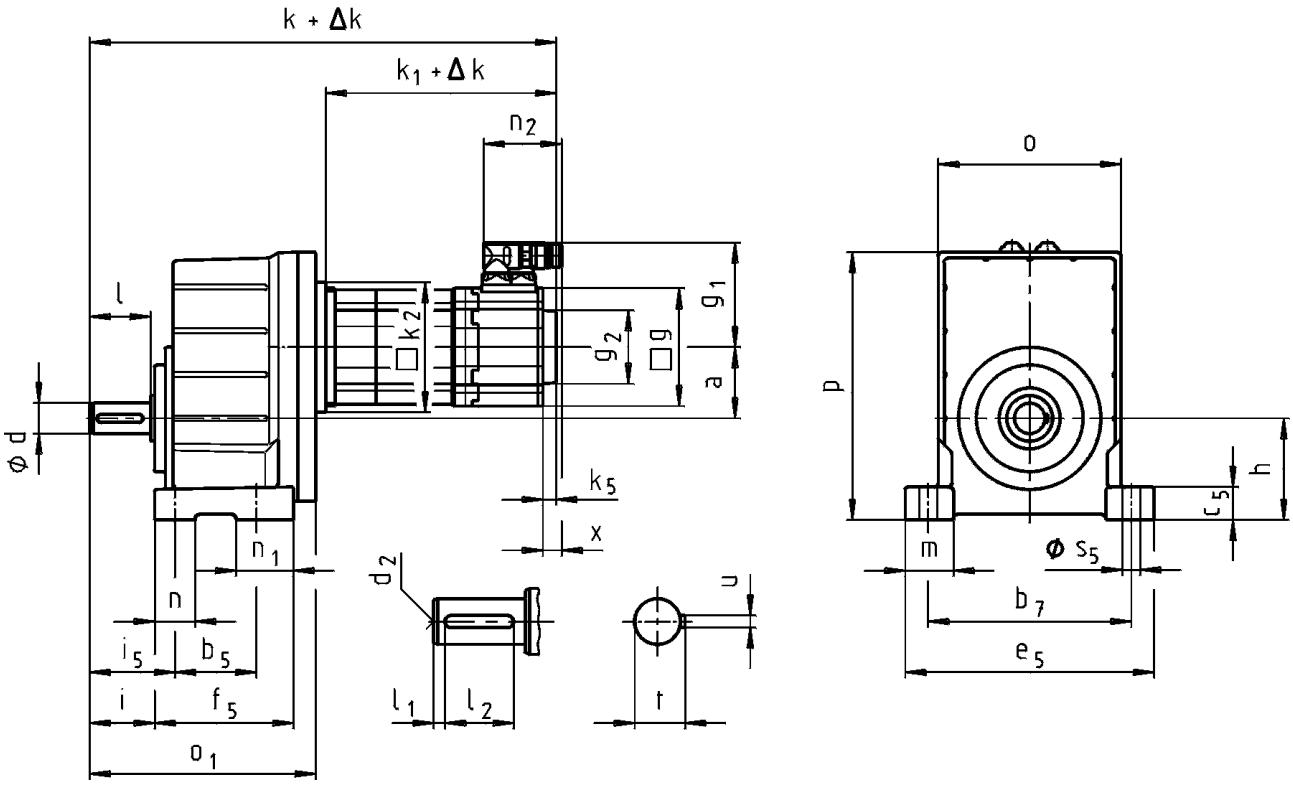


$M_{2\,GN} \leq 5920$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GST14-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.78	5920	412.500

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

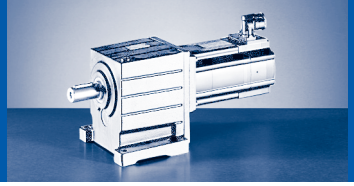


GST□□-1S VBR ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST04...	k	279	309	339	331	351	371	411							
GST05...	k	300	330	360	352	372	392	432	369		409			449	
GST06...	k	323	353	383	375	395	415	455	392		432			472	
GST07...	k				404	424	444	484	421		461			501	
GST09...	k								464		504			544	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GST05: 12DC20 ... 12LC41



GST□□-1S VBR ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST06...	k	408		448		488		528							
GST07...	k	437		477		517		557		476		516		576	
GST09...	k	480		520		560		600		519		559		619	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

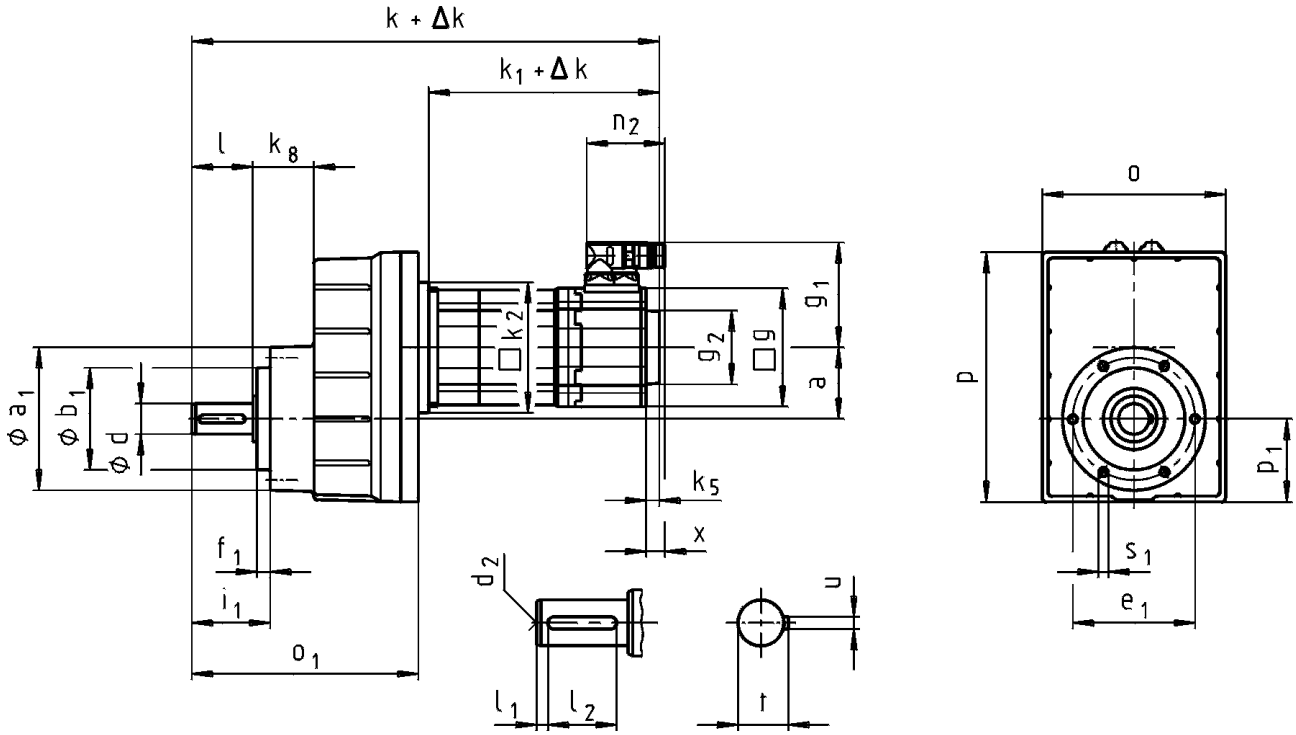
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GST□□-1S VBR

	o	o_1	p	h	a
GST04...	100	134	138	50	36
GST05...	115	165	168	63	45
GST06...	145	191	211	80	56
GST07...	180	223	264	100	70
GST09...	222	271	329	125	89

	d	l	l_1	l_2	d_2	u	t	b_5	b_7	c_5	e_5	f_5	i	i_5	m	n	n_1	s_5
GST04...	16	32	6	20	M5	5	18	55	105	17	128	80	35	45	24	20	25	9
GST05...	20	40		28	M6	6	22.5	70	125	22	154	99	43	56	32	26	29	11
GST06...	25	50	4	40	M10	8	28	72	160	27	194	115	53	68	37	30	43	13.5
GST07...	30	60	7.5	45			33	80	200	35	245	137	64	84	48	40	57	18
GST09...	40	80	8.5	63	M16	12	43	105	245	43	296	161	84	107	51	45	56	

d ≤ 50 mm: k6; d > 50 mm: m6

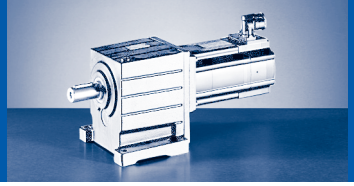


GST□□-1S VCR ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST04...	k	279	309	339	331	351	371	411							
GST05...	k	300	330	360	352	372	392	432	369			409		449	
GST06...	k	323	353	383	375	395	415	455	392			432		472	
GST07...	k				404	424	444	484	421			461		501	
GST09...	k								464			504		544	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188			228		268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GST05: 12DC20 ... 12LC41



GST□□-1S VCR ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST06...	k	408		448		488		528							
GST07...	k	437		477		517		557		476		516		576	
GST09...	k	480		520		560		600		519		559		619	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

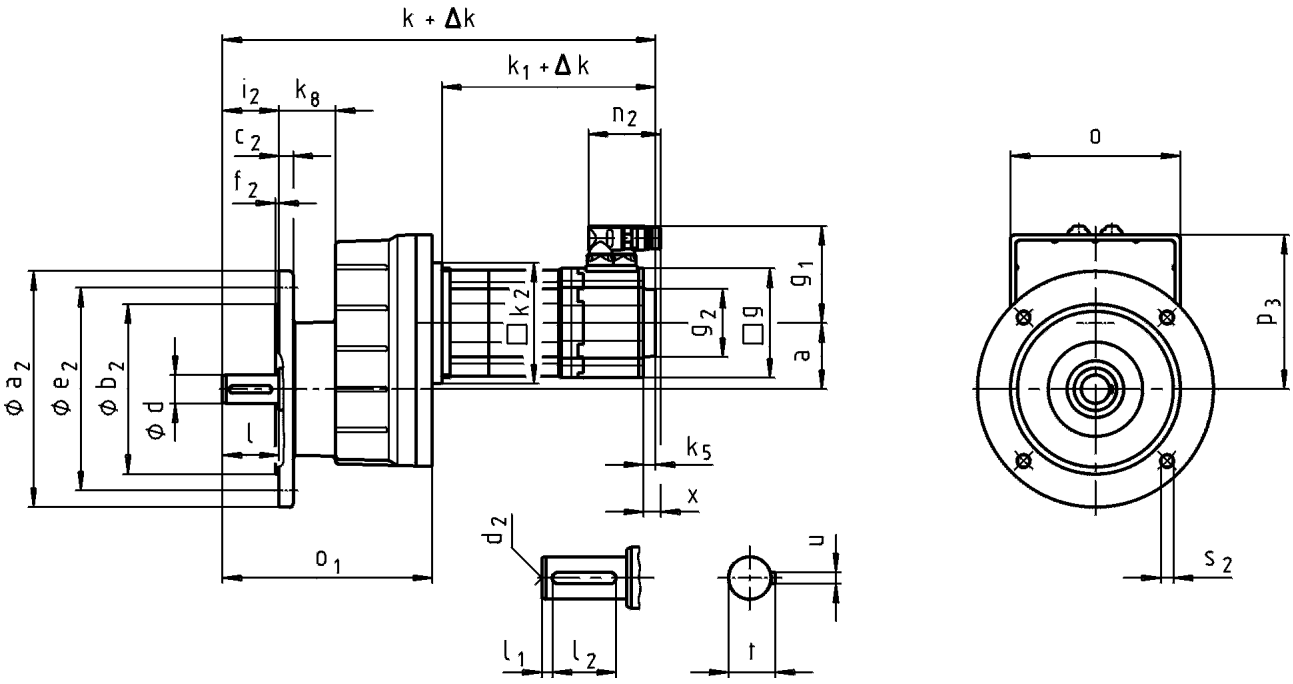
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GST□□-1S VCR

	o	o_1	p	p_1	a	k_8
GST04...	100	134	129	41	36	35
GST05...	115	165	156	51	45	43
GST06...	145	191	194	63	56	48
GST07...	180	223	245	82	70	60
GST09...	222	271	304	101	89	74

	d	l	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
									h7				6x60°
GST04...	16	32	6	20	M5	5	18	72	48	61	8	43	M5x10
GST05...	20	40		28	M6	6	22.5	88	58	74	9	52	M6x12
GST06...	25	50	4	40	M10	8	28	109	70	90	11	64	M8x14
GST07...	30	60	7.5	45			33	140	100	120	13	77	M10x18
GST09...	40	80	8.5	63	M16	12	43	174	120	145	15	100	M12x20

d ≤ 50 mm: k6; d > 50 mm: m6

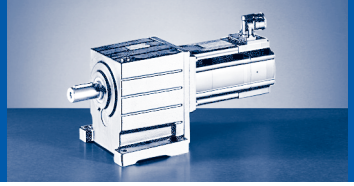


GST□□-1S VCK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST04...	k	279	309	339	331	351	371	411							
GST05...	k	300	330	360	352	372	392	432	369			409		449	
GST06...	k	323	353	383	375	395	415	455	392			432		472	
GST07...	k				404	424	444	484	421			461		501	
GST09...	k								464			504		544	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188			228		268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GST05: 12DC20 ... 12LC41



GST□□-1S VCK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST06...	k	408		448		488		528							
GST07...	k	437		477		517		557		476		516		576	
GST09...	k	480		520		560		600		519		559		619	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

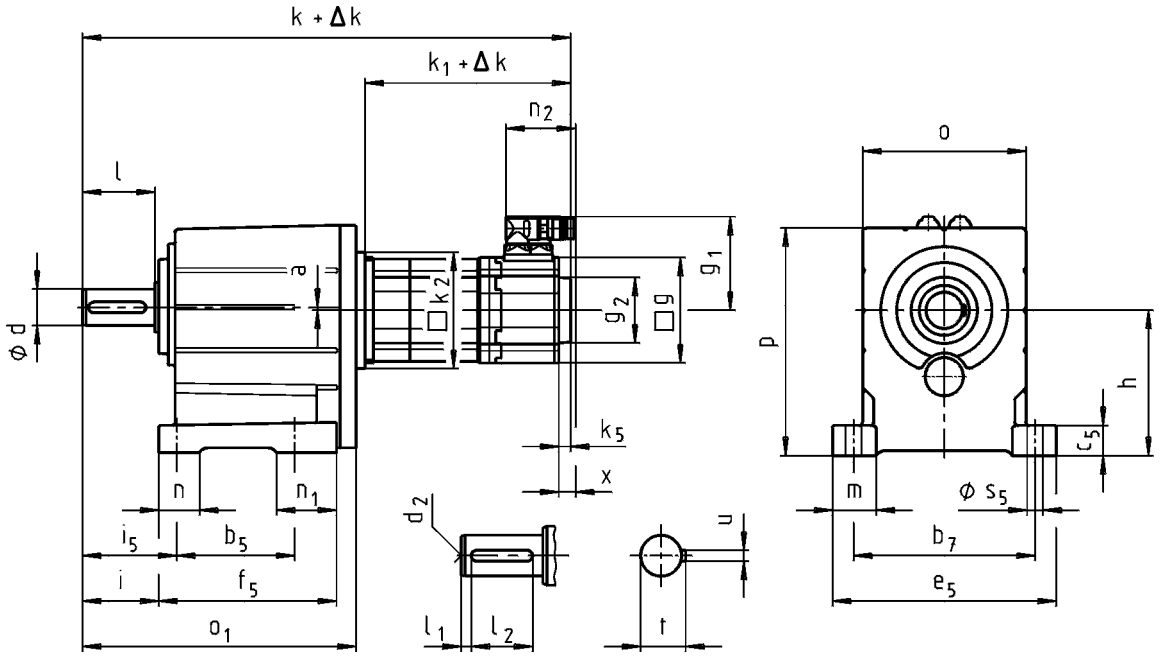
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GST□□-1S VCK

	o	o_1	p_1	p_3	a	k_8
GST04...	100	134	41	88	36	35
GST05...	115	165	51	105	45	43
GST06...	145	191	63	131	56	48
GST07...	180	223	82	164	70	60
GST09...	222	271	101	204	89	74

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					4x90°
GST04...	16	32	6	20	M5	5	18	120	80	10	100	3	32	7
								140	95		115			9
								160	110		130	3.5		
GST05...	20	40		28	M6	6	22.5	120	80		100	3	40	7
								140	95		115			9
								160	110		130	3.5		
								200	130	12	165			11
GST06...	25	50	4	40	M10	8	28	160	110		130		50	9
								200	130		165			11
GST07...	30	60	7.5	45			33			14			60	
								250	180	15	215	4		13.5
GST09...	40	80	8.5	63	M16	12	43			16			80	
								300	230	18	265			

d ≤ 50 mm: k6; d > 50 mm: m6

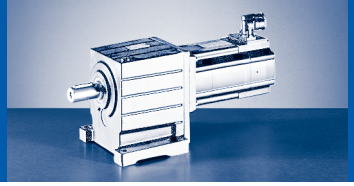


GST□□-2S VBR ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST03...	k	279 [2]	309 [2]	339 [2]											
	k	291 [3]	321 [3]	351 [3]											
GST04...	k	319	349	379	371	391	411	451							
GST05...	k	349	379	409	401	421	441	481	418		458			498	
GST06...	k	375	405	435	427	447	467	507	444		484			524	
GST07...	k				483	503	523	563	500		540			580	
GST09...	k								563		603			643	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [4]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] d = 14
[3] d = 20
[4] GST05: 12DC20 ... 12LC41



GST□□-2S VBR ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST06...	k	460		500		540		580							
GST07...	k	516		556		596		636		555		595		655	
GST09...	k	579		619		659		699		618		658		718	
GST11...	k	636		676		716		756		675		715		775	
GST14...	k									765		805		865	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

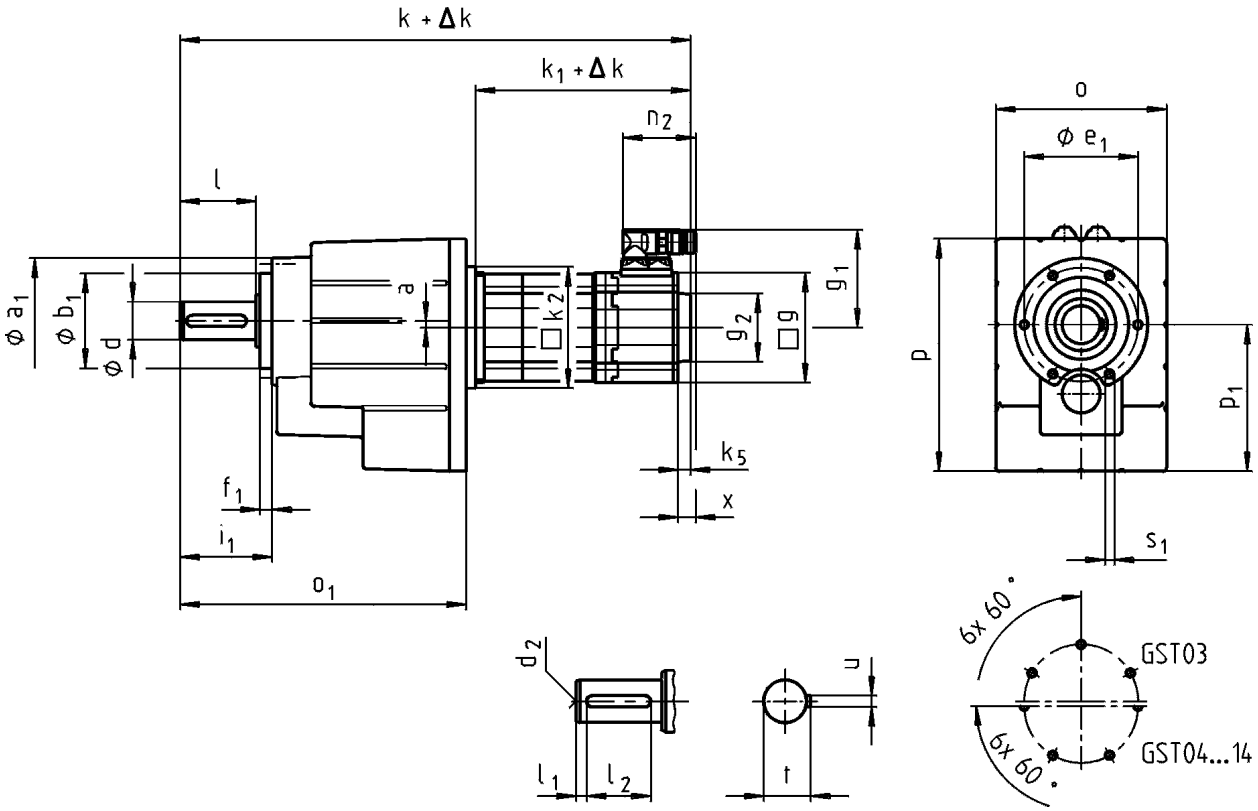
GST□□-2S VBR

	o	o_1	p	h	a
GST03...	90	127 [2] 139 [3]	101	65	2
GST04...	100	174	132	80	0
GST05...	115	214	159	100	1
GST06...	145	243	198	125	2
GST07...	180	302	251	160	3
GST09...	222	370	311	200	4
GST11...	270	433	385	250	
GST14...	328	533	479	315	6

[2] d = 14
[3] d = 20

	d	l	l_1	l_2	d_2	u	t	b_5	b_7	c_5	e_5	f_5	i	i_5	m	n	n_1	s_5
GST03...	14	28	4	20	M5	5	16	60	91	11	105	84	34	40	20	-	-	6.6
	20	40	5	28	M6	6	22.5						46	52				
GST04...								76	105	18	129	112	43	53	25	20	36	9
GST05...	25	50	4	40	M10	8	28	90	125	23	155	139	53	66	33	26	49	11
GST06...	30	60	6	45			33	106	160	28	196	157	64	79	38	35	52	13.5
GST07...	40	80	7	63	M16	12	43	130	200	34	247	196	84	104	49	45	66	18
GST09...	50	100	8	80		14	53.5	165	245	44	298	239	105	127.5	54	48	74	
GST11...	60	120		100	M20	18	64	200	300	54	368	280	125	155	69	65	80	22
GST14...	80	160	15	125		22	85	250	380	65	460	340	165	200	85	85	91	26

d ≤ 50 mm: k6; d > 50 mm: m6

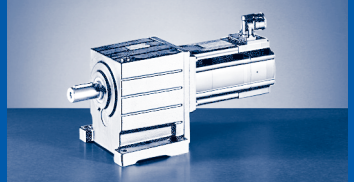


GST□□-2S VCR ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST03...	k	279 [2]	309 [2]	339 [2]											
	k	291 [3]	321 [3]	351 [3]											
GST04...	k	319	349	379	371	391	411	451							
GST05...	k	349	379	409	401	421	441	481	418		458			498	
GST06...	k	375	405	435	427	447	467	507	444		484			524	
GST07...	k				483	503	523	563	500		540			580	
GST09...	k								563		603			643	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [4]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] d = 14
[3] d = 20
[4] GST05: 12DC20 ... 12LC41



GST□□-2S VCR ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST06...	k	460		500		540		580							
GST07...	k	516		556		596		636		555		595		655	
GST09...	k	579		619		659		699		618		658		718	
GST11...	k	636		676		716		756		675		715		775	
GST14...	k									765		805		865	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

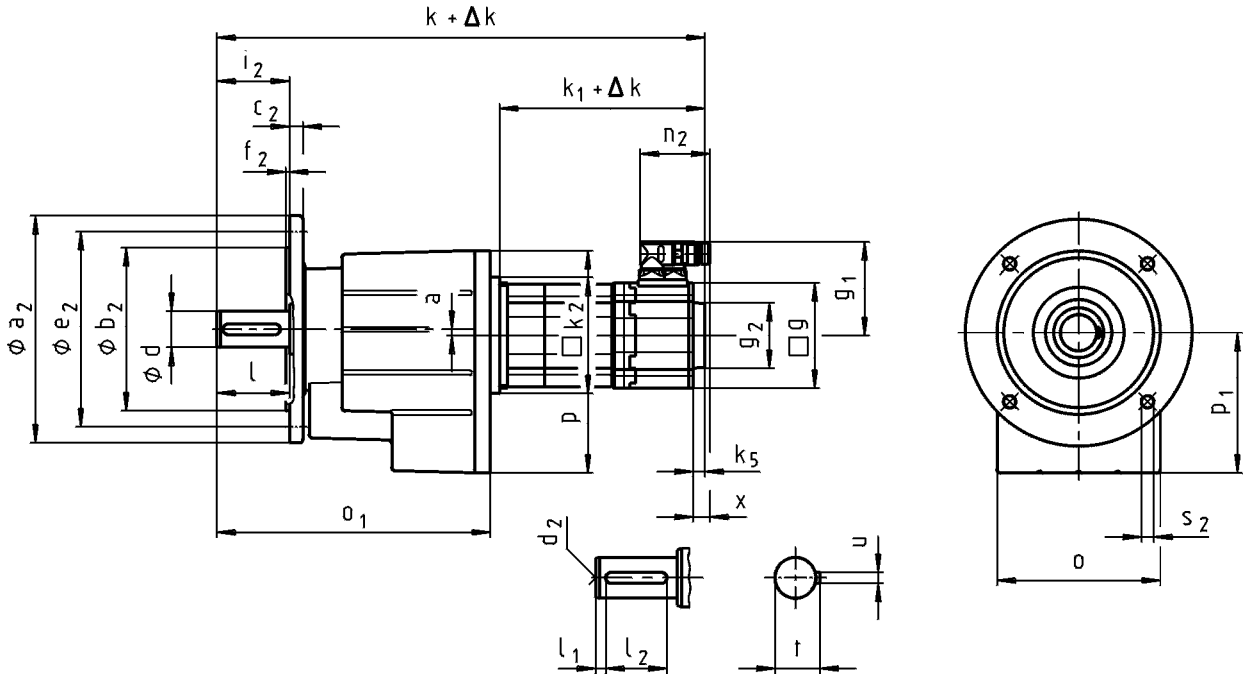
GST□□-2S VCR

	o	o_1	p	p_1	a
GST03...	90	127 [2] 139 [3]	100	64	2
GST04...	100	174	129	77	0
GST05...	115	214	156	98	1
GST06...	145	243	194	121	2
GST07...	180	302	245	155	3
GST09...	222	370	304	194	4
GST11...	270	433	378	243	
GST14...	328	533	470	306	6

[2] d = 14
[3] d = 20

	d	l	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
									h7				6x60°
GST03...	14	28	4	20	M5	5	16	71	48	61	8	39	M5x10
GST04...	20	40	5	28	M6	6	22.5	72				51	
GST05...	25	50	4	40	M10	8	28	88	58	74	9	62	M6x12
GST06...	30	60	6	45			33	109	70	90	10	74	M8x14
GST07...	40	80	7	63	M16	12	43	140	100	120	13	97	M10x18
GST09...	50	100	8	80		14	53.5	174	120	145	15	120	M12x20
GST11...	60	120		100	M20	18	64	215	150	185	18	143	M16x26
GST14...	80	160	15	125		22	85	265	195	230	22	187	M20x34

d ≤ 50 mm: k6; d > 50 mm: m6

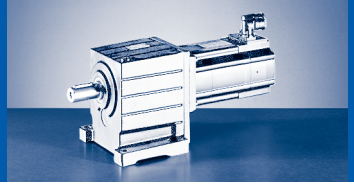


GST□□-2S VCK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST03...	k	279 [2]	309 [2]	339 [2]											
	k	291 [3]	321 [3]	351 [3]											
GST04...	k	319	349	379	371	391	411	451							
GST05...	k	349	379	409	401	421	441	481	418		458			498	
GST06...	k	375	405	435	427	447	467	507	444		484			524	
GST07...	k				483	503	523	563	500		540			580	
GST09...	k								563		603			643	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [4]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] d = 14
[3] d = 20
[4] GST05: 12DC20 ... 12LC41



GST□□-2S VCK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST06...	k	460		500		540		580							
GST07...	k	516		556		596		636		555		595		655	
GST09...	k	579		619		659		699		618		658		718	
GST11...	k	636		676		716		756		675		715		775	
GST14...	k									765		805		865	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

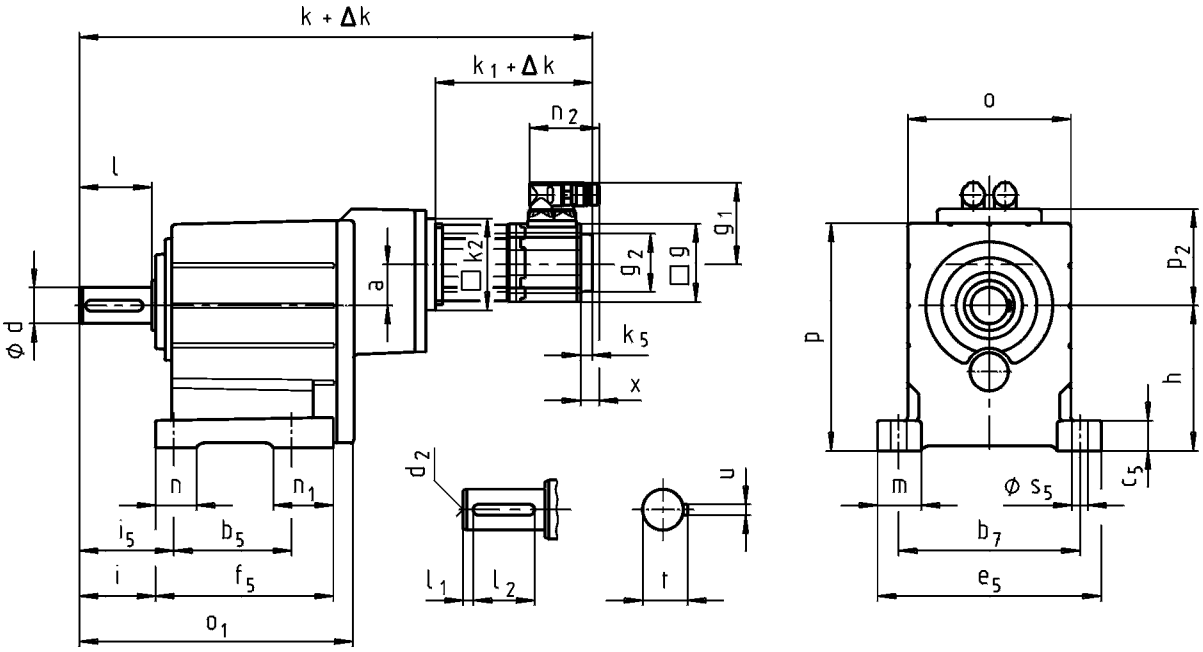
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GST□□-2S VCK

	o	o_1	p	p_1	a	d	l	l_1	l_2	d_2	u	t
GST03...	90	127 [2] 139 [3]	100	64	2	14	28	4	20	M5	5	16
GST04...	100	174	129	77	0	20	40	5	28	M6	6	22.5
GST05...	115	214	156	98	1	25	50	4	40	M10	8	28
GST06...	145	243	194	121	2	30	60	6	45			33
GST07...	180	302	245	155	3	40	80	7	63	M16	12	43
GST09...	222	370	304	194	4	50	100	8	80		14	53.5
GST11...	270	433	378	243		60	120		100	M20	18	64
GST14...	328	533	470	306	6	80	160	15	125		22	85

	a_2	b_2	c_2	e_2	f_2	i_2	s_2		a_2	b_2	c_2	e_2	f_2	i_2	s_2
		j7					4x90°			j7					4x90°
GST03...	120	80	10	100	3	28 [2] 40 [3]	7	GST06...	160	110	12	130	3.5	60	9
	140	95		115			9		200	130		165		80	11
	160	110		130	3.5			GST07...			14				
GST04...	120	80		100	3	40	7		250	180	15	215	4	100	13.5
	140	95		115			9	GST09...			16				
	160	110		130	3.5				300	230	18	265		120	14
GST05...	120	80		100	3	50	7	GST11...			20				
	140	95		115			9		350	250	22	300	5	160	18
	160	110		130	3.5			GST14...							
	200	130	12	165			11		400	300	24	350			

d ≤ 50 mm: k6; d > 50 mm: m6
[2] d = 14
[3] d = 20

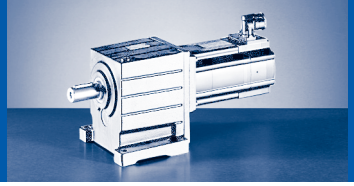


GST□□-3S VBR ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST05...	k	425	455	485	478	498	518	558							
GST06...	k	468	498	528	521	541	561	601							
GST07...	k	535	565	595	588	608	628	668	605		645			685	
GST09...	k	616	646	676	669	689	709	749	686		726			766	
GST11...	k				745	765	785	825	762		802			842	
GST14...	k								886		926			966	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GST07: 12DC20 ... 12LC41



GST□□-3S VBR ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST09...	k	701		741		781		821							
GST11...	k	777		817		857		897		816		856		916	
GST14...	k	901		941		981		1021		940		980		1040	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

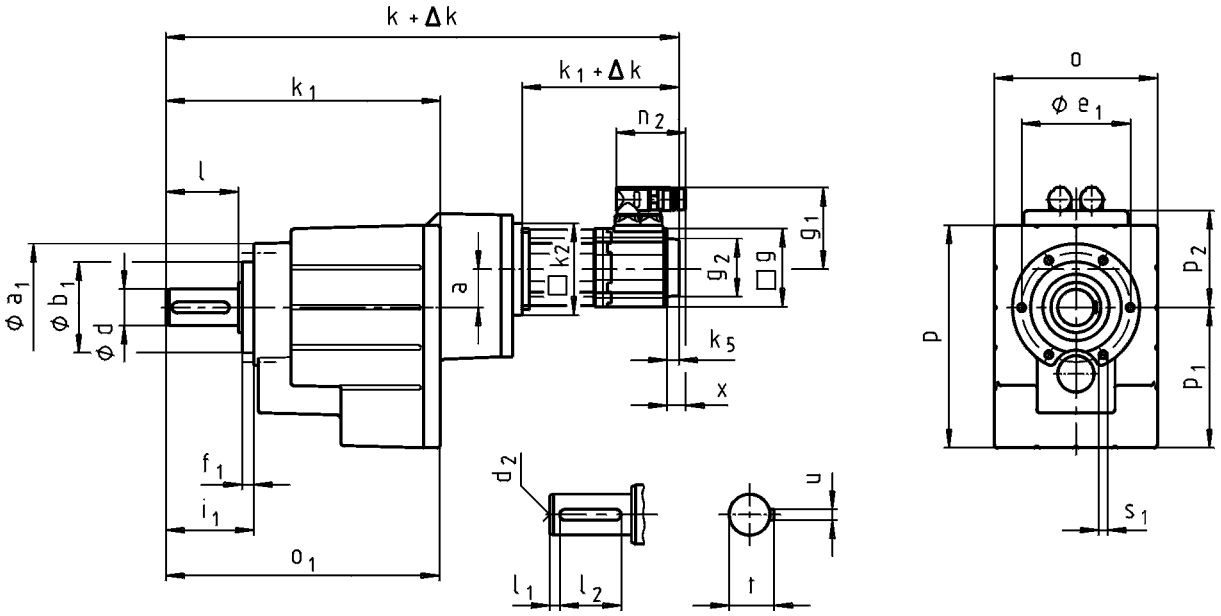
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GST□□-3S VBR

	o	o_1	p	p_2	h	a
GST05...	115	208	159	87	100	35
GST06...	145	240	198		125	34
GST07...	180	302	251	103	160	42
GST09...	222	370	311	129	200	52
GST11...	270	433	385	162	250	66
GST14...	328	533	479	200	315	83

	d	l	l_1	l_2	d_2	u	t	b_5	b_7	c_5	e_5	f_5	i	i_5	m	n	n_1	s_5
GST05...	25	50	4	40	M10	8	28	90	125	23	155	139	53	66	33	26	49	11
GST06...	30	60	6	45			33	106	160	28	196	157	64	79	38	35	52	13.5
GST07...	40	80	7	63	M16	12	43	130	200	34	247	196	84	104	49	45	66	18
GST09...	50	100	8	80		14	53.5	165	245	44	298	239	105	127.5	54	48	74	
GST11...	60	120		100	M20	18	64	200	300	54	368	280	125	155	69	65	80	22
GST14...	80	160	15	125		22	85	250	380	65	460	340	165	200	85	85	91	26

d ≤ 50 mm: k6; d > 50 mm: m6

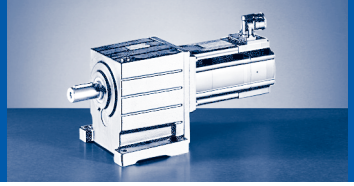


GST□□-3S VCR ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST05...	k	425	455	485	478	498	518	558							
GST06...	k	468	498	528	521	541	561	601							
GST07...	k	535	565	595	588	608	628	668	605		645			685	
GST09...	k	616	646	676	669	689	709	749	686		726			766	
GST11...	k				745	765	785	825	762		802			842	
GST14...	k								886		926			966	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GST07: 12DC20 ... 12LC41



GST□□-3S VCR ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST09...	k	701		741		781		821							
GST11...	k	777		817		857		897		816		856		916	
GST14...	k	901		941		981		1021		940		980		1040	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

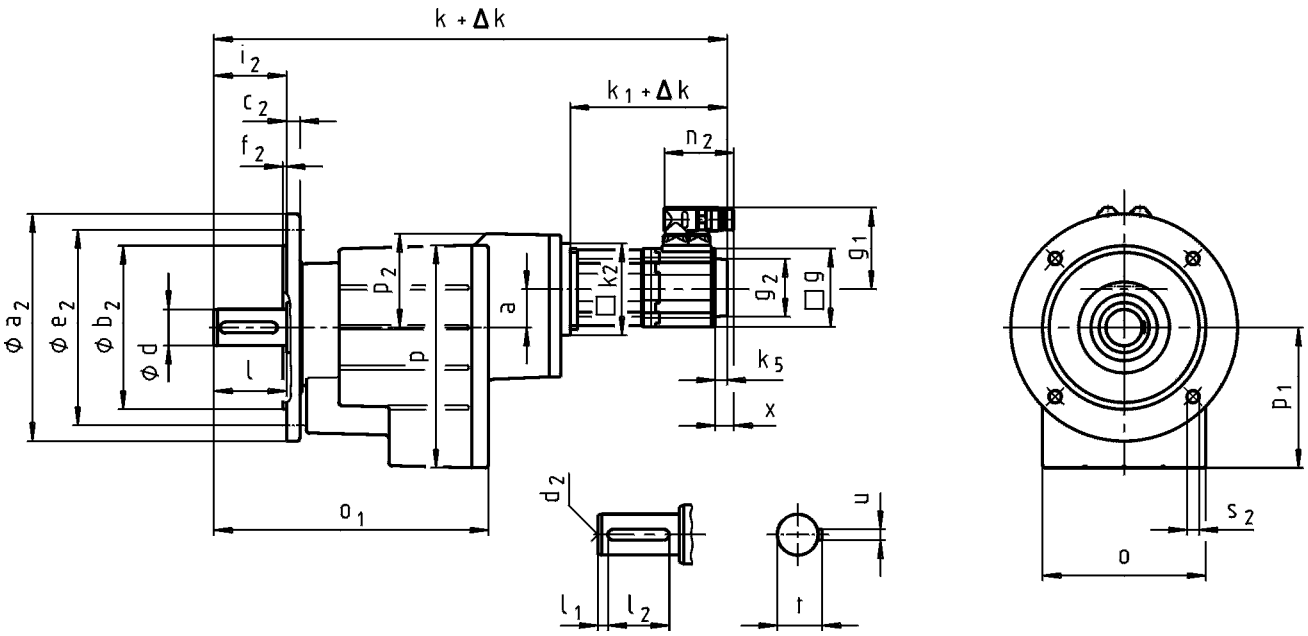
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GST□□-3S VCR

	o	o_1	p	p_1	p_2	a
GST05...	115	208	156	98	87	35
GST06...	145	240	194	121		34
GST07...	180	302	245	155	103	42
GST09...	222	370	304	194	129	52
GST11...	270	433	378	243	162	66
GST14...	328	533	470	306	200	83

	d	l	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
									h7				6x60°
GST05...	25	50	4	40	M10	8	28	88	58	74	9	62	M6x12
GST06...	30	60	6	45			33	109	70	90	10	74	M8x14
GST07...	40	80	7	63	M16	12	43	140	100	120	13	97	M10x18
GST09...	50	100	8	80		14	53.5	174	120	145	15	120	M12x20
GST11...	60	120		100	M20	18	64	215	150	185	18	143	M16x26
GST14...	80	160	15	125		22	85	265	195	230	22	187	M20x34

d ≤ 50 mm: k6; d > 50 mm: m6

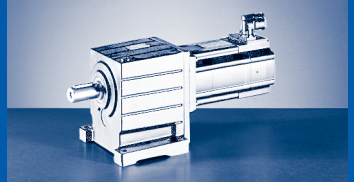


GST□□-3S VCK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GST05...	k	425	455	485	478	498	518	558							
GST06...	k	468	498	528	521	541	561	601							
GST07...	k	535	565	595	588	608	628	668	605		645			685	
GST09...	k	616	646	676	669	689	709	749	686		726			766	
GST11...	k				745	765	785	825	762		802			842	
GST14...	k								886		926			966	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GST07: 12DC20 ... 12LC41



GST□□-3S VCK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GST09...	k	701		741		781		821							
GST11...	k	777		817		857		897		816		856		916	
GST14...	k	901		941		981		1021		940		980		1040	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

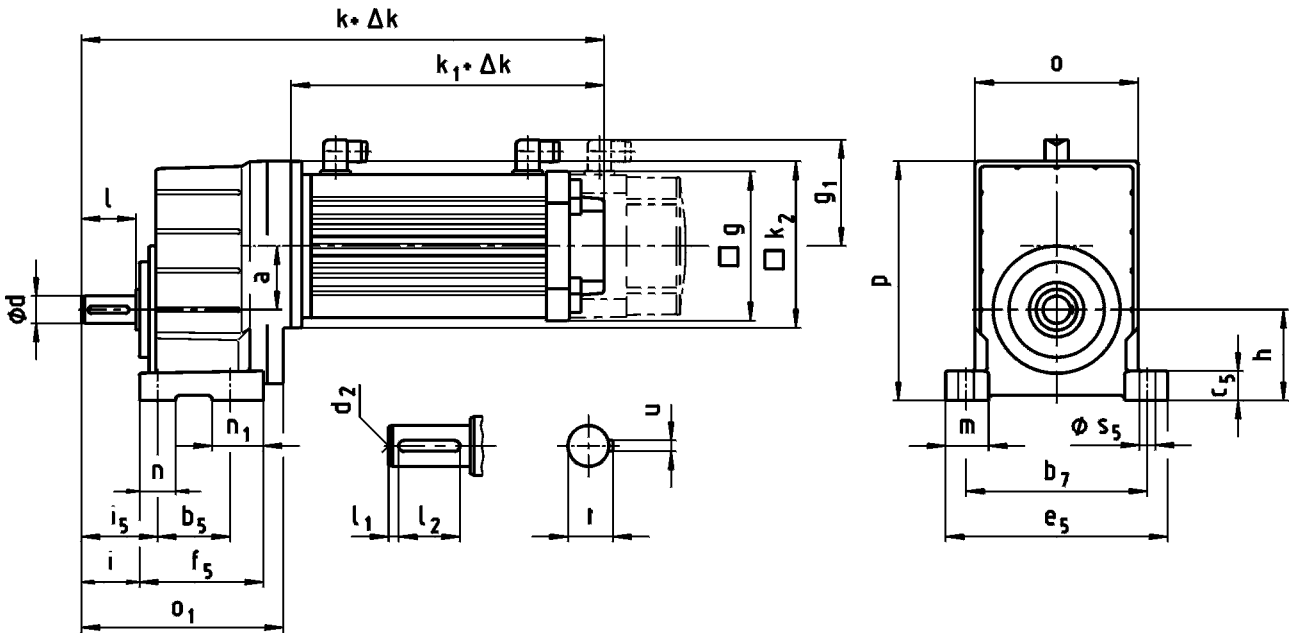
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GST□□-3S VCK

	o	o_1	p	p_1	p_2	a
GST05...	115	208	156	98	87	35
GST06...	145	240	194	121		34
GST07...	180	302	245	155	103	42
GST09...	222	370	304	194	129	52
GST11...	270	433	378	243	162	66
GST14...	328	533	470	306	200	83

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					4x90°
GST05...	25	50	4	40	M10	8	28	120	80	10	100	3	50	7
								140	95		115			9
								160	110		130	3.5		
								200	130	12	165			11
GST06...	30	60	6	45			33	160	110		130		60	9
								200	130		165			11
GST07...	40	80	7	63	M16	12	43			14			80	
								250	180	15	215	4		13.5
GST09...	50	100	8	80		14	53.5			16			100	
								300	230	18	265			
GST11...	60	120		100	M20	18	64						120	14
								350	250	20	300	5		18
GST14...	80	160	15	125		22	85			22			160	
								400	300	24	350			

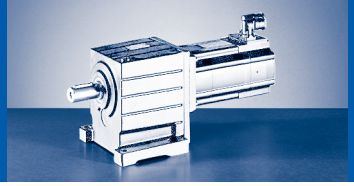
d ≤ 50 mm: k6; d > 50 mm: m6



GST□□-1A VBR ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST04...	k	407	415	483						
GST05...	k	428	436	504	486		548			
GST06...	k	451	459	527	509		571		548	
GST07...	k	480	488	556	538		600		577	
GST09...	k				581		643		620	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GST□□-1A VBR ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST06...	k	637									
GST07...	k	666		646		743		724		820	
GST09...	k	709		689		786		767		863	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

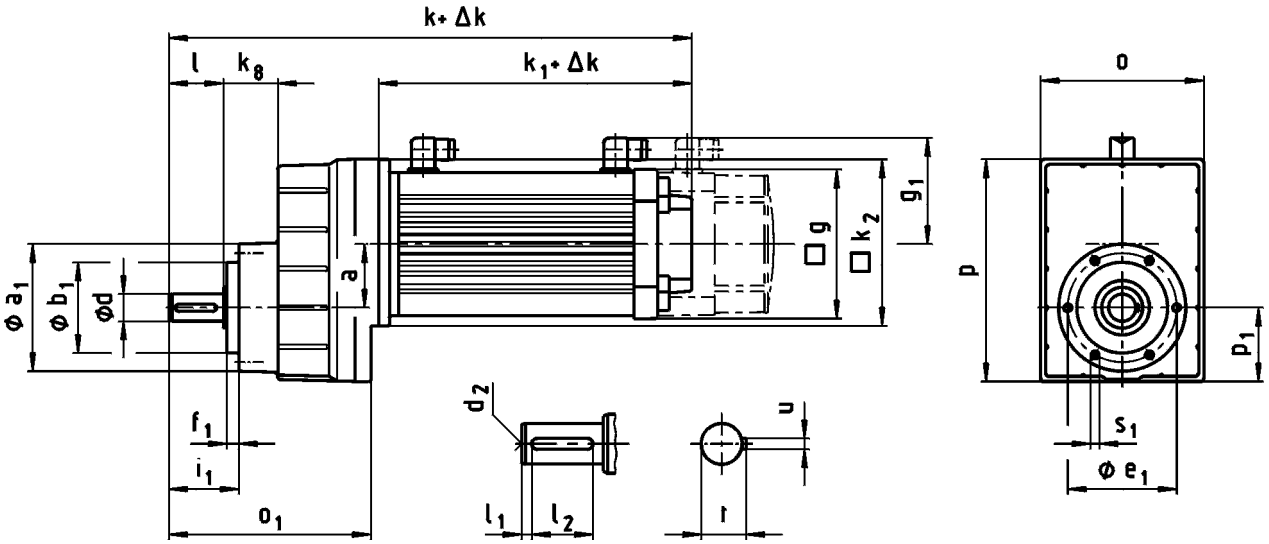
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GST□□-1A VBR

	o	o_1	p	h	a
GST04...	100	134	138	50	36
GST05...	115	165	168	63	45
GST06...	145	191	211	80	56
GST07...	180	223	264	100	70
GST09...	222	271	329	125	89

	d	l	l_1	l_2	d_2	u	t	b_5	b_7	c_5	e_5	f_5	i	i_5	m	n	n_1	s_5
GST04...	16	32	6	20	M5	5	18	55	105	17	128	80	35	45	24	20	25	9
GST05...	20	40		28	M6	6	22.5	70	125	22	154	99	43	56	32	26	29	11
GST06...	25	50	4	40	M10	8	28	72	160	27	194	115	53	68	37	30	43	13.5
GST07...	30	60	7.5	45			33	80	200	35	245	137	64	84	48	40	57	18
GST09...	40	80	8.5	63	M16	12	43	105	245	43	296	161	84	107	51	45	56	

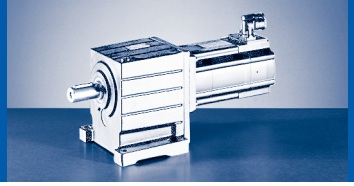
d ≤ 50 mm: k6; d > 50 mm: m6



GST□□-1A VCR ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST04...	k	407	415	483						
GST05...	k	428	436	504	486		548			
GST06...	k	451	459	527	509		571		548	
GST07...	k	480	488	556	538		600		577	
GST09...	k				581		643		620	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GST□□-1A VCR ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST06...	k	637									
GST07...	k	666		646		743		724		820	
GST09...	k	709		689		786		767		863	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408	505			479	575		
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

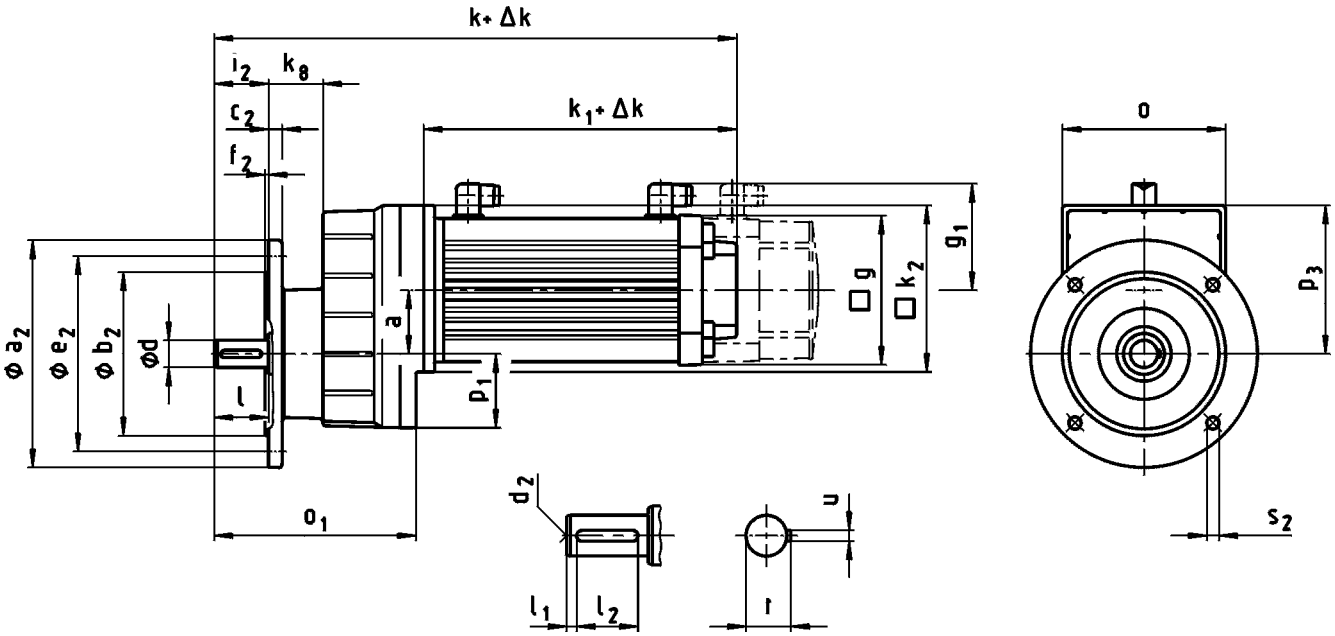
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GST□□-1A VCR

	o	o_1	p	p_1	a	k_8
GST04...	100	134	129	41	36	35
GST05...	115	165	156	51	45	43
GST06...	145	191	194	63	56	48
GST07...	180	223	245	82	70	60
GST09...	222	271	304	101	89	74

	d	l	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
									h7				6x60°
GST04...	16	32	6	20	M5	5	18	72	48	61	8	43	M5x10
GST05...	20	40		28	M6	6	22.5	88	58	74	9	52	M6x12
GST06...	25	50	4	40	M10	8	28	109	70	90	11	64	M8x14
GST07...	30	60	7.5	45			33	140	100	120	13	77	M10x18
GST09...	40	80	8.5	63	M16	12	43	174	120	145	15	100	M12x20

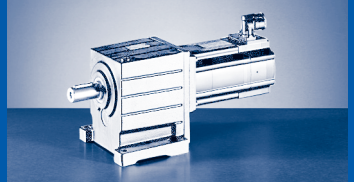
d ≤ 50 mm: k6; d > 50 mm: m6



GST□□-1A VCK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST04...	k	407	415	483						
GST05...	k	428	436	504	486		548			
GST06...	k	451	459	527	509		571		548	
GST07...	k	480	488	556	538		600		577	
GST09...	k				581		643		620	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GST□□-1A VCK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST06...	k	637									
GST07...	k	666		646		743		724		820	
GST09...	k	709		689		786		767		863	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

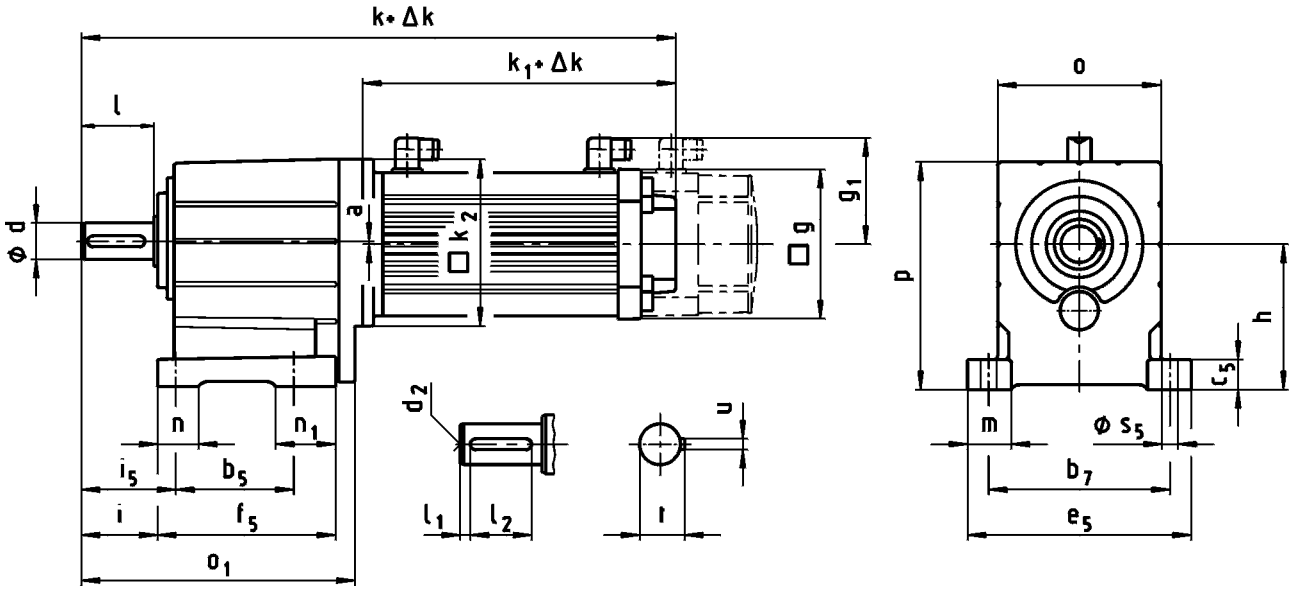
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GST□□-1A VCK

	o	o_1	p_1	p_3	a	k_8
GST04...	100	134	41	88	36	35
GST05...	115	165	51	105	45	43
GST06...	145	191	63	131	56	48
GST07...	180	223	82	164	70	60
GST09...	222	271	101	204	89	74

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					4x90°
GST04...	16	32	6	20	M5	5	18	120	80	10	100	3	32	7
								140	95		115			9
								160	110		130	3.5		
GST05...	20	40		28	M6	6	22.5	120	80		100	3	40	7
								140	95		115			9
								160	110		130	3.5		
								200	130	12	165			11
GST06...	25	50	4	40	M10	8	28	160	110		130		50	9
								200	130		165			11
GST07...	30	60	7.5	45			33			14			60	
								250	180	15	215	4		13.5
GST09...	40	80	8.5	63	M16	12	43			16			80	
								300	230	18	265			

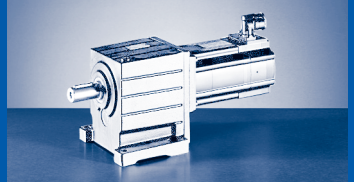
d ≤ 50 mm: k6; d > 50 mm: m6



GST□□-2A VBR ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST04...	k	447	455	523						
GST05...	k	477	485	553	535		597			
GST06...	k	503	511	579	561		623		600	
GST07...	k	559	567	635	617		679		656	
GST09...	k				680		742		719	
GST11...	k				737		799		776	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GST□□-2A VBR ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST06...	k	689									
GST07...	k	745		725		822		803		899	
GST09...	k	808		788		885		866		962	
GST11...	k	865		845		942		923		1019	
GST14...	k			935		1032		1013		1109	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

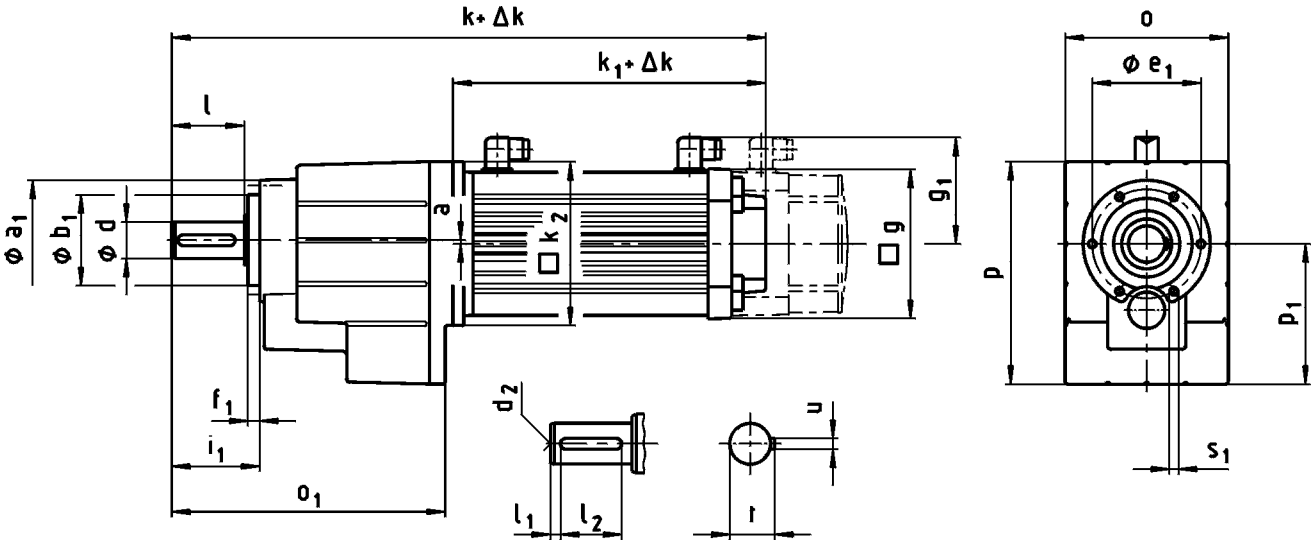
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GST□□-2A VBR

	o	o_1	p	h	a
GST04...	100	174	132	80	0
GST05...	115	214	159	100	1
GST06...	145	243	198	125	2
GST07...	180	302	251	160	3
GST09...	222	370	311	200	4
GST11...	270	433	385	250	
GST14...	328	533	479	315	6

	d	l	l_1	l_2	d_2	u	t	b_5	b_7	c_5	e_5	f_5	i	i_5	m	n	n_1	s_5
GST04...	20	40	5	28	M6	6	22.5	76	105	18	129	112	43	53	25	20	36	9
GST05...	25	50	4	40	M10	8	28	90	125	23	155	139	53	66	33	26	49	11
GST06...	30	60	6	45			33	106	160	28	196	157	64	79	38	35	52	13.5
GST07...	40	80	7	63	M16	12	43	130	200	34	247	196	84	104	49	45	66	18
GST09...	50	100	8	80		14	53.5	165	245	44	298	239	105	127.5	54	48	74	
GST11...	60	120		100	M20	18	64	200	300	54	368	280	125	155	69	65	80	22
GST14...	80	160	15	125		22	85	250	380	65	460	340	165	200	85	85	91	26

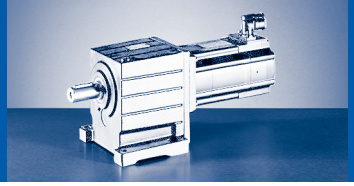
d ≤ 50 mm: k6; d > 50 mm: m6



GST□□-2A VCR ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST04...	k	447	455	523						
GST05...	k	477	485	553	535		597			
GST06...	k	503	511	579	561		623		600	
GST07...	k	559	567	635	617		679		656	
GST09...	k				680		742		719	
GST11...	k				737		799		776	
...RSO B0 1)	Δ k	0								
...RSO P□ 1)	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

1) → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GST□□-2A VCR ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST06...	k	689									
GST07...	k	745		725		822		803		899	
GST09...	k	808		788		885		866		962	
GST11...	k	865		845		942		923		1019	
GST14...	k			935		1032		1013		1109	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

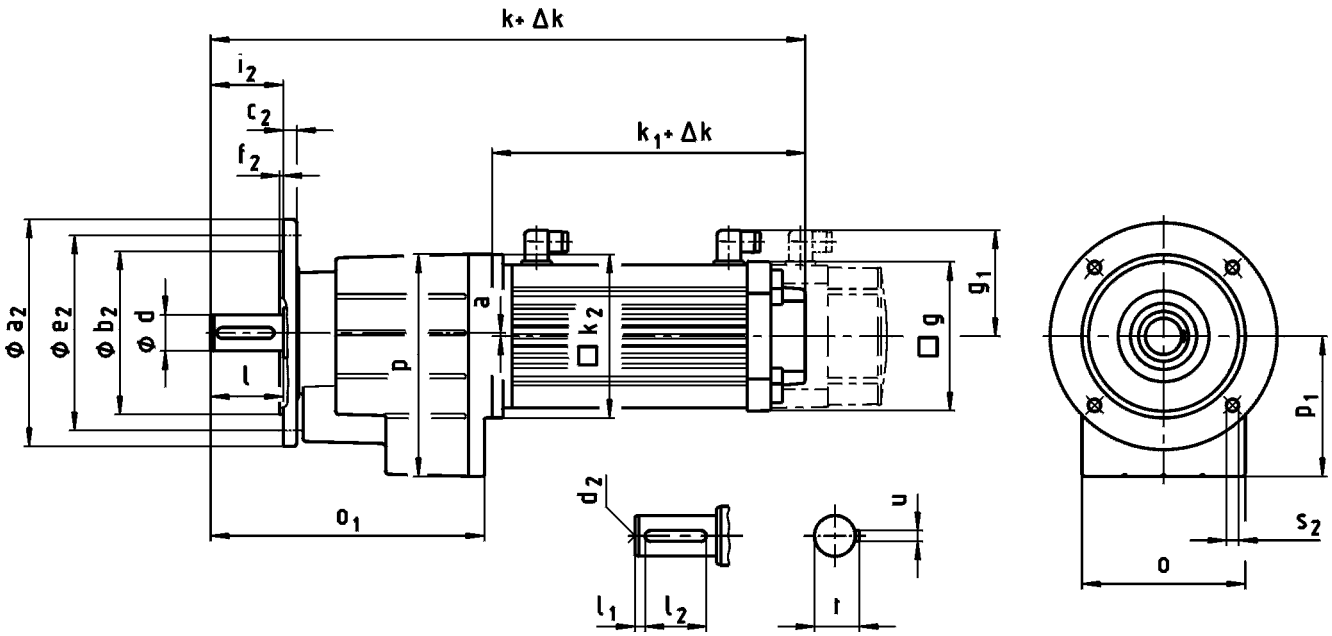
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GST□□-2A VCR

	o	o_1	p	p_1	a
GST04...	100	174	129	77	0
GST05...	115	214	156	98	1
GST06...	145	243	194	121	2
GST07...	180	302	245	155	3
GST09...	222	370	304	194	4
GST11...	270	433	378	243	
GST14...	328	533	470	306	6

	d	l	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
									h7				6x60°
GST04...	20	40	5	28	M6	6	22.5	72	48	61	8	51	M5x10
GST05...	25	50	4	40	M10	8	28	88	58	74	9	62	M6x12
GST06...	30	60	6	45			33	109	70	90	10	74	M8x14
GST07...	40	80	7	63	M16	12	43	140	100	120	13	97	M10x18
GST09...	50	100	8	80		14	53.5	174	120	145	15	120	M12x20
GST11...	60	120		100	M20	18	64	215	150	185	18	143	M16x26
GST14...	80	160	15	125		22	85	265	195	230	22	187	M20x34

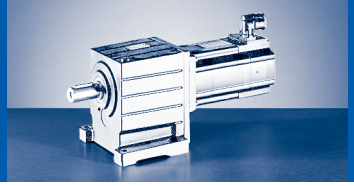
d ≤ 50 mm: k6; d > 50 mm: m6



GST□□-2A VCK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST04...	k	447	455	523						
GST05...	k	477	485	553	535		597			
GST06...	k	503	511	579	561		623		600	
GST07...	k	559	567	635	617		679		656	
GST09...	k				680		742		719	
GST11...	k				737		799		776	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GST□□-2A VCK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST06...	k	689									
GST07...	k	745		725		822		803		899	
GST09...	k	808		788		885		866		962	
GST11...	k	865		845		942		923		1019	
GST14...	k			935		1032		1013		1109	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

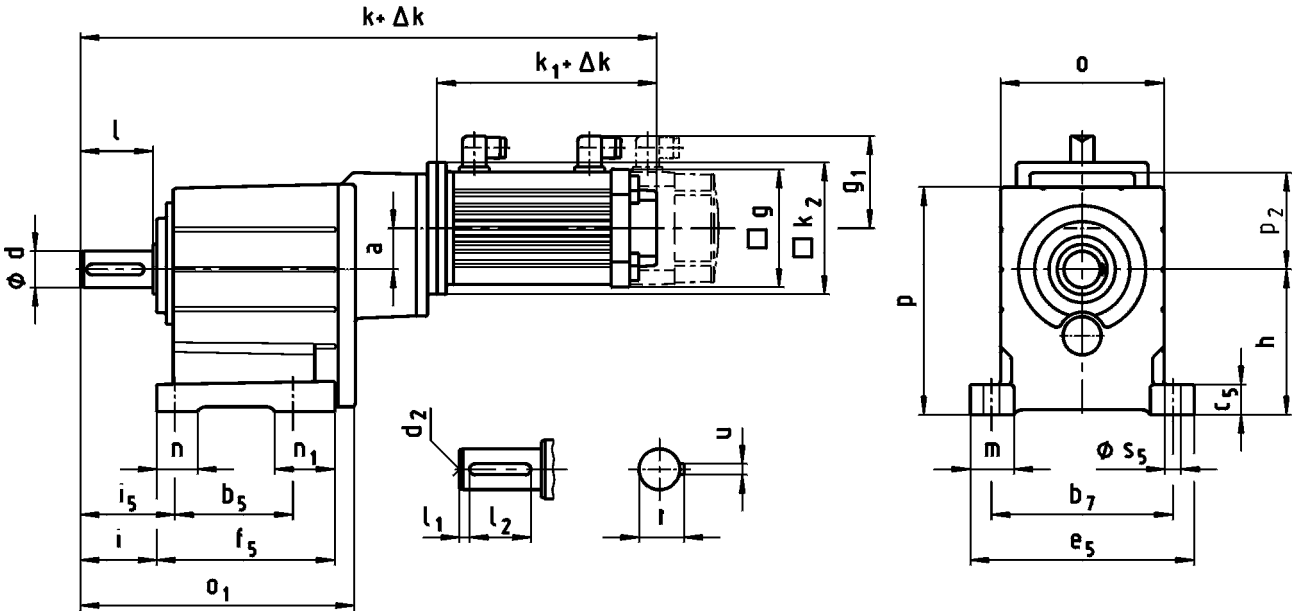
GST□□-2A VCK

	o	o_1	p	p_1	a	d	l	l_1	l_2	d_2	u	t
GST04...	100	174	129	77	0	20	40	5	28	M6	6	22.5
GST05...	115	214	156	98	1	25	50	4	40	M10	8	28
GST06...	145	243	194	121	2	30	60	6	45			33
GST07...	180	302	245	155	3	40	80	7	63	M16	12	43
GST09...	222	370	304	194	4	50	100	8	80		14	53.5
GST11...	270	433	378	243		60	120		100	M20	18	64
GST14...	328	533	470	306	6	80	160	15	125		22	85

	a_2	b_2	c_2	e_2	f_2	i_2	s_2
		j7					4x90°
GST04...	120	80	10	100	3	40	7
	140	95		115			9
	160	110		130	3.5		
GST05...	120	80		100	3	50	7
	140	95		115			9
	160	110		130	3.5		
	200	130	12	165			11
GST06...	160	110		130		60	9
	200	130		165			11

	a_2	b_2	c_2	e_2	f_2	i_2	s_2
		j7					4x90°
GST07...	200	130	14	165	3.5	80	11
	250	180	15	215	4		13.5
GST09...			16			100	
	300	230	18	265			
GST11...						120	14
	350	250	20	300	5		18
GST14...			22			160	
	400	300	24	350			

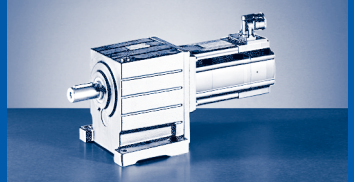
d ≤ 50 mm: k6; d > 50 mm: m6



GST□□-3A VBR ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST05...	k	553	562	630						
GST06...	k	596	605	673						
GST07...	k	663	672	740	722		784			
GST09...	k	744	753	821	803		865		842	
GST11...	k	820	829	897	879		941		918	
GST14...	k				1003		1065		1042	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GST□□-3A VBR ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST09...	k	931									
GST11...	k	1007		986		1083		1065		1161	
GST14...	k	1131		1110		1207		1189		1285	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

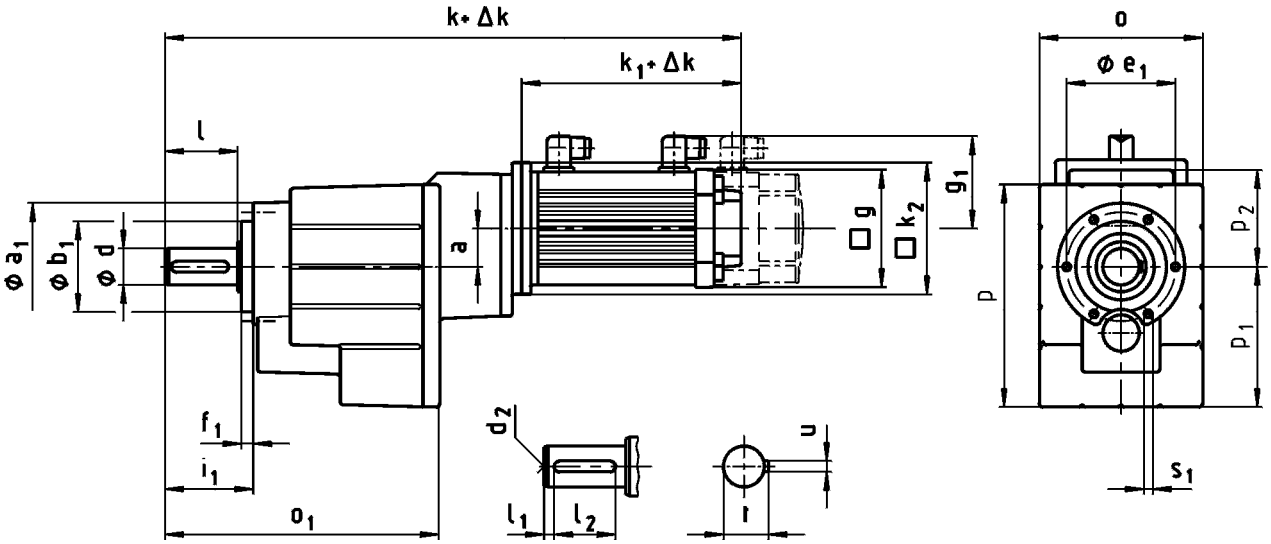
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GST□□-3A VBR

	o	o_1	p	p_2	h	a
GST05...	115	208	159	87	100	35
GST06...	145	240	198		125	34
GST07...	180	302	251	103	160	42
GST09...	222	370	311	129	200	52
GST11...	270	433	385	162	250	66
GST14...	328	533	479	200	315	83

	d	l	l_1	l_2	d_2	u	t	b_5	b_7	c_5	e_5	f_5	i	i_5	m	n	n_1	s_5
GST05...	25	50	4	40	M10	8	28	90	125	23	155	139	53	66	33	26	49	11
GST06...	30	60	6	45			33	106	160	28	196	157	64	79	38	35	52	13.5
GST07...	40	80	7	63	M16	12	43	130	200	34	247	196	84	104	49	45	66	18
GST09...	50	100	8	80		14	53.5	165	245	44	298	239	105	127.5	54	48	74	
GST11...	60	120		100	M20	18	64	200	300	54	368	280	125	155	69	65	80	22
GST14...	80	160	15	125		22	85	250	380	65	460	340	165	200	85	85	91	26

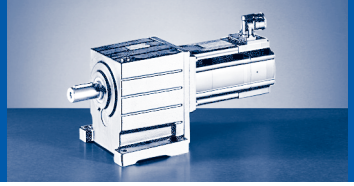
d ≤ 50 mm: k6; d > 50 mm: m6



GST□□-3A VCR ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST05...	k	553	562	630						
GST06...	k	596	605	673						
GST07...	k	663	672	740	722		784			
GST09...	k	744	753	821	803		865		842	
GST11...	k	820	829	897	879		941		918	
GST14...	k				1003		1065		1042	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GST□□-3A VCR ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST09...	k	931									
GST11...	k	1007		986		1083		1065		1161	
GST14...	k	1131		1110		1207		1189		1285	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

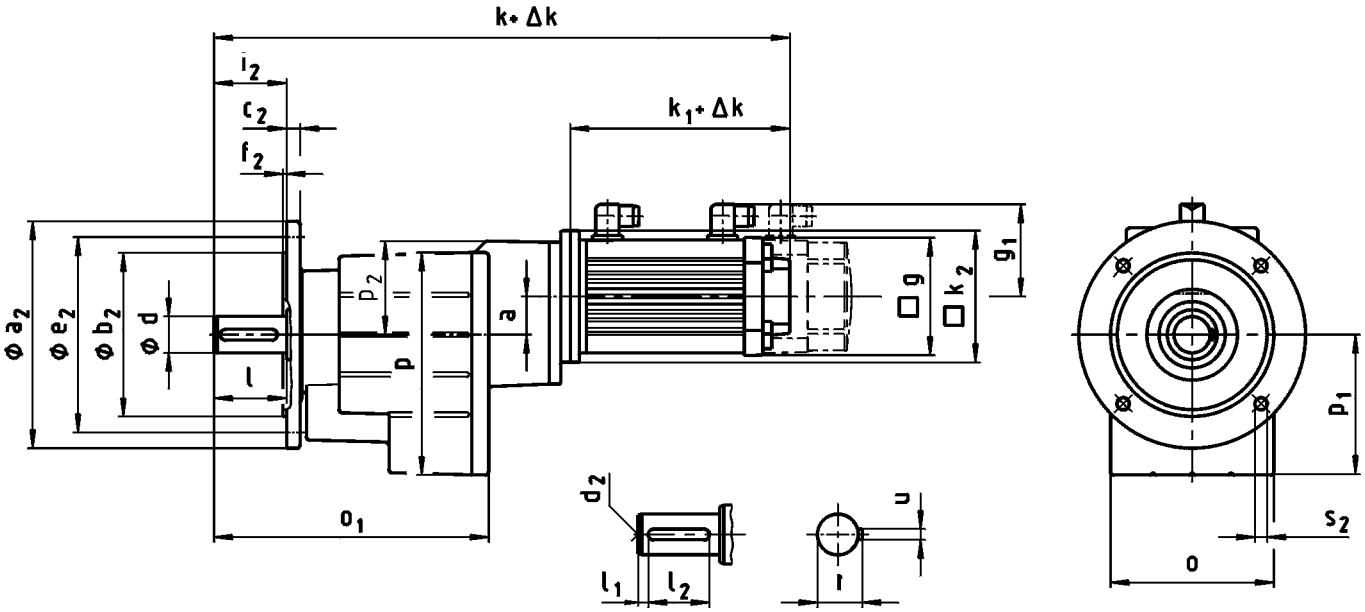
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GST□□-3A VCR

	o	o_1	p	p_1	p_2	a
GST05...	115	208	156	98	87	35
GST06...	145	240	194	121		34
GST07...	180	302	245	155	103	42
GST09...	222	370	304	194	129	52
GST11...	270	433	378	243	162	66
GST14...	328	533	470	306	200	83

	d	l	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
									h7				6x60°
GST05...	25	50	4	40	M10	8	28	88	58	74	9	62	M6x12
GST06...	30	60	6	45			33	109	70	90	10	74	M8x14
GST07...	40	80	7	63	M16	12	43	140	100	120	13	97	M10x18
GST09...	50	100	8	80		14	53.5	174	120	145	15	120	M12x20
GST11...	60	120		100	M20	18	64	215	150	185	18	143	M16x26
GST14...	80	160	15	125		22	85	265	195	230	22	187	M20x34

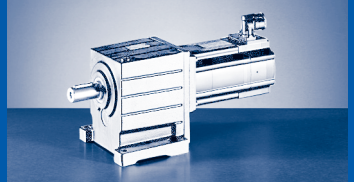
d ≤ 50 mm: k6; d > 50 mm: m6



GST□□-3A VCK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GST05...	k	553	562	630						
GST06...	k	596	605	673						
GST07...	k	663	672	740	722		784			
GST09...	k	744	753	821	803		865		842	
GST11...	k	820	829	897	879		941		918	
GST14...	k				1003		1065		1042	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GST□□-3A VCK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GST09...	k	931									
GST11...	k	1007		986		1083		1065		1161	
GST14...	k	1131		1110		1207		1189		1285	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

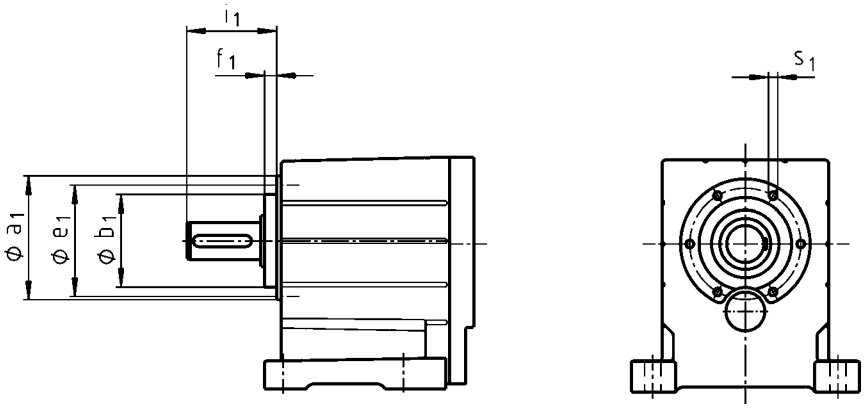
GST□□-3A VCK

	o	o_1	p	p_1	p_2	a
GST05...	115	208	156	98	87	35
GST06...	145	240	194	121		34
GST07...	180	302	245	155	103	42
GST09...	222	370	304	194	129	52
GST11...	270	433	378	243	162	66
GST14...	328	533	470	306	200	83

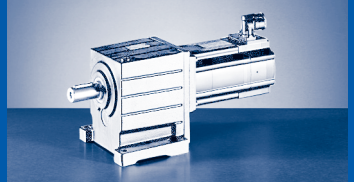
	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					4x90°
GST05...	25	50	4	40	M10	8	28	120	80	10	100	3	50	7
								140	95		115			9
								160	110		130	3.5		
								200	130	12	165			11
GST06...	30	60	6	45			33	160	110		130		60	9
								200	130		165			11
GST07...	40	80	7	63	M16	12	43			14			80	
								250	180	15	215	4		13.5
GST09...	50	100	8	80		14	53.5			16			100	
								300	230	18	265			
GST11...	60	120		100	M20	18	64						120	14
								350	250	20	300	5		18
GST14...	80	160	15	125		22	85			22			160	
								400	300	24	350			

d ≤ 50 mm: k6; d > 50 mm: m6

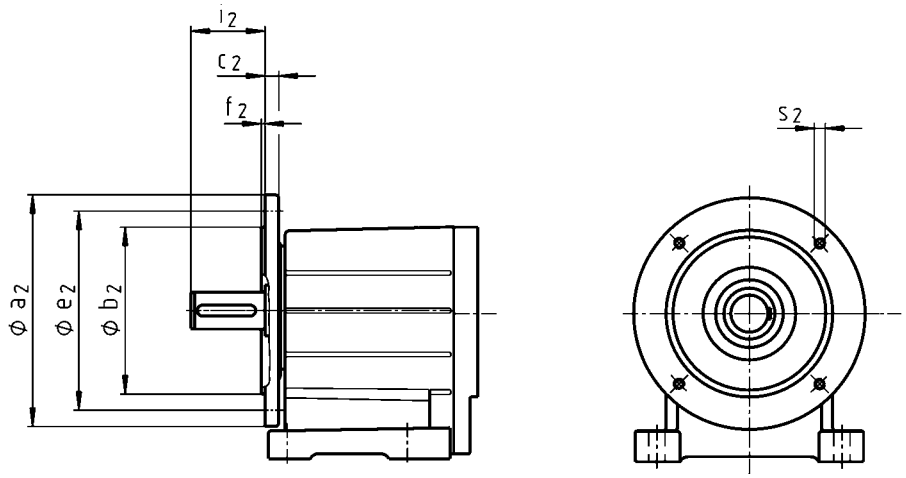
GST□□-2A/S VAR
GST□□-3A/S VAR



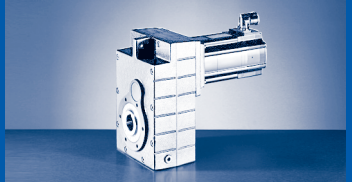
	a_1	b_1	e_1	f_1	i_1	s_1
		h7				6x60°
GST04...	72	48	61	8	51	M5x10
GST05...	88	58	74	9	62	M6x12
GST06...	109	70	90	10	74	M8x14
GST07...	140	100	120	13	97	M10x18
GST09...	174	120	145	15	120	M12x20
GST11...	215	150	185	18	143	M16x26
GST14...	265	195	230	22	187	M20x34



GST□□-2A/S VAL
GST□□-3A/S VAL



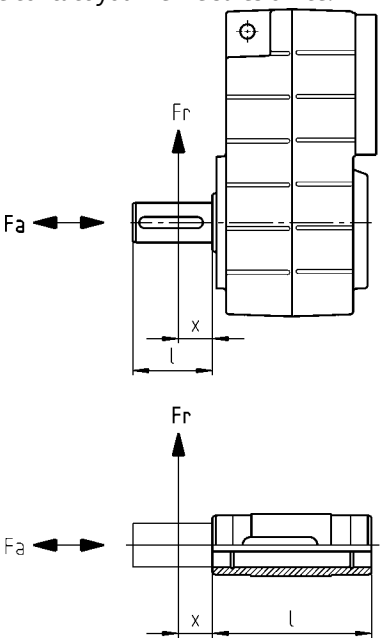
	a_2	b_2	c_2	e_2	f_2	i_2	s_2
		j7					4x90°
GST04...	120	80	10	100	3	40	M6
	140	95		115			M8
GST05...	120	80		100		50	M6
	140	95		115			M8
	160	110		130	3.5		
GST06...			12			60	
	200	130		165			M10
GST07...			14			80	
	250	180	15	215	4		M12
GST09...			16			100	
	300	230	18	265			
GST11...						120	
	350	250	20	300	5		M16
GST14...			22			160	
	400	300	24	350			



Permissible radial force

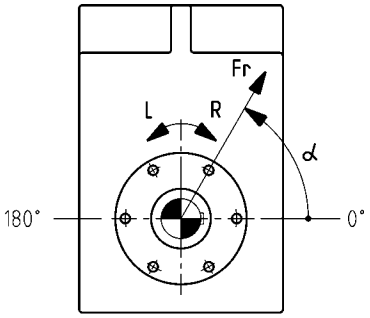
$Fr_{zul} = \min (f_w \times f_\alpha \times Fr_{Tab} ; f_w \times Fr_{max})$

At Fr **and** Fa ≠ 0 please contact your Lenze sales office.

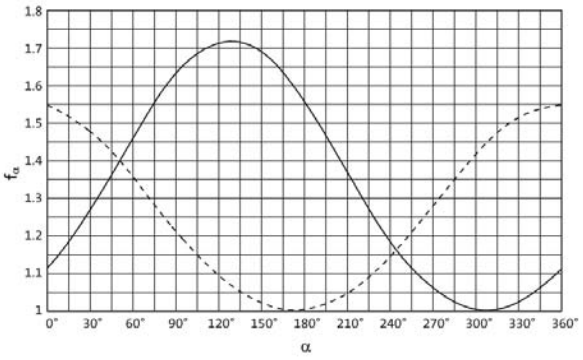


Permissible axial force

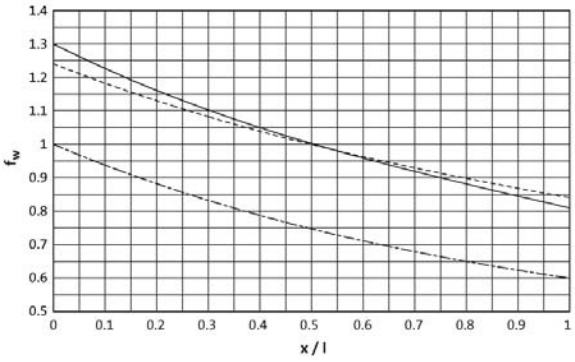
$Fa_{zul} = Fa_{Tab}$ at Fr = 0



Effective direction factor f_α at output shaft



Additional load factor f_w at output shaft



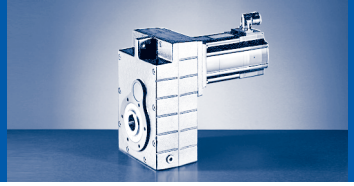
——— Direction of rotation R
— — — Direction of rotation L

——— Solid shaft (V□R)
— — — Solid shaft with flange (V□K)
— · — Hollow shaft (H□□)

	Solid shaft without flange (V□R) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0													
	GFL04-2		GFL05-2/3		GFL06-2/3		GFL07-2/3		GFL09-2/3 [1]		GFL11-2/3 [1]		GFL14-2/3	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
1000	1650	1300	1400	1600	1850	2400	1650	2000	-	-	-	-	-	-
630	2100	1700	1900	2200	2500	3200	2600	2700	-	-	-	-	-	-
400	2300	2200	2400	2800	3200	4000	3200	3400	3800	3100	5500	4700	47000	25000
250	2700	2600	2700	3600	3600	5200	3600	4700	4400	4200	6300	6000	54000	27000
160	3200	3200	3200	4200	3900	6000	3900	6000	5500	5800	7300	7500	62000	29000
100	3600	4200	4000	5900	5100	8500	5100	8500	8000	10000	11200	14000	65000	32000
63	3600	5300	4800	6600	6500	10000	6500	12000	10000	13500	14500	19000	65000	35000
40	3600	5500	5800	6600	8400	10000	8400	14000	12000	17000	17400	25000	65000	35000
25	3600	5500	6200	6600	9000	10000	9000	14000	18000	21000	20500	27000	65000	35000
≤ 16	3600	5500	6200	6600	9000	10000	9000	14000	18000	21000	23000	27000	65000	35000
Fr_{max}	3600	-	7000	-	11000	-	11000	-	22000	-	28000	-	65000	-

[1] Reinforced output shaft bearings are available on request for V□R versions.

	Solid shaft with flange (V□K) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0													
	GFL04-2		GFL05-2/3		GFL06-2/3		GFL07-2/3		GFL09-2/3		GFL11-2/3		GFL14-2/3	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
1000	2300	1300	2900	1800	4000	2500	4000	3600	-	-	-	-	-	-
630	2800	1700	3700	2400	5000	3400	5200	4800	-	-	-	-	-	-
400	3200	2200	4300	3100	6100	4300	6400	6100	7800	6100	12500	6800	18000	6000
250	3700	2600	5100	3900	7000	5500	7400	6500	9000	6500	14500	8500	20000	8000
160	4400	3200	5900	4800	7800	6500	8900	7000	10500	7000	17000	10500	23000	10000
100	4600	4200	6800	6400	9600	8500	10500	9500	14000	9500	21500	17000	27500	13000
63	4600	4400	7000	6600	10000	10000	12000	11500	15000	11500	26000	22000	32000	19000
40	4600	4400	7000	6600	10000	10000	13000	11500	15000	11500	30000	27000	38000	26000
25	4600	4400	7000	6600	10000	10000	14000	11500	15000	11500	30000	27000	43000	35000
≤ 16	4600	4400	7000	6600	10000	10000	14000	11500	15000	11500	30000	27000	43000	35000
Fr_{max}	4600	-	7400	-	11000	-	16000	-	16000	-	32000	-	46000	-

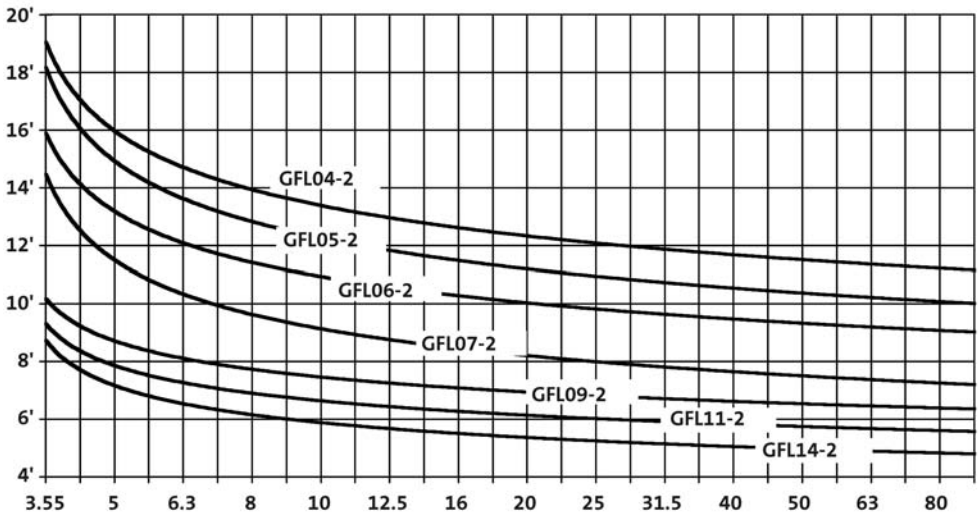


	Hollow shaft (H□□) Application of force Fr: on hollow shaft end face (x = 0) Fa_{Tab} only valid for Fr = 0													
	GFL04-2		GFL05-2/3		GFL06-2/3		GFL07-2/3		GFL09-2/3		GFL11-2/3		GFL14-2/3	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
1000	2100	1300	1800	1600	2400	2400	2200	2000	-	-	-	-	-	-
630	2700	1700	2400	2200	3300	3200	3400	2700	-	-	-	-	-	-
400	2800	2200	3000	2800	4300	4000	4500	3400	5000	3100	7300	4700	8000	4000
250	3200	2600	3400	3600	4700	5200	5100	4700	6000	4200	8700	6000	9000	5000
160	3800	3200	4100	4200	5000	6000	6400	6000	7200	5800	10000	7500	9500	6200
100	4600	4200	5000	5900	6600	8500	7900	8500	10500	10000	14200	14000	11500	7500
63	5500	5300	6000	6600	8500	10000	9300	12000	13000	13500	19000	19000	14000	11000
40	6300	5500	7100	6600	10800	10000	11500	14000	15000	17000	23000	25000	18000	17500
25	7000	5500	8000	6600	12000	10000	15000	14000	22000	21000	27000	27000	30000	31000
≤ 16	7000	5500	8000	6600	12000	10000	16000	14000	24000	21000	30000	27000	45000	35000
Fr_{max}	7000	-	10000	-	15000	-	20000	-	30000	-	38000	-	56000	-

► Neither radial nor axial forces are permissible for the hollow shaft with shrink disc (S□□).

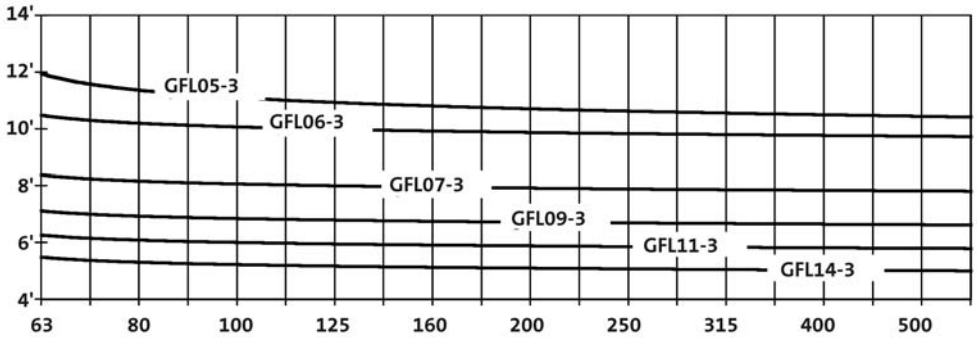
Output backlash in angular minutes

GFL04...14-2

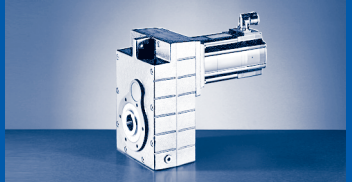


Ratio

GFL05...14-3

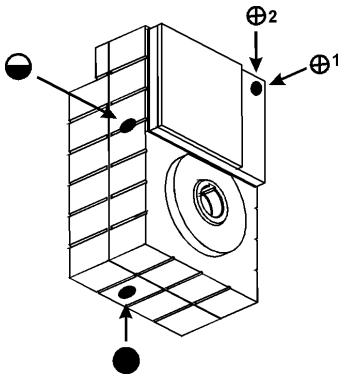
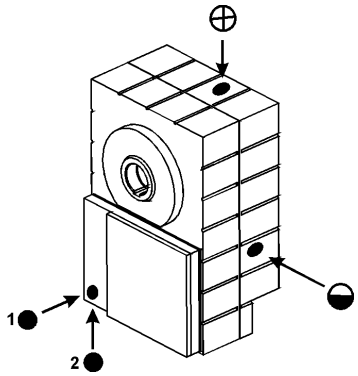
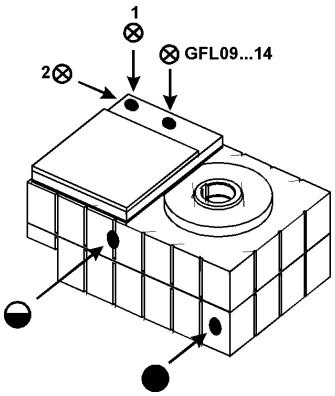


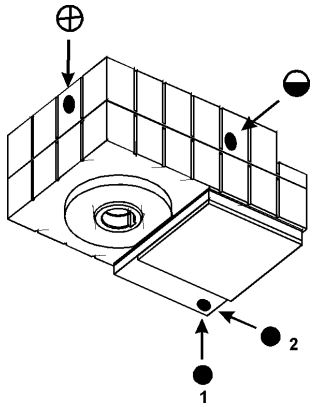
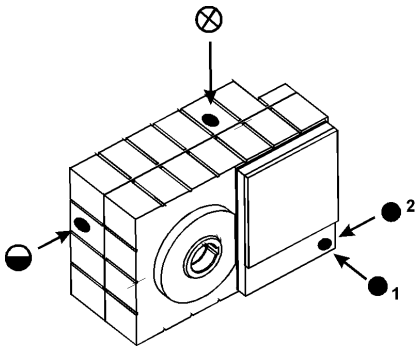
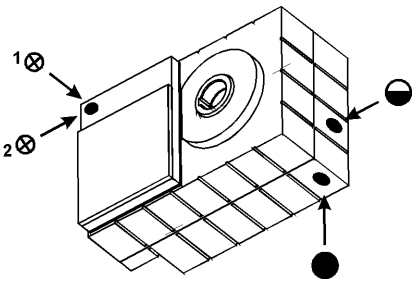
Ratio



Position of ventilation, sealing elements and oil control

GFL05...14-2

Mounting position		
A	B	C
		

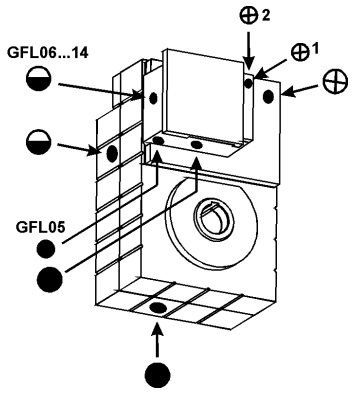
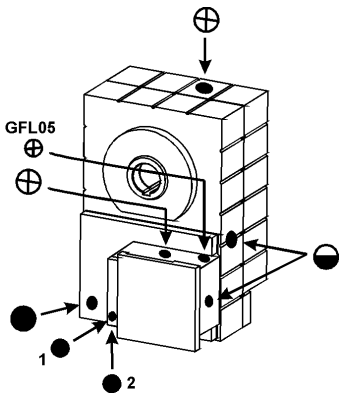
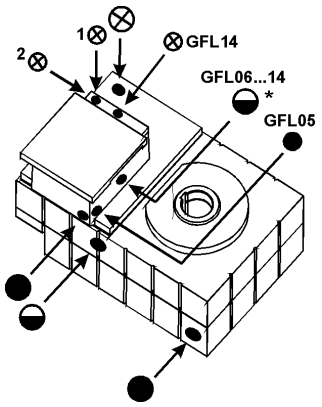
Mounting position		
D	E	F
		

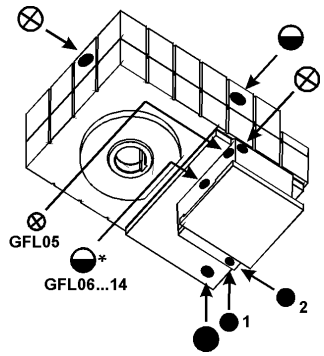
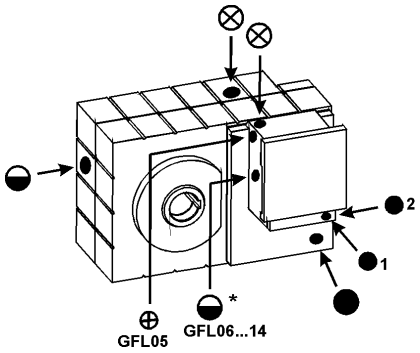
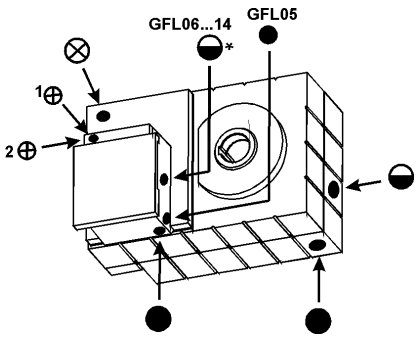
⊗ Ventilation/oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** Opposite

Pos.1 standard
Pos.2 only on GFL05-2A □□□ 14LC□□

Position of ventilation, sealing elements and oil control

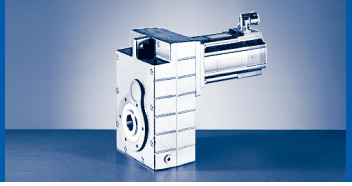
GFL05...14-3

Mounting position		
A	B	C
		

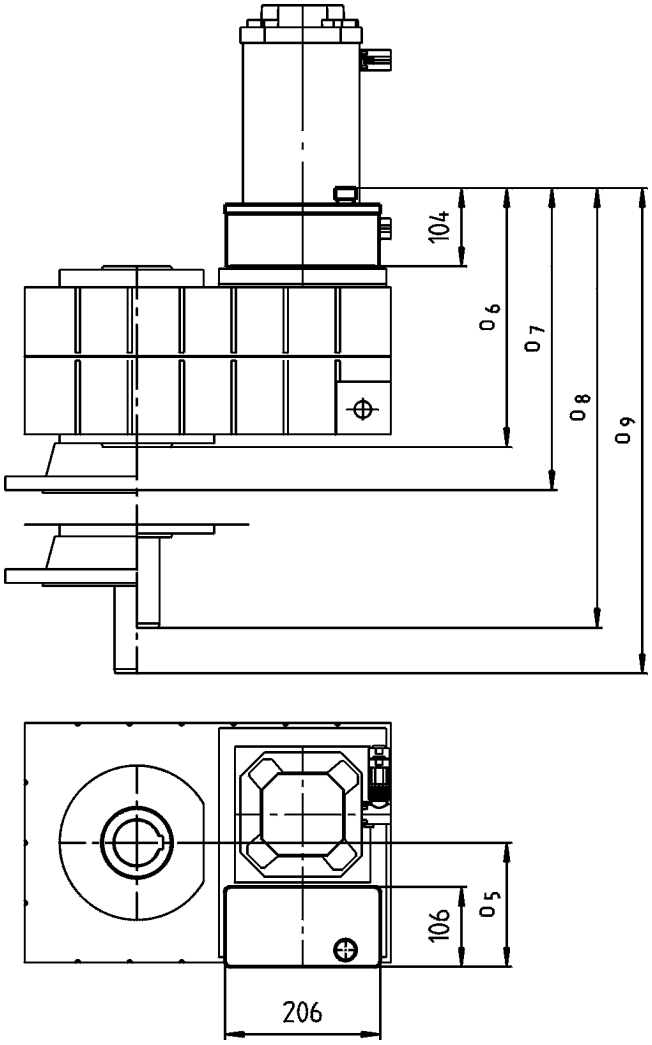
Mounting position		
D	E	F
		

⊗ Ventilation/oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** Opposite

Pos.1 standard
Pos.2 only on GFL07-3A □□□ 14LC□□



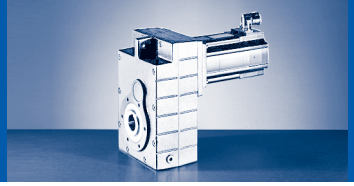
Compensation reservoir for mounting position C



GFL□□-2A...		14LC□□ [1]	17NC□□ [1]	19SC□□ [1]	21XC□□ [1]
GFL09...	o_5	165		187	204
	o_6	344			
	o_7	405			
	o_8	464			
	o_9	525			
GFL11...	o_5	154		176	200
	o_6	387		391	
	o_7	448		452	
	o_8	547		551	
	o_9	608		612	
GFL14...	o_5			181	211
	o_6			446	
	o_7			507	
	o_8			646	
	o_9			707	

GFL□□-2S...		12□C□□	14□C□□	19□C□□
GFL09...	o_5	165		204
	o_6	344		
	o_7	405		
	o_8	464		
	o_9	525		
GFL11...	o_5	154		200
	o_6	387		391
	o_7	448		452
	o_8	547		551
	o_9	608		612
GFL14...	o_5			211
	o_6			446
	o_7			507
	o_8			646
	o_9			707

[1] Connector/terminal box position 3 is not permitted.



GFL [kg]

GFL□□-2S HCR/HDR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL04...	9		10	12	13	14	16							
GFL05...	21		22	24		25	27			30			33	
GFL06...	35	36	37	38	39	40	42	41		44			47	
GFL07...				64	65	66	68	67		70			73	
GFL09...								115		118			121	

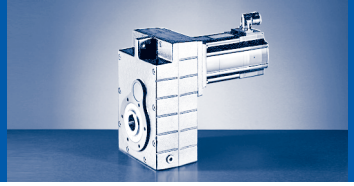
	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL06...	46		51		56		60							
GFL07...	73		77		82		87		89		96		106	
GFL09...	120		125		129		134		136		143		153	
GFL11...	206		210		215		220		221		228		238	
GFL14...									363		370		380	

GFL□□-3S HCR/HDR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL05...	23		24	26	27	28	30							
GFL06...	40		41	43	44	45	47							
GFL07...	69		70	71	72	73		75		78			81	
GFL09...	121		122	123	124	125	127	126		129			133	
GFL11...				217	218	219	221	220		223			226	
GFL14...								377		380			383	

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL07...														
GFL09...	131		136		141		146							
GFL11...	225		230		235		239		242		249		259	
GFL14...	382		387		392		397		399		406		416	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



GFL□□-2A HCR/HDR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL04...	13	17	19						
GFL05...	26	30	32	36		38			
GFL06...	40	44	46	50		52		58	
GFL07...	66	70	72	76		78		84	
GFL09...				122		124		130	
GFL11...				208		209		215	
GFL14...									

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL06...	61									
GFL07...	86		107		110		124		127	
GFL09...	133		153		156		171		174	
GFL11...	218		238		241		254		258	
GFL14...			380		384		395		398	

GFL□□-3A HCR/HDR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL05...	27	31	33						
GFL06...	44	48	50						
GFL07...	74	78	80	84		86			
GFL09...	125	129	131	135		137		143	
GFL11...	219	223	224	228		230		236	
GFL14...				385		387		393	

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL09...	146									
GFL11...	239		260		263		277		280	
GFL14...	395		415		419		433		437	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values

Additional weights MCS servo motors

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
...P1	0.3			0.8				0.9						
...P2				0.5				1.2						
...SCS/SCM/SRM/SRS ...ECN/EQN	0.4			0.2				0.3						

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
...P1	1.9								1.5					
...P2	3.1										4.3			
...SCS/SCM/SRM/SRS ...ECN/EQN	0.3													

Additional weights MCA servo motors

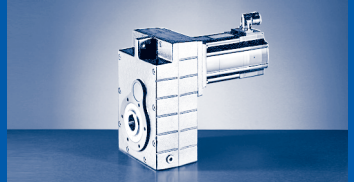
	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
...P1/P5								2.4	
...P2/P6	0.8	1.4		1.5					
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.3	0.5		0.6				0.7	

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
...P1/P5	2.4		4.8				5.0			
...P2/P6										
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.7		1.0				1.1			

Additional weights gearbox

	Solid shaft	2nd output shaft end	Hollow shaft with shrink disc	Flange	Foot
	V□□	V□□	S□□	□□K	□A□/□B□
GFL04...	0.6	0.2	0.6	2.5	1
GFL05...	1	0.3	0.8	4	1.5
GFL06...	2.5	0.8	1	7	2.5
GFL07...	5	1.5	1.5	11	4
GFL09...	8	2.7	3	16	7
GFL11...	16	6.3	5	24	14
GFL14...	33	12	11	33	23

Weights in [kg]

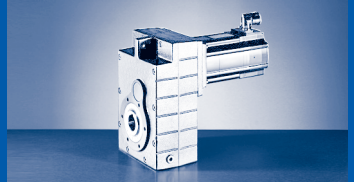


► $i_g = z_g / z_t$

	i	z_g	z_t
GFL04-2	3.659	2415	660
	5.018	2760	550
	5.833	2625	450
	6.422	2967	462
	7.025	3864	550
	8.379	2765	330
	9.333	2800	300
	10.238	3225	315
	11.491	3160	275
	12.800	3200	250
	14.706	3397	231
	16.087	4424	275
	17.920	4480	250
	20.519	4740	231
	22.857	4800	210
	25.136	4977	198
	28.000	5040	180
	31.600	5214	165
	35.200	5280	150
	40.697	5372	132
	45.333	5440	120
	51.579	6241	121
	57.455	6320	110
	64.636	6399	99
	72.000	6480	90
	85.156	6557	77
	94.857	6640	70
GFL05-2	3.333	2100	630
	4.571	2400	525
	5.133	2310	450
	5.667	2380	420
	6.400	3360	525
	7.040	2640	375
	7.771	2720	350
	9.010	2838	315
	9.946	2924	294
	11.360	2840	250
	12.800	2880	225
	14.538	3053	210
	15.904	3976	250
	17.920	4032	225
	20.286	4260	210
	22.857	4320	189
	24.850	4473	180
	28.000	4536	162

► $i_g = z_g / z_t$

	i	z_g	z_t
GFL05-2	32.344	5822	180
	36.444	5904	162
	40.233	4828	120
	45.333	4896	108
	52.067	6248	120
	58.667	6336	108
	63.190	6319	100
	71.200	6408	90
	80.763	6461	80
	91.000	6552	72
GFL05-3	61.653	258944	4200
	78.639	277440	3528
	90.123	270368	3000
	101.547	274176	2700
	114.952	289680	2520
	129.524	293760	2268
	140.817	304164	2160
	158.667	308448	1944
	177.027	318648	1800
	199.467	323136	1620
	227.989	328304	1440
	256.889	332928	1296
	288.948	381412	1320
	325.576	386784	1188
	362.100	391068	1080
	408.000	396576	972
	477.052	400724	840
	537.524	406368	756
GFL06-2	3.675	2205	600
	5.211	2345	450
	5.750	2415	420
	6.450	2709	
	7.147	2680	375
	8.400	2520	300
	9.463	2555	270
	10.092	2967	294
	11.520	2880	250
	12.978	2920	225
	14.743	3096	210
	16.128	4032	250
	18.169	4088	225
	20.571	4320	210
	23.175	4380	189
	25.200	4536	180
	28.389	4599	162

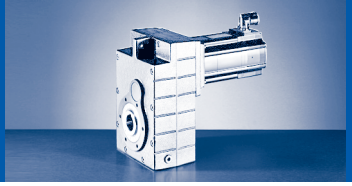


► $i_g = z_g / z_t$

	i	z_g	z_t
GFL06-2	32.800	5904	180
	36.951	5986	162
	40.800	4896	120
	45.963	4964	108
	52.800	6336	120
	59.481	6424	108
	64.080	6408	100
	72.189	6497	90
	81.000	6480	80
	91.250	6570	72
GFL06-3	66.213	262800	3969
	72.000	272160	3780
	81.111	275940	3402
	88.200	285768	3240
	99.361	289737	2916
	116.571	293760	2520
	131.323	297840	2268
	144.320	389664	2700
	162.583	395076	2430
	179.520	323136	1800
	202.237	327624	1620
	231.200	332928	1440
	260.457	337552	1296
	293.018	386784	1320
	299.200	430848	1440
	367.200	396576	1080
	413.667	402084	972
	475.200	513216	1080
	535.333	520344	972
	576.720	519048	900
	649.700	526257	810
	759.806	531864	700
	855.954	539251	630
GFL07-2	3.350	2040	609
	4.643	2340	504
	5.159	2244	435
	5.695	2312	406
	6.400	3360	525
	7.150	2574	360
	8.324	2414	290
	9.379	2448	261
	9.714	2856	294
	11.538	2769	240
	13.000	2808	216
	14.200	2982	210

► $i_g = z_g / z_t$

	i	z_g	z_t
GFL07-2	15.904	3976	250
	17.920	4032	225
	20.286	4260	210
	22.857	4320	189
	24.850	4473	180
	28.000	4536	162
	32.344	5822	180
	36.444	5904	162
	39.642	4757	120
	44.667	4824	108
	52.067	6248	120
	58.667	6336	108
	63.190	6319	100
	71.200	6408	90
	79.875	6390	80
	90.000	6480	72
GFL07-3	65.306	259200	3969
	72.452	326032	4500
	81.636	330624	4050
	92.413	349320	3780
	104.127	354240	3402
	113.206	366786	3240
	127.556	371952	2916
	147.347	477404	3240
	166.025	484128	2916
	183.285	395896	2160
	206.519	401472	1944
	224.636	323476	1440
	253.111	328032	1296
	290.706	418616	1440
	327.556	424512	1296
	352.811	423373	1200
	397.533	429336	1080
	430.222	557568	1296
	522.133	563904	1080
	562.391	562391	1000
	633.680	570312	900
	718.786	575029	800
	809.900	583128	720
GFL09-2	6.864	2574	375
	7.466	2613	350
	9.010	2838	315
	9.799	2881	294
	11.167	3752	336
	12.307	2769	225

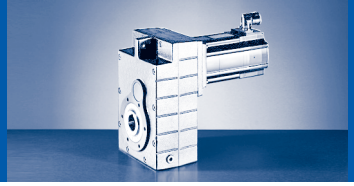


► $i_g = z_g / z_t$

	i	z_g	z_t
GFL09-2	14.333	3010	210
	16.333	3920	240
	18.407	3976	216
	19.667	4130	210
	22.164	4189	189
	24.111	4340	180
	27.173	4402	162
	32.667	5880	180
	36.815	5964	162
	39.667	4760	120
	44.704	4828	108
	51.333	6160	120
	57.852	6248	108
	62.300	6230	100
	70.211	6319	90
	78.750	6300	80
	88.750	6390	72
GFL09-3	63.326	251340	3969
	73.173	329280	4500
	82.465	333984	4050
	93.333	352800	3780
	105.185	357840	3402
	114.333	370440	3240
	128.852	375732	2916
	148.815	482160	3240
	167.712	489048	2916
	185.111	399840	2160
	208.617	405552	1944
	224.778	323680	1440
	253.321	328304	1296
	290.889	418880	1440
	327.827	424864	1296
	353.033	423640	1200
	397.863	429692	1080
	424.247	549824	1296
	514.881	556072	1080
	554.470	554470	1000
	624.879	562391	900
	700.875	560700	800
	789.875	568710	720
GFL11-2	6.864	2574	375
	7.466	2613	350
	9.010	2838	315
	9.799	2881	294
	10.720	3752	350

► $i_g = z_g / z_t$

	i	z_g	z_t
GFL11-2	12.480	2808	225
	14.538	3053	210
	15.904	3976	250
	17.920	4032	225
	20.286	4260	210
	22.857	4320	189
	24.850	4473	180
	28.000	4536	162
	32.739	5893	180
	36.889	5976	162
	40.233	4828	120
	45.333	4896	108
	52.067	6248	120
	58.667	6336	108
	63.190	6319	100
	71.200	6408	90
	79.875	6390	80
	90.000	6480	72
GFL11-3	65.306	259200	3969
	73.335	330008	4500
	82.631	334656	4050
	93.540	353580	3780
	105.397	358560	3402
	114.586	371259	3240
	129.111	376488	2916
	149.144	483226	3240
	168.049	490032	2916
	182.792	394831	2160
	205.963	400392	1944
	224.636	323476	1440
	253.111	328032	1296
	267.259	519552	1944
	327.556	424512	1296
	358.077	429692	1200
	403.467	435744	1080
	430.222	557568	1296
	522.133	563904	1080
	562.391	562391	1000
	633.680	570312	900
	710.888	568710	800
	801.000	576720	720
GFL14-2	7.150	2574	360
	7.777	2613	336
	8.800	2772	315
	9.571	2814	294



► $i_g = z_g / z_t$

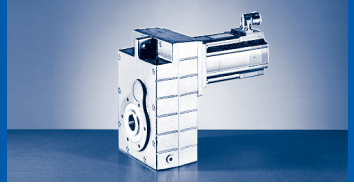
	i	z_g	z_t
GFL14-2	11.538	2769	240
	13.000	2808	216
	14.200	2982	210
	15.620	3905	250
	17.600	3960	225
	19.948	4189	210
	22.476	4248	189
	24.456	4402	180
	27.556	4464	162
	32.344	5822	180
	36.444	5904	162
	39.642	4757	120
	44.667	4824	108
	52.067	6248	120
	58.667	6336	108
	63.190	6319	100
	71.200	6408	90
	79.875	6390	80
	90.000	6480	72
GFL14-3	64.296	249984	3888
	68.708	259718	3780
	77.418	263376	3402
	85.037	330624	3888
	104.889	356832	3402
	114.126	369768	3240
	128.593	374976	2916
	136.889	354816	2592
	156.148	303552	1944
	170.074	495936	2916
	202.074	392832	1944
	224.636	323476	1440
	253.111	328032	1296
	273.778	532224	1944
	332.444	430848	1296
	352.811	423373	1200
	397.533	429336	1080
	430.222	557568	1296
	522.133	563904	1080
	562.391	562391	1000
	633.680	570312	900
	710.888	568710	800
	801.000	576720	720

$M_{2\,GN} \leq 187$ Nm

GFL04-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
3.659	100	1.51	M_2						13	15
			c						5.4	4.5
			$n_{2\,Eck}$						1107	1107
			$n_{2\,th}$						998	968
5.018	111	0.86	M_2					14	18	21
			c					5.4	4.3	3.7
			$n_{2\,Eck}$					747	807	807
			$n_{2\,th}$					747	775	754
5.833	153	0.93	M_2						21	25
			c						5.1	4.3
			$n_{2\,Eck}$						694	694
			$n_{2\,th}$						621	603
6.422	113	0.56	M_2				14	19	23	27
			c				5.6	4.3	3.4	2.9
			$n_{2\,Eck}$				631	584	631	631
			$n_{2\,th}$				631	584	631	631
7.025	113	0.47	M_2				15	20	25	30
			c				5.2	3.9	3.1	2.6
			$n_{2\,Eck}$				577	534	577	577
			$n_{2\,th}$				576	534	576	576
8.379	179	0.67	M_2					24	30	36
			c					5.2	4.2	3.5
			$n_{2\,Eck}$					448	483	483
			$n_{2\,th}$					434	416	404
9.333	165	0.61	M_2				20	27	34	40
			c				5.7	4.3	3.4	2.9
			$n_{2\,Eck}$				434	402	434	434
			$n_{2\,th}$				395	377	361	349
10.238	159	0.37	M_2				22	30	37	44
			c				5.0	3.8	3.0	2.6
			$n_{2\,Eck}$				396	366	396	396
			$n_{2\,th}$				396	366	396	396
11.491	181	0.41	M_2				25	34	41	49
			c				5.1	3.9	3.1	2.6
			$n_{2\,Eck}$				353	326	353	353
			$n_{2\,th}$				347	326	319	310
12.800	166	0.38	M_2				28	38	46	55
			c				4.2	3.2	2.5	2.1
			$n_{2\,Eck}$				316	293	316	316
			$n_{2\,th}$				302	289	277	269
14.706	182	0.28	M_2				32	43	53	64
			c				4.0	3.0	2.4	2.0
			$n_{2\,Eck}$				275	255	275	275
			$n_{2\,th}$				275	255	275	274
16.087	182	0.25	M_2			22	35	48	59	70
			c			5.6	3.6	2.8	2.2	1.9
			$n_{2\,Eck}$			252	252	233	252	252
			$n_{2\,th}$			252	252	233	252	252
17.920	167	0.23	M_2		20	25	39	53	66	78
			c		5.8	4.6	3.0	2.3	1.8	1.5
			$n_{2\,Eck}$		226	226	226	209	226	226
			$n_{2\,th}$		226	226	226	209	223	205

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 187$ Nm

GFL04-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
20.519	183	0.17	M_2		23	29	45	61	75	89
			c		5.5	4.4	2.9	2.2	1.7	1.5
			$n_{2\,Eck}$		197	197	197	183	197	197
			$n_{2\,th}$		197	197	197	183	197	197
22.857	167	0.16	M_2		26	32	50	68	84	100
			c		4.5	3.6	2.4	1.8	1.4	1.2
			$n_{2\,Eck}$		177	177	177	164	177	177
			$n_{2\,th}$		177	177	177	164	177	167
25.136	183	0.13	M_2		28	35	55	75	92	109
			c		5.1	4.1	2.7	2.0	1.6	1.4
			$n_{2\,Eck}$		161	161	161	149	161	161
			$n_{2\,th}$		161	161	161	149	161	161
28.000	168	0.12	M_2		32	40	62	84	103	122
			c		4.2	3.4	2.2	1.7	1.3	1.1
			$n_{2\,Eck}$		145	145	145	134	145	145
			$n_{2\,th}$		145	145	145	134	145	145
31.600	185	0.09	M_2		36	45				
			c		4.1	3.3				
			$n_{2\,Eck}$		128	128				
			$n_{2\,th}$		128	128				
35.200	170	0.08	M_2		40	50				
			c		3.4	2.7				
			$n_{2\,Eck}$		115	115				
			$n_{2\,th}$		115	115				
40.697	187	0.06	M_2		46	58				
			c		3.2	2.6				
			$n_{2\,Eck}$		100	100				
			$n_{2\,th}$		100	100				
45.333	172	0.06	M_2	25	52	65				
			c	5.3	2.7	2.1				
			$n_{2\,Eck}$	89	89	89				
			$n_{2\,th}$	89	89	89				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

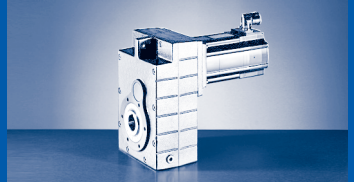
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 345$ Nm

GFL05-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.25	0.33	1.13	1.53	1.93	2.83
3.333	110	1.68	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						14 5.4 1215 920
3.333	150	1.68	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						
4.571	133	2.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					16 5.7 886 790	19 4.8 886 766
4.571	170	2.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						
5.133	170	2.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						21 5.4 789 597
5.133	223	2.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						
5.667	187	2.33	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						24 5.4 715 541
5.667	233	2.33	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						
6.400	149	0.82	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				18 5.7 586 586	23 4.5 633 612	27 3.8 633 595
6.400	173	0.82	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						
7.040	205	1.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					25 5.7 575 513	30 4.8 575 498
7.040	248	1.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						
7.771	226	1.45	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					27 5.7 521 465	33 4.8 521 451

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 345$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GFL05-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.68	110	3.333
		31 4.6 450 450	25 4.6 900 891	23 4.7 1058 893	43 3.2 585 585	35 3.0 1215 819	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.68	150	3.333
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.13	133	4.571
		43 3.8 328 328	34 3.8 656 656	32 3.9 771 736	59 2.6 427 427	48 2.5 886 676	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.13	170	4.571
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.37	170	5.133
		48 4.5 292 292	38 4.5 584 575	36 4.5 687 576	66 3.0 380 380	54 2.9 789 528	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.37	223	5.133
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.33	187	5.667
		53 4.2 265 265	43 4.2 529 515	40 4.2 622 516	73 2.9 344 344	59 2.8 715 473	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.33	233	5.667
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.82	149	6.400
33 4.7 305 305	26 4.7 633 614	61 2.8 234 234	49 2.8 469 469	46 2.8 551 551	83 1.9 305 305	68 1.8 633 508	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.82	173	6.400
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.47	205	7.040
		66 3.6 213 213	53 3.6 426 426	50 3.6 501 473	91 2.5 277 277	74 2.4 575 434	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.47	248	7.040
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.45	226	7.771

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

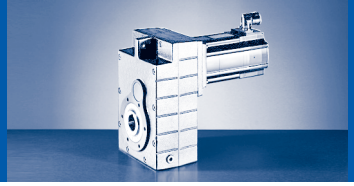
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 345$ Nm

GFL05-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.25	0.33	1.13	1.53	1.93	2.83
7.771	258	1.45	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						
9.010	220	0.95	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				26 6.0 416 416	32 4.8 450 423	38 4.0 450 411
9.010	266	0.95	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						
9.946	243	0.89	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				28 6.0 377 377	35 4.8 407 383	42 4.0 407 373
9.946	275	0.89	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						
11.360	278	1.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					40 4.8 357 308	48 4.0 357 299
12.800	285	1.01	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				37 5.5 293 280	46 4.3 316 269	54 3.7 316 260
14.538	301	0.75	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				42 5.1 258 258	52 4.0 279 255	62 3.4 279 248
15.904	310	0.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				46 4.8 236 236	57 3.8 255 239	68 3.2 255 232
17.920	312	0.61	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			38 5.6 226 226	52 4.3 209 209	64 3.4 226 208	77 2.9 226 202
20.286	333	0.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			43 5.3 200 200	59 4.0 185 185	73 3.2 200 200	87 2.7 200 200
22.857	313	0.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			49 4.4 177 177	67 3.4 164 164	83 2.7 177 177	99 2.3 177 177
24.850	344	0.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			53 5.1 163 163	73 3.9 151 151	90 3.1 163 163	107 2.6 163 163

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 345$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GFL05-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
39	31	74	59	55	100	82	M_2	1.45	258	7.771
5.7	5.7	3.4	3.4	3.4	2.3	2.2	c			
251	521	193	386	454	251	521	$n_{2\,Eck}$			
251	466	193	386	424	251	388	$n_{2\,th}$			
							M_2	0.95	220	9.010
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
46	36	86	68	64	117	95	M_2	0.95	266	9.010
5.1	5.1	3.0	3.0	3.1	2.1	2.0	c			
216	450	167	333	391	216	450	$n_{2\,Eck}$			
216	428	166	333	391	216	362	$n_{2\,th}$			
							M_2	0.89	243	9.946
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
51	40	95	76	71	129	105	M_2	0.89	275	9.946
4.7	4.8	2.9	2.8	2.9	1.9	1.9	c			
196	407	151	302	354	196	407	$n_{2\,Eck}$			
196	383	151	302	350	196	317	$n_{2\,th}$			
59	46	108	87	81	148	120	M_2	1.08	278	11.360
4.2	4.2	2.5	2.5	2.5	1.7	1.7	c			
172	357	132	264	310	172	357	$n_{2\,Eck}$			
172	301	132	264	273	172	234	$n_{2\,th}$			
66	52	123	98	92	167	136	M_2	1.01	285	12.800
3.8	3.8	2.3	2.3	2.3	1.6	1.5	c			
152	316	117	234	275	152	316	$n_{2\,Eck}$			
152	263	117	234	237	152	197	$n_{2\,th}$			
76	59	139	112	105	190	155	M_2	0.75	301	14.538
3.6	3.6	2.1	2.1	2.1	1.5	1.4	c			
134	279	103	206	243	134	279	$n_{2\,Eck}$			
134	250	103	206	227	134	188	$n_{2\,th}$			
83	65	153	122	115	208	169	M_2	0.60	310	15.904
3.4	3.4	2.0	2.0	2.0	1.4	1.3	c			
123	255	94	189	222	123	255	$n_{2\,Eck}$			
123	234	94	189	213	123	176	$n_{2\,th}$			
94	73	172	138	129	234	191	M_2	0.61	312	17.920
3.0	3.0	1.8	1.8	1.8	1.2	1.2	c			
109	226	84	167	197	109	226	$n_{2\,Eck}$			
109	204	84	167	180	109	149	$n_{2\,th}$			
106	83	195	156	147	265	216	M_2	0.43	333	20.286
2.8	2.8	1.7	1.7	1.7	1.2	1.1	c			
96	200	74	148	174	96	200	$n_{2\,Eck}$			
96	200	74	148	174	96	151	$n_{2\,th}$			
120	94	221	177	166			M_2	0.43	313	22.857
2.4	2.4	1.4	1.4	1.4			c			
85	177	66	131	154			$n_{2\,Eck}$			
85	177	66	131	149			$n_{2\,th}$			
130	102	240	192	180	325	265	M_2	0.35	344	24.850
2.6	2.7	1.4	1.6	1.6	1.1	1.1	c			
79	163	60	121	142	79	163	$n_{2\,Eck}$			
78	163	60	121	142	78	138	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

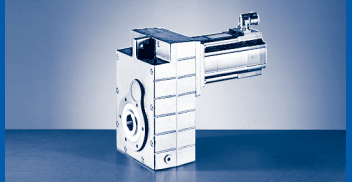
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 345$ Nm

GFL05-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.25	0.33	1.13	1.53	1.93	2.83
28.000	314	0.33	M_2			60	82	102	121
			c			4.1	3.1	2.5	2.1
			$n_{2\,Eck}$			145	134	145	145
			$n_{2\,th}$			145	134	145	145
32.344	296	0.20	M_2		45				
			c		5.1				
			$n_{2\,Eck}$		125				
			$n_{2\,th}$		125				
32.344	345	0.20	M_2			70	95	118	140
			c			3.9	3.0	2.4	2.0
			$n_{2\,Eck}$			125	116	125	125
			$n_{2\,th}$			125	116	125	125
36.444	316	0.20	M_2		51	80	108	133	158
			c		4.9	3.2	2.4	1.9	1.6
			$n_{2\,Eck}$		111	111	103	111	111
			$n_{2\,th}$		111	111	103	111	111
40.233	307	0.15	M_2	45	57				
			c	5.4	4.3				
			$n_{2\,Eck}$	101	101				
			$n_{2\,th}$	101	101				
40.233	345	0.15	M_2			88	119	147	175
			c			3.1	2.4	1.9	1.6
			$n_{2\,Eck}$			101	93	101	101
			$n_{2\,th}$			101	93	101	101
45.333	319	0.14	M_2	51	64	100	135	166	197
			c	4.9	4.0	2.6	2.0	1.6	1.3
			$n_{2\,Eck}$	89	89	89	83	89	89
			$n_{2\,th}$	89	89	89	83	89	89
52.067	309	0.09	M_2	59	74				
			c	4.2	3.3				
			$n_{2\,Eck}$	78	78				
			$n_{2\,th}$	78	78				
58.667	322	0.09	M_2	66	84				
			c	3.9	3.1				
			$n_{2\,Eck}$	69	69				
			$n_{2\,th}$	69	69				
63.190	282	0.07	M_2	72	91				
			c	3.1	2.5				
			$n_{2\,Eck}$	64	64				
			$n_{2\,th}$	64	64				
71.200	305	0.06	M_2	81	102				
			c	3.3	2.7				
			$n_{2\,Eck}$	57	57				
			$n_{2\,th}$	57	57				

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 345$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GFL05-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
148 2.1 70 70	115 2.2 145 145	271 1.2 54 54	217 1.3 107 107	203 1.3 126 126			M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	314	28.000
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.20	296	32.344
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.20	345	32.344
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.20	316	36.444
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.15	307	40.233
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.15	345	40.233
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.14	319	45.333
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.09	309	52.067
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.09	322	58.667
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.07	282	63.190
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.06	305	71.200

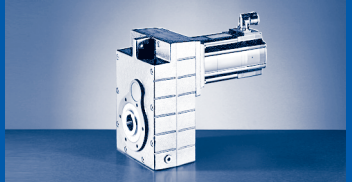
M ... [Nm]
n ... [r/min]
J ... [kgcm^2]
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 345$ Nm

GFL05-3S				06CC41	06FC41	06IC41	09DC41	09FC38
				...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10
			n_1	4050	4050	4050	4050	3750
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5
			P_N	0.25	0.51	0.64	1.00	1.20
			J_M	0.17	0.25	0.33	1.13	1.53
61.653	207	0.20	M_2	34	70	88	135	
			c	4.8	2.4	1.9	1.3	
			$n_{2\,Eck}$	66	66	66	66	
			$n_{2\,th}$	66	66	66	66	
78.639	225	0.14	M_2	43	89	112	173	
			c	4.5	2.3	1.8	1.2	
			$n_{2\,Eck}$	52	52	52	52	
			$n_{2\,th}$	52	52	52	52	
90.123	303	0.20	M_2	49	102	128	197	267
			c	5.3	2.7	2.1	1.4	1.1
			$n_{2\,Eck}$	45	45	45	45	42
			$n_{2\,th}$	45	45	45	45	42
101.547	328	0.20	M_2	56	115	144	222	301
			c	5.1	2.6	2.0	1.3	1.0
			$n_{2\,Eck}$	40	40	40	40	37
			$n_{2\,th}$	40	40	40	40	37
114.952	329	0.14	M_2	63	130	163	252	
			c	4.5	2.3	1.8	1.2	
			$n_{2\,Eck}$	35	35	35	35	
			$n_{2\,th}$	35	35	35	35	
129.524	328	0.14	M_2	72	147	185	285	
			c	4.0	2.0	1.6	1.0	
			$n_{2\,Eck}$	31	31	31	31	
			$n_{2\,th}$	31	31	31	31	
140.817	345	0.11	M_2	78	160	201	309	
			c	3.9	1.9	1.6	1.0	
			$n_{2\,Eck}$	29	29	29	29	
			$n_{2\,th}$	29	29	29	29	
158.667	328	0.11	M_2	89	181	227		
			c	3.3	1.6	1.3		
			$n_{2\,Eck}$	26	26	26		
			$n_{2\,th}$	26	26	26		
177.027	345	0.07	M_2	99	202	253		
			c	3.1	1.5	1.2		
			$n_{2\,Eck}$	23	23	23		
			$n_{2\,th}$	23	23	23		
199.467	328	0.07	M_2	112	228	286		
			c	2.6	1.3	1.0		
			$n_{2\,Eck}$	20	20	20		
			$n_{2\,th}$	20	20	20		
227.989	345	0.05	M_2	129	261			
			c	2.4	1.2			
			$n_{2\,Eck}$	18	18			
			$n_{2\,th}$	18	18			
256.889	328	0.05	M_2	146	295			
			c	2.0	1.0			
			$n_{2\,Eck}$	16	16			
			$n_{2\,th}$	16	16			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

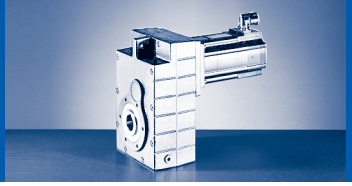


$M_{2\,GN} \leq 657$ Nm

GFL06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
3.675	205	7.76	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									34 5.8 408 408	27 5.7 816 714
3.675	317	7.76	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
5.211	291	6.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									48 5.8 288 288	38 5.7 576 503
5.211	424	6.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
5.750	321	6.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									53 5.8 261 261	42 5.7 522 456
5.750	442	6.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
6.450	195	3.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					23 5.9 628 548	27 5.0 628 531				
6.450	252	3.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									61 4.0 233 233	49 4.0 465 465
6.450	352	3.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
7.147	333	4.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									67 4.8 210 210	53 4.8 420 410
7.147	433	4.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
8.400	469	4.26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									78 5.8 179 179	62 5.7 357 312
8.400	604	4.26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 657$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GFL06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
25	47	38									M_2	7.76	205	3.675
5.8	3.9	3.8									c			
959	531	1102									$n_{2\,Eck}$			
715	531	656									$n_{2\,th}$			
					54	48	80	59	105	73	M_2	7.76	317	3.675
					5.6	4.9	3.9	4.0	3.0	3.3	c			
					408	878	408	878	367	878	$n_{2\,Eck}$			
					408	693	408	665	367	637	$n_{2\,th}$			
36	66	54									M_2	6.64	291	5.211
5.8	3.9	3.8									c			
676	374	777									$n_{2\,Eck}$			
505	374	463									$n_{2\,th}$			
					77	68	113	84	149	104	M_2	6.64	424	5.211
					5.2	4.6	3.6	3.8	2.8	3.1	c			
					288	619	288	619	259	619	$n_{2\,Eck}$			
					288	483	288	463	259	443	$n_{2\,th}$			
40	73	60									M_2	6.04	321	5.750
5.8	3.9	3.8									c			
613	339	704									$n_{2\,Eck}$			
457	339	419									$n_{2\,th}$			
					86	75	125	93	165	115	M_2	6.04	442	5.750
					5.0	4.4	3.4	3.6	2.6	2.9	c			
					261	561	261	561	235	561	$n_{2\,Eck}$			
					261	433	261	415	235	397	$n_{2\,th}$			
											M_2	3.65	195	6.450
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
45	83	68									M_2	3.65	252	6.450
4.1	2.7	2.6									c			
547	302	628									$n_{2\,Eck}$			
510	302	468									$n_{2\,th}$			
				45	98	86	142	106	186	130	M_2	3.65	352	6.450
				5.6	3.5	3.1	2.4	2.5	1.9	2.1	c			
				558	233	500	233	500	209	500	$n_{2\,Eck}$			
				542	233	484	233	464	209	444	$n_{2\,th}$			
50	91	75									M_2	4.04	333	7.147
4.8	3.3	3.1									c			
493	273	567									$n_{2\,Eck}$			
411	273	377									$n_{2\,th}$			
					108	95	157	117	206	144	M_2	4.04	433	7.147
					3.9	3.5	2.7	2.8	2.1	2.3	c			
					210	451	210	451	189	451	$n_{2\,Eck}$			
					210	385	210	369	189	353	$n_{2\,th}$			
58	107	87									M_2	4.26	469	8.400
5.8	3.9	3.8									c			
420	232	482									$n_{2\,Eck}$			
313	232	287									$n_{2\,th}$			
					126	110	183	137	241	168	M_2	4.26	604	8.400
					4.6	4.1	3.2	3.3	2.5	2.7	c			
					179	384	179	384	161	384	$n_{2\,Eck}$			
					179	292	179	280	161	268	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

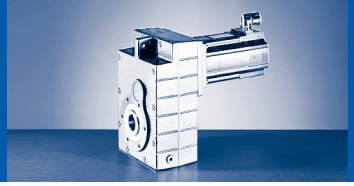
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 657$ Nm

GFL06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
9.463	529	3.88	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									87 5.8 159 159	70 5.7 317 277
9.463	581	3.88	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
10.092	306	2.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					35 5.9 401 350	42 5.0 401 339				
10.092	395	2.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									95 4.0 149 149	76 4.0 297 297
10.092	459	2.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
11.520	536	1.73	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									107 4.8 130 130	86 4.8 260 255
11.520	632	1.73	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
12.978	592	2.61	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									121 4.7 116 116	97 4.7 231 225
14.743	447	1.95	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					52 5.9 275 240	62 5.0 275 232				
14.743	577	1.95	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									139 4.0 102 102	111 4.0 204 203
14.743	641	1.95	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
16.128	467	1.68	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					57 5.6 251 224	68 4.8 251 217				
16.128	603	1.68	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									152 3.9 93 93	122 3.8 186 186

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 657$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GFL06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
65	120	98									M_2	3.88	529	9.463
5.8	3.9	3.8									c			
373	206	428									$n_{2\,Eck}$			
278	206	255									$n_{2\,th}$			
					142	125	207	155	272	190	M_2	3.88	581	9.463
					4.0	3.5	2.8	2.9	2.1	2.3	c			
					159	341	159	341	143	341	$n_{2\,Eck}$			
					159	251	159	240	143	229	$n_{2\,th}$			
											M_2	2.52	306	10.092
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
71	130	106									M_2	2.52	395	10.092
4.1	2.7	2.6									c			
349	193	401									$n_{2\,Eck}$			
326	193	299									$n_{2\,th}$			
			86	71	154	135	223	166	292	204	M_2	2.52	459	10.092
			5.1	4.7	2.9	2.6	2.0	2.1	1.6	1.7	c			
			149	357	149	320	149	320	134	320	$n_{2\,Eck}$			
			149	335	149	298	149	285	134	259	$n_{2\,th}$			
81	147	120									M_2	1.73	536	11.520
4.8	3.3	3.1									c			
306	169	352									$n_{2\,Eck}$			
255	169	234									$n_{2\,th}$			
				80	174	153	253	189	332	232	M_2	1.73	632	11.520
				5.6	3.5	3.1	2.5	2.6	1.9	2.1	c			
				313	130	280	130	280	117	280	$n_{2\,Eck}$			
				263	130	234	130	224	117	214	$n_{2\,th}$			
91	166	136	111	91	197	173	286	214	376	262	M_2	2.61	592	12.978
4.7	3.2	3.1	5.1	4.7	2.9	2.6	2.0	2.1	1.6	1.7	c			
272	150	312	116	277	116	249	116	249	104	249	$n_{2\,Eck}$			
226	150	207	116	225	116	199	116	190	104	174	$n_{2\,th}$			
											M_2	1.95	447	14.743
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
104	190	155									M_2	1.95	577	14.743
4.1	2.7	2.6									c			
239	132	275									$n_{2\,Eck}$			
223	132	205									$n_{2\,th}$			
			126	103	225	197	326	243	427	298	M_2	1.95	641	14.743
			4.9	4.5	2.8	2.5	2.0	2.0	1.5	1.7	c			
			102	244	102	219	102	219	92	219	$n_{2\,Eck}$			
			102	227	102	202	102	193	92	173	$n_{2\,th}$			
											M_2	1.68	467	16.128
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
114	208	169									M_2	1.68	603	16.128
3.9	2.6	2.5									c			
219	121	251									$n_{2\,Eck}$			
209	121	192									$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

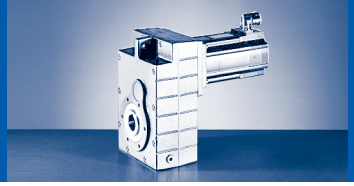
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 657$ Nm

GFL06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
16.128	643	1.68	M_2										
			c										
			$n_{2\,Eck}$										
			$n_{2\,th}$										
18.169	526	1.57	M_2					64	76				
			c					5.6	4.8				
			$n_{2\,Eck}$					223	223				
			$n_{2\,th}$					199	193				
18.169	600	1.57	M_2							92	72	172	138
			c							5.7	5.7	3.4	3.4
			$n_{2\,Eck}$							107	223	83	165
			$n_{2\,th}$							107	199	83	165
20.571	501	1.19	M_2				59	73	87				
			c				6.0	4.8	4.0				
			$n_{2\,Eck}$				182	197	197				
			$n_{2\,th}$				182	187	182				
20.571	645	1.19	M_2							105	82	195	156
			c							5.4	5.4	3.2	3.2
			$n_{2\,Eck}$							95	197	73	146
			$n_{2\,th}$							95	191	73	146
23.175	565	1.13	M_2				66	82	98				
			c				6.0	4.8	4.0				
			$n_{2\,Eck}$				162	175	175				
			$n_{2\,th}$				162	166	161				
23.175	604	1.13	M_2							119	93	221	177
			c							4.5	4.5	2.7	2.7
			$n_{2\,Eck}$							84	175	65	130
			$n_{2\,th}$							84	164	65	129
25.200	527	0.90	M_2				72	89	107				
			c				5.8	4.6	3.9				
			$n_{2\,Eck}$				149	161	161				
			$n_{2\,th}$				149	161	161				
25.200	651	0.90	M_2							129	101	240	192
			c							4.8	5.1	2.7	3.0
			$n_{2\,Eck}$							77	161	60	119
			$n_{2\,th}$							77	161	60	119
28.389	594	0.86	M_2				81	101	120				
			c				5.8	4.6	3.9				
			$n_{2\,Eck}$				132	143	143				
			$n_{2\,th}$				132	143	143				
28.389	607	0.86	M_2							147	115	272	217
			c							4.0	4.2	2.2	2.5
			$n_{2\,Eck}$							69	143	53	106
			$n_{2\,th}$							69	143	53	106
32.800	550	0.58	M_2				95	118	140				
			c				4.7	3.7	3.1				
			$n_{2\,Eck}$				114	124	124				
			$n_{2\,th}$				114	123	123				
32.800	641	0.58	M_2							170	133	315	251
			c							3.7	3.8	2.0	2.3
			$n_{2\,Eck}$							60	124	46	92
			$n_{2\,th}$							59	123	46	91

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 657$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GFL06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
			139	114	246	216	357	267	468	327	M_2			
			4.5	4.1	2.6	2.3	1.8	1.9	1.4	1.5	c	1.68	643	16.128
			93	223	93	200	93	200	84	200	$n_{2\,Eck}$			
			93	211	93	188	93	176	84	157	$n_{2\,th}$			
											M_2			
											c	1.57	526	18.169
											$n_{2\,Eck}$			
											$n_{2\,th}$			
129	235	191	158	129	279	245	403	302	528	369	M_2			
3.4	2.3	2.2	3.7	3.4	2.1	1.9	1.5	1.5	1.1	1.3	c	1.57	600	18.169
194	107	223	83	198	83	178	83	178	74	178	$n_{2\,Eck}$			
181	107	166	83	181	83	158	83	141	74	127	$n_{2\,th}$			
											M_2			
											c	1.19	501	20.571
											$n_{2\,Eck}$			
											$n_{2\,th}$			
146	266	217	179	146	316	277	457	342	598	418	M_2			
3.2	2.2	2.1	3.5	3.2	2.0	1.8	1.4	1.5	1.1	1.2	c	1.19	645	20.571
171	95	197	73	175	73	157	73	157	66	157	$n_{2\,Eck}$			
171	95	162	73	175	73	152	73	138	66	126	$n_{2\,th}$			
											M_2			
											c	1.13	565	23.175
											$n_{2\,Eck}$			
											$n_{2\,th}$			
166	301	245	203	166	357	313	516	386			M_2			
2.7	1.8	1.8	2.9	2.7	1.7	1.5	1.2	1.2			c	1.13	604	23.175
152	84	175	65	155	65	139	65	139			$n_{2\,Eck}$			
150	84	134	65	150	65	123	65	113			$n_{2\,th}$			
											M_2			
											c	0.90	527	25.200
											$n_{2\,Eck}$			
											$n_{2\,th}$			
180	327	266	221	180	389	340	561	419		513	M_2			
3.0	2.0	2.0	2.9	3.0	1.7	1.7	1.2	1.4		1.1	c	0.90	651	25.200
140	77	161	60	143	60	128	60	128		128	$n_{2\,Eck}$			
140	77	154	60	142	60	128	60	127		115	$n_{2\,th}$			
											M_2			
											c	0.86	594	28.389
											$n_{2\,Eck}$			
											$n_{2\,th}$			
203	369	301	250	203	439	384		473			M_2			
2.5	1.6	1.6	2.4	2.5	1.4	1.4		1.1			c	0.86	607	28.389
124	69	143	53	127	53	114		114			$n_{2\,Eck}$			
124	69	123	53	126	53	113		103			$n_{2\,th}$			
											M_2			
											c	0.58	550	32.800
											$n_{2\,Eck}$			
											$n_{2\,th}$			
235	427	348									M_2			
2.3	1.5	1.5									c	0.58	641	32.800
108	60	124									$n_{2\,Eck}$			
107	59	119									$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

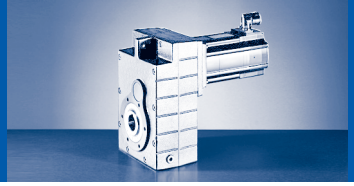
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 657$ Nm

GFL06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
36.951	611	0.56	M_2				107	132	158	193	151	356	284
			c				4.6	3.7	3.1	3.1	3.2	1.7	1.9
			$n_{2\,Eck}$				102	110	110	53	110	41	81
			$n_{2\,th}$				101	110	110	53	110	41	81
40.800	386	0.43	M_2		57								
			c		5.3								
			$n_{2\,Eck}$		99								
			$n_{2\,th}$		99								
40.800	571	0.43	M_2			87	119	147	175				
			c			5.1	3.9	3.1	2.6				
			$n_{2\,Eck}$			99	92	99	99				
			$n_{2\,th}$			99	92	99	99				
40.800	657	0.43	M_2							213	166	393	314
			c							3.0	3.2	1.7	1.9
			$n_{2\,Eck}$							48	99	37	74
			$n_{2\,th}$							48	99	37	74
45.963	435	0.41	M_2		64								
			c		5.3								
			$n_{2\,Eck}$		88								
			$n_{2\,th}$		88								
45.963	613	0.41	M_2			98	134	166	198	241	189	444	355
			c			4.9	3.7	3.0	2.5	2.5	2.6	1.4	1.6
			$n_{2\,Eck}$			88	82	88	88	42	88	33	65
			$n_{2\,th}$			88	82	88	88	42	88	33	65
52.800	400	0.26	M_2	59	74								
			c	5.3	4.3								
			$n_{2\,Eck}$	77	77								
			$n_{2\,th}$	77	77								
52.800	592	0.26	M_2			114	155	192	228				
			c			4.1	3.1	2.5	2.1				
			$n_{2\,Eck}$			77	71	77	77				
			$n_{2\,th}$			77	71	77	77				
59.481	451	0.25	M_2	66	84								
			c	5.3	4.3								
			$n_{2\,Eck}$	68	68								
			$n_{2\,th}$	68	68								
59.481	615	0.25	M_2			129	175	216	257				
			c			3.8	2.9	2.3	1.9				
			$n_{2\,Eck}$			68	63	68	68				
			$n_{2\,th}$			68	63	68	68				
64.080	405	0.19	M_2	72	91								
			c	4.4	3.5								
			$n_{2\,Eck}$	63	63								
			$n_{2\,th}$	63	63								
64.080	576	0.19	M_2			140	190	234	278				
			c			3.3	2.5	2.0	1.7				
			$n_{2\,Eck}$			63	59	63	63				
			$n_{2\,th}$			63	59	63	63				
72.189	456	0.19	M_2	81	102								
			c	4.9	3.9								
			$n_{2\,Eck}$	56	56								
			$n_{2\,th}$	56	56								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 657$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GFL06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
266 1.9 95 95	483 1.3 53 53	393 1.3 110 99									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.56	611	36.951
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.43	386	40.800
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.43	571	40.800
294 1.9 86 86	533 1.2 48 48	434 1.2 99 99									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.43	657	40.800
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.41	435	45.963
333 1.6 77 77	602 1.0 42 42	490 1.0 88 86									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.41	613	45.963
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.26	400	52.800
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.26	592	52.800
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.25	451	59.481
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.25	615	59.481
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.19	405	64.080
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.19	576	64.080
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.19	456	72.189

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

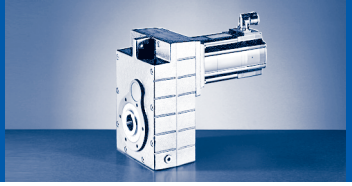
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 657$ Nm

GFL06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
72.189	616	0.19	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			157 3.5 56 56	213 2.6 52 52	263 2.1 56 56	313 1.8 56 56				
81.000	400	0.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	92 3.8 50 50	115 3.1 50 50								
91.250	451	0.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	103 3.8 44 44	130 3.1 44 44								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 657$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GFL06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.19	616	72.189
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.13	400	81.000
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.12	451	91.250

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

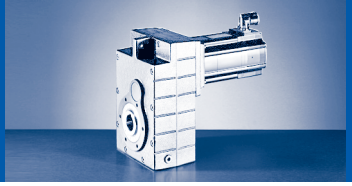
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 634$ Nm

GFL06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
66.213	497	0.29	M_2		72	91	142	193	238	283
			c		5.9	4.7	3.1	2.4	1.9	1.6
			$n_{2\,Eck}$		61	61	61	57	61	61
			$n_{2\,th}$		61	61	61	57	61	61
72.000	497	0.26	M_2		79	100	155	211	260	308
			c		5.4	4.4	2.8	2.2	1.7	1.5
			$n_{2\,Eck}$		56	56	56	52	56	56
			$n_{2\,th}$		56	56	56	52	56	56
81.111	497	0.26	M_2		89	113	175	238	293	348
			c		4.8	3.9	2.5	1.9	1.5	1.3
			$n_{2\,Eck}$		50	50	50	46	50	50
			$n_{2\,th}$		50	50	50	46	50	50
88.200	488	0.19	M_2		98	123	191	259	319	379
			c		4.4	3.5	2.3	1.7	1.4	1.2
			$n_{2\,Eck}$		46	46	46	43	46	46
			$n_{2\,th}$		46	46	46	43	46	46
99.361	550	0.19	M_2		110	139	215	292	359	427
			c		4.4	3.5	2.3	1.7	1.4	1.2
			$n_{2\,Eck}$		41	41	41	38	41	41
			$n_{2\,th}$		41	41	41	38	41	41
116.571	528	0.09	M_2		130	164				
			c		3.6	2.9				
			$n_{2\,Eck}$		35	35				
			$n_{2\,th}$		35	35				
131.323	595	0.21	M_2		147	185	286	387	476	
			c		3.6	2.9	1.9	1.4	1.1	
			$n_{2\,Eck}$		31	31	31	29	31	
			$n_{2\,th}$		31	31	31	29	31	
144.320	560	0.11	M_2		162	204				
			c		3.1	2.5				
			$n_{2\,Eck}$		28	28				
			$n_{2\,th}$		28	28				
162.583	613	0.11	M_2	88	183	230				
			c	6.0	3.0	2.4				
			$n_{2\,Eck}$	25	25	25				
			$n_{2\,th}$	25	25	25				
179.520	605	0.10	M_2	98	202	254				
			c	5.3	2.7	2.1				
			$n_{2\,Eck}$	23	23	23				
			$n_{2\,th}$	23	23	23				
202.237	611	0.10	M_2	111	229	287				
			c	4.8	2.4	1.9				
			$n_{2\,Eck}$	20	20	20				
			$n_{2\,th}$	20	20	20				
231.200	634	0.07	M_2	128	262	329				
			c	4.3	2.2	1.7				
			$n_{2\,Eck}$	18	18	18				
			$n_{2\,th}$	18	18	18				
260.457	613	0.07	M_2	145	296	371				
			c	3.7	1.9	1.5				
			$n_{2\,Eck}$	16	16	16				
			$n_{2\,th}$	16	16	16				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 634$ Nm

GFL06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
299.200	613	0.06	M_2	168	341	428				
			c	3.2	1.6	1.3				
			$n_{2\,Eck}$	14	14	14				
			$n_{2\,th}$	14	14	14				

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

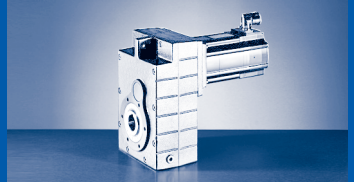
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
3.350	334	19.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
3.350	554	19.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
4.643	410	11.99	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
4.643	637	11.99	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
5.159	514	11.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
5.159	850	11.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
5.695	568	18.09	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
5.695	914	18.09	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
6.400	296	9.83	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							60 4.8 234 234	48 4.7 469 457	45 4.8 551 458	82 3.2 305 305	67 3.1 633 420	
6.400	460	9.83	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
6.400	662	9.83	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
7.150	631	11.88	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
7.150	918	11.88	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
		43	72	54	95	66							M_2	19.57	334	3.350
		5.7	4.5	4.6	3.4	3.8							c			
		963	448	963	403	963							$n_{2\,Eck}$			
		671	448	643	403	615							$n_{2\,th}$			
									126	91	162	101	M_2	19.57	554	3.350
									4.3	4.7	3.3	4.2	c			
									425	896	403	896	$n_{2\,Eck}$			
									425	644	403	630	$n_{2\,th}$			
	69	60	100	75	132	92							M_2	11.99	410	4.643
	5.7	5.0	4.0	4.1	3.0	3.4							c			
	323	695	323	695	291	695							$n_{2\,Eck}$			
	323	543	323	520	291	498							$n_{2\,th}$			
							116	90	175	127	226	140	M_2	11.99	637	4.643
							5.2	5.3	3.5	3.9	2.8	3.5	c			
							307	646	307	646	291	646	$n_{2\,Eck}$			
							307	476	307	476	291	476	$n_{2\,th}$			
		67	111	83	146	102							M_2	11.12	514	5.159
		5.7	4.5	4.6	3.4	3.8							c			
		625	291	625	262	625							$n_{2\,Eck}$			
		436	291	417	262	399							$n_{2\,th}$			
									194	140	249	155	M_2	11.12	850	5.159
									4.2	4.7	3.3	4.2	c			
									276	582	262	582	$n_{2\,Eck}$			
									276	418	262	409	$n_{2\,th}$			
		74	123	91	162	113							M_2	18.09	568	5.695
		5.7	4.5	4.6	3.4	3.8							c			
		566	263	566	237	566							$n_{2\,Eck}$			
		395	263	378	237	362							$n_{2\,th}$			
									214	154	275	171	M_2	18.09	914	5.695
									4.1	4.5	3.2	4.1	c			
									250	527	237	527	$n_{2\,Eck}$			
									250	376	237	368	$n_{2\,th}$			
													M_2	9.83	296	6.400
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
	96	84	140	104	183	128							M_2	9.83	460	6.400
	4.6	4.1	3.2	3.3	2.5	2.7							c			
	234	504	234	504	211	504							$n_{2\,Eck}$			
	234	444	234	426	211	408							$n_{2\,th}$			
							163	126	244	177	313	195	M_2	9.83	662	6.400
							4.0	4.0	2.7	2.9	2.1	2.7	c			
							223	469	223	469	211	469	$n_{2\,Eck}$			
							223	345	223	345	211	345	$n_{2\,th}$			
	106	93	155	116	204	142							M_2	11.88	631	7.150
	5.7	5.0	4.0	4.1	3.0	3.4							c			
	210	451	210	451	189	451							$n_{2\,Eck}$			
	210	352	210	338	189	323							$n_{2\,th}$			
							180	140	271	196	348	217	M_2	11.88	918	7.150
							4.9	5.0	3.3	3.6	2.6	3.3	c			
							199	420	199	420	189	420	$n_{2\,Eck}$			
							199	309	199	309	189	309	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

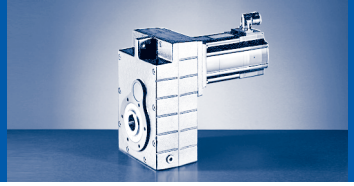
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
8.324	830	13.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
8.324	993	13.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
9.379	935	12.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
9.379	999	12.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
9.714	475	8.03	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							90 5.0 154 154	72 5.0 309 293	68 5.1 363 293	124 3.4 201 201	101 3.3 417 268	
9.714	745	8.03	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
9.714	969	8.03	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
11.538	1018	8.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
11.538	1080	8.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
13.000	1089	7.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
14.200	694	6.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							132 5.0 106 106	106 5.0 211 200	99 5.1 248 201	181 3.4 137 137	148 3.3 285 184	
14.200	1089	6.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
14.200	1143	6.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
		108	179	134	236	165							M_2	13.11	830	8.324
		5.7	4.5	4.6	3.4	3.8							c			
		387	180	387	162	387							$n_{2\,Eck}$			
		270	180	259	162	247							$n_{2\,th}$			
							210	163	316	229	406	253	M_2	13.11	993	8.324
							4.6	4.7	3.1	3.4	2.4	3.1	c			
							171	360	171	360	162	360	$n_{2\,Eck}$			
							171	259	171	241	162	235	$n_{2\,th}$			
		121	202	151	266	186							M_2	12.04	935	9.379
		5.7	4.5	4.6	3.4	3.8							c			
		344	160	344	144	344							$n_{2\,Eck}$			
		240	160	229	144	219							$n_{2\,th}$			
							238	185	357	258	459	286	M_2	12.04	999	9.379
							4.1	4.2	2.8	3.0	2.2	2.7	c			
							152	320	152	320	144	320	$n_{2\,Eck}$			
							152	224	152	208	144	203	$n_{2\,th}$			
													M_2	8.03	475	9.714
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
	145	127	211	158	278	194							M_2	8.03	745	9.714
	4.9	4.4	3.4	3.6	2.6	2.9							c			
	154	332	154	332	139	332							$n_{2\,Eck}$			
	154	285	154	273	139	261							$n_{2\,th}$			
							247	192	371	268	476	297	M_2	8.03	969	9.714
							3.8	3.9	2.6	2.8	2.0	2.6	c			
							147	309	147	309	139	309	$n_{2\,Eck}$			
							147	228	147	228	139	228	$n_{2\,th}$			
	170	150	250	186	329	229							M_2	8.52	1018	11.538
	5.7	5.0	4.0	4.1	3.0	3.4							c			
	130	280	130	280	117	280							$n_{2\,Eck}$			
	130	218	130	209	117	200							$n_{2\,th}$			
							294	229	441	319	566	353	M_2	8.52	1080	11.538
							3.6	3.7	2.4	2.6	1.9	2.4	c			
							124	260	124	260	117	260	$n_{2\,Eck}$			
							124	192	124	190	117	186	$n_{2\,th}$			
	193	170	282	210	371	259	333	259	498	361	639	399	M_2	7.97	1089	13.000
	5.4	4.8	3.8	3.9	2.9	3.2	3.2	3.3	2.2	2.4	1.7	2.1	c			
	115	248	115	248	104	248	110	231	110	231	104	231	$n_{2\,Eck}$			
	115	192	115	184	104	176	110	170	110	164	104	160	$n_{2\,th}$			
													M_2	6.35	694	14.200
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
	211	186	309	231	406	284							M_2	6.35	1089	14.200
	4.9	4.4	3.4	3.6	2.6	2.9							c			
	106	227	106	227	95	227							$n_{2\,Eck}$			
	106	195	106	187	95	179							$n_{2\,th}$			
							364	283	545	394	698	436	M_2	6.35	1143	14.200
							3.1	3.1	2.1	2.3	1.6	2.1	c			
							100	211	100	211	95	211	$n_{2\,Eck}$			
							100	156	100	156	95	156	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

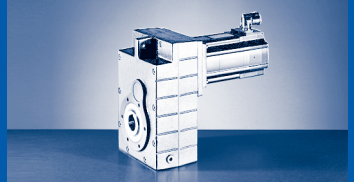
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
15.904	735	5.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							148 4.8 94 94	119 4.7 189 184	111 4.8 222 184	204 3.2 123 123	166 3.1 255 169	
15.904	1143	5.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
15.904	1179	5.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
17.920	829	4.98	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							167 4.8 84 84	134 4.7 167 163	125 4.8 197 164	229 3.2 109 109	187 3.1 226 150	
17.920	1189	4.98	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
20.286	614	3.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			71 5.9 200 175	85 5.0 200 170								
20.286	789	3.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							191 4.0 74 74	153 4.0 148 148	143 4.0 174 163	261 2.7 96 96	213 2.6 200 150	
20.286	1092	3.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
22.857	691	3.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			80 5.9 177 155	96 5.0 177 151								
22.857	890	3.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							215 4.0 66 66	172 4.0 131 131	161 4.0 154 145	294 2.7 85 85	240 2.6 177 133	
22.857	1231	3.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
24.850	831	2.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							235 3.5 60 60	187 3.9 121 121	175 3.9 142 142	320 2.6 79 78	261 2.6 163 133	
24.850	1289	2.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												211 5.8 60 60

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.27	735	15.904
	238 4.6 94 94	209 4.1 203 179	347 3.2 94 94	259 3.3 203 171	456 2.5 85 85	318 2.7 203 164							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.27	1143	15.904
							409 2.8 90 90	318 2.9 189 139	611 1.9 90 90	442 2.1 189 139	783 1.5 85 85	489 1.9 189 139	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.27	1179	15.904
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.98	829	17.920
	269 4.3 84 84	236 3.8 180 156	392 3.0 84 84	293 3.1 180 150	515 2.3 75 75	359 2.5 180 143	462 2.5 80 80	359 2.6 167 123	690 1.7 80 80	500 1.9 167 123	884 1.3 75 75	552 1.7 167 123	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.98	1189	17.920
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.47	614	20.286
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.47	789	20.286
141 5.5 178 173	307 3.5 74 74	270 3.1 159 155	446 2.4 74 74	333 2.5 159 148	585 1.9 67 67	409 2.1 159 142							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.47	1092	20.286
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.27	691	22.857
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.27	890	22.857
159 5.5 158 154	346 3.5 66 66	304 3.1 141 137	503 2.4 66 66	376 2.5 141 131	659 1.9 59 59	461 2.1 141 126							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.27	1231	22.857
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.65	831	24.850
	376 3.3 60 60	329 3.4 130 130	547 2.3 60 60	407 2.7 130 130	717 1.8 54 54	500 2.2 130 130							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.65	1289	24.850

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

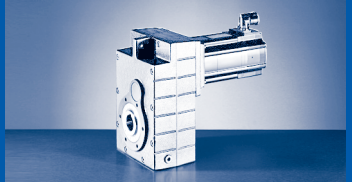
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
28.000	936	2.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							265 3.5 54 54	211 3.9 107 107	198 3.9 126 126	361 2.6 70 70	294 2.6 145 118	
28.000	1242	2.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												240 5.0 54 54
32.344	674	1.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		92 5.8 116 116	115 4.6 125 125	137 3.9 125 125								
32.344	868	1.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					165 5.0 60 60	129 5.3 125 125	308 2.8 46 46	246 3.1 93 93	230 3.2 109 109	419 2.1 60 60	341 2.1 125 120	
32.344	1346	1.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												278 4.7 46 46
36.444	760	1.61	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		104 5.8 103 103	129 4.6 111 111	154 3.9 111 111								
36.444	978	1.61	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					186 5.0 54 54	145 5.3 111 111	347 2.8 41 41	277 3.1 82 82	259 3.2 97 97	472 2.1 54 54	385 2.1 111 106	
36.444	1248	1.61	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												316 3.8 41 41
39.642	707	1.25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		114 5.0 95 95	142 4.0 102 102	169 3.3 102 102								
39.642	910	1.25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					204 4.3 49 49	159 4.5 102 102	379 2.4 38 38	302 2.7 76 76	283 2.7 89 89	515 1.8 49 49	420 1.8 102 102	
39.642	1378	1.25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												343 3.9 38 38
44.667	797	1.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		129 5.0 84 84	160 4.0 91 91	190 3.3 91 91								
44.667	1025	1.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					230 4.3 44 44	180 4.5 91 91	427 2.4 34 34	341 2.7 67 67	319 2.7 79 79	581 1.8 44 44	473 1.8 91 91	

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.53	936	28.000
195 5.2 129 128	426 2.9 54 54	373 2.9 115 115	618 2.0 54 54	461 2.3 115 115	811 1.5 48 48	565 1.9 115 111							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.53	1242	28.000
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.69	674	32.344
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.69	868	32.344
226 4.9 111 111	493 2.7 46 46	432 2.7 100 100	715 1.9 46 46	533 2.2 100 100	937 1.4 42 42	654 1.8 100 100							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.69	1346	32.344
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.61	760	36.444
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.61	978	36.444
257 4.0 99 99	559 2.2 41 41	489 2.2 89 88	809 1.5 41 41	603 1.8 89 88	1059 1.2 37 37	739 1.5 89 88							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.61	1248	36.444
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	707	39.642
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	910	39.642
279 4.1 91 91	608 2.2 38 38	532 2.3 81 81	880 1.6 38 38	656 1.8 81 81	1152 1.2 34 34	804 1.5 81 81							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	1378	39.642
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.20	797	44.667
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.20	1025	44.667

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

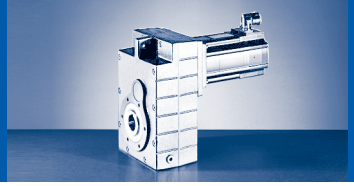
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
44.667	1258	1.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												390 3.2 34 34
52.067	726	0.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	111 5.1 78 78	152 3.9 72 72	188 3.1 78 72	224 2.6 78 78								
52.067	935	0.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					271 3.4 38 37	212 3.5 78 78	501 1.9 29 29	400 2.1 58 58	375 2.1 68 68	679 1.4 38 37	554 1.4 78 78	
58.667	819	0.75	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	125 5.1 69 69	171 3.9 64 64	212 3.1 69 69	252 2.6 69 69								
58.667	1054	0.75	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					305 3.4 33 33	238 3.5 69 69	564 1.9 26 26	450 2.1 51 51	422 2.1 60 60	765 1.4 33 33	624 1.4 69 69	
63.190	735	0.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	136 4.3 64 64	186 3.2 59 59	229 2.6 64 64	273 2.2 64 64								
63.190	946	0.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					331 2.8 31 31	258 2.9 64 64	610 1.5 24 24	487 1.7 48 47	456 1.8 56 56	826 1.1 31 31	673 1.2 64 64	
71.200	828	0.56	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	153 4.7 57 57	208 3.6 53 53	257 2.9 57 57	306 2.4 57 57								
71.200	1066	0.56	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					373 2.8 27 27	290 3.3 57 57	687 1.5 21 21	547 1.9 42 42	513 2.0 50 50	931 1.1 27 27	758 1.3 57 57	
79.875	744	0.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	173 3.8 51 51	236 2.9 47 47	291 2.3 51 51	345 1.9 51 51								
90.000	839	0.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	195 3.8 45 45	265 2.9 42 42	327 2.3 45 45	389 1.9 45 45								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
317	688	602	994	742		908							M_2	1.20	1258	44.667
3.3	1.8	1.8	1.3	1.5		1.2							c			
81	34	72	34	72		72							$n_{2\,Eck}$			
80	34	72	34	72		72							$n_{2\,th}$			
													M_2	0.78	726	52.067
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	0.78	935	52.067
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	0.75	819	58.667
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	0.75	1054	58.667
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	0.57	735	63.190
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	0.57	946	63.190
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	0.56	828	71.200
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	0.56	1066	71.200
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	0.37	744	79.875
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	0.36	839	90.000
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

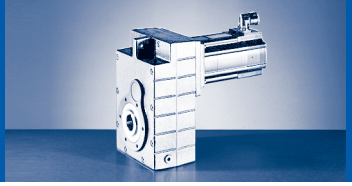
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
65.306	883	0.79	M_2				137	187	231	275
			c				5.6	4.2	3.4	2.8
			$n_{2\,Eck}$				62	57	62	62
			$n_{2\,th}$				62	57	62	62
72.452	869	0.89	M_2				153	208	258	307
			c				4.9	3.8	3.0	2.5
			$n_{2\,Eck}$				56	52	56	56
			$n_{2\,th}$				56	52	56	56
81.636	979	0.88	M_2				172	235	290	345
			c				4.9	3.8	3.0	2.5
			$n_{2\,Eck}$				50	46	50	50
			$n_{2\,th}$				50	46	50	50
92.413	961	0.61	M_2				196	267	330	392
			c				4.3	3.3	2.6	2.2
			$n_{2\,Eck}$				44	41	44	44
			$n_{2\,th}$				44	41	44	44
104.127	1082	0.60	M_2				221	301	372	442
			c				4.3	3.3	2.6	2.2
			$n_{2\,Eck}$				39	36	39	39
			$n_{2\,th}$				39	36	39	39
113.206	1040	0.45	M_2			154	242	329	406	482
			c			5.8	3.8	2.9	2.3	1.9
			$n_{2\,Eck}$			36	36	33	36	36
			$n_{2\,th}$			36	36	33	36	36
127.556	1171	0.44	M_2			174	272	370	457	543
			c			5.8	3.8	2.9	2.3	1.9
			$n_{2\,Eck}$			32	32	29	32	32
			$n_{2\,th}$			32	32	29	32	32
147.347	1140	0.28	M_2			203	316	430	530	630
			c			4.9	3.2	2.4	1.9	1.6
			$n_{2\,Eck}$			28	28	26	28	28
			$n_{2\,th}$			27	27	25	27	27
166.025	1248	0.27	M_2		181	229	357	485	597	710
			c		5.9	4.8	3.1	2.4	1.9	1.6
			$n_{2\,Eck}$		24	24	24	23	24	24
			$n_{2\,th}$		24	24	24	23	24	24
183.285	1236	0.19	M_2		201	254	395	537	661	785
			c		5.3	4.3	2.8	2.1	1.7	1.4
			$n_{2\,Eck}$		22	22	22	21	22	22
			$n_{2\,th}$		22	22	22	20	22	22
206.519	1248	0.19	M_2		227	287	447	606	746	886
			c		4.8	3.8	2.5	1.9	1.5	1.3
			$n_{2\,Eck}$		20	20	20	18	20	20
			$n_{2\,th}$		20	20	20	18	20	20
224.636	1343	0.18	M_2		248	313	486	659	812	963
			c		4.7	3.8	2.5	1.9	1.5	1.3
			$n_{2\,Eck}$		18	18	18	17	18	18
			$n_{2\,th}$		18	18	18	17	18	18
253.111	1258	0.18	M_2		281	355	550	745	917	1088
			c		3.9	3.1	2.1	1.6	1.2	1.1
			$n_{2\,Eck}$		16	16	16	15	16	16
			$n_{2\,th}$		16	16	16	15	16	16

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GFL07-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
338	263	621	495	464	842	685	M_2			
2.6	3.0	1.4	1.8	1.8	1.1	1.2	c			
30	62	23	46	54	30	62	$n_{2\,Eck}$	0.79	883	65.306
30	62	23	46	54	30	62	$n_{2\,th}$			
376	293	691	551	516		761	M_2			
2.3	2.6	1.3	1.6	1.6		1.0	c			
27	56	21	41	49		56	$n_{2\,Eck}$	0.89	869	72.452
27	56	21	41	49		46	$n_{2\,th}$			
423	330	778	620	582		858	M_2			
2.3	2.6	1.3	1.6	1.6		1.0	c			
24	50	18	37	43		50	$n_{2\,Eck}$	0.88	979	81.636
24	50	18	37	43		41	$n_{2\,th}$			
481	375	882	704	660			M_2			
2.0	2.3	1.1	1.4	1.4			c			
21	44	16	33	38			$n_{2\,Eck}$	0.61	961	92.413
21	44	16	32	38			$n_{2\,th}$			
542	422	994	793	743			M_2			
2.0	2.3	1.1	1.4	1.4			c			
19	39	14	29	34			$n_{2\,Eck}$	0.60	1082	104.127
19	39	14	29	34			$n_{2\,th}$			
590	460		864	810			M_2			
1.8	2.0		1.2	1.2			c			
17	36		27	31			$n_{2\,Eck}$	0.45	1040	113.206
17	36		27	31			$n_{2\,th}$			
665	519		973	912			M_2			
1.8	2.0		1.2	1.2			c			
15	32		24	28			$n_{2\,Eck}$	0.44	1171	127.556
15	32		24	28			$n_{2\,th}$			
							M_2			
							c			
							$n_{2\,Eck}$	0.28	1140	147.347
							$n_{2\,th}$			
							M_2			
							c			
							$n_{2\,Eck}$	0.27	1248	166.025
							$n_{2\,th}$			
							M_2			
							c			
							$n_{2\,Eck}$	0.19	1236	183.285
							$n_{2\,th}$			
							M_2			
							c			
							$n_{2\,Eck}$	0.19	1248	206.519
							$n_{2\,th}$			
							M_2			
							c			
							$n_{2\,Eck}$	0.18	1343	224.636
							$n_{2\,th}$			
							M_2			
							c			
							$n_{2\,Eck}$	0.18	1258	253.111
							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

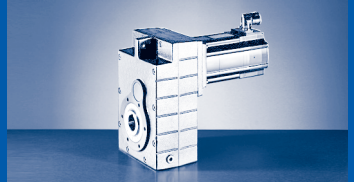
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
290.706	1378	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		324 3.7 14 14	408 3.0 14 14				
327.556	1258	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		368 3.0 12 12	463 2.4 12 12				
352.811	1378	0.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		396 3.1 12 11	498 2.5 12 11				
397.533	1258	0.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	218 5.0 10 10	449 2.5 10 10	564 2.0 10 10				
430.222	1270	0.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	237 4.7 9 9	487 2.3 9 9	611 1.9 9 9				
522.133	1270	0.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	291 3.8 8 8	593 1.9 8 8	744 1.5 8 8				
562.391	1128	0.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	315 3.2 7 7	641 1.6 7 7	804 1.3 7 7				
633.680	1220	0.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	356 3.0 6 6	723 1.5 6 6	906 1.2 6 6				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GFL07-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.11	1378	290.706
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.11	1258	327.556
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.08	1378	352.811
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.08	1258	397.533
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.10	1270	430.222
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.08	1270	522.133
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.07	1128	562.391
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.07	1220	633.680

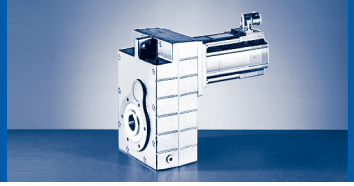
M ... [Nm]
n ... [r/min]
J ... [kgcm^2]
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2767$ Nm

GFL09-2S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
6.864	1207	41.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
7.466	1313	38.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
9.010	860	26.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
9.010	1336	26.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
9.799	935	25.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
9.799	1453	25.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
11.167	976	19.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										165 5.6 134 134
11.167	1516	19.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
12.307	2165	27.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
14.333	1368	20.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
14.333	2125	20.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
16.333	1427	15.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										241 5.6 92 92
16.333	2217	15.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2767$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL09-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
							257	185	331	205	M_2	41.30	1207	6.864
							4.5	5.0	3.6	4.5	c			
							208	437	197	437	$n_{2\,Eck}$			
							208	294	197	288	$n_{2\,th}$			
							279	201	360	223	M_2	38.70	1313	7.466
							4.5	5.0	3.6	4.5	c			
							191	402	181	402	$n_{2\,Eck}$			
							191	271	181	265	$n_{2\,th}$			
117	194	145	256	179							M_2	26.80	860	9.010
5.4	4.3	4.4	3.3	3.6							c			
358	167	358	150	358							$n_{2\,Eck}$			
259	166	249	150	238							$n_{2\,th}$			
					225	175	339	245	437	272	M_2	26.80	1336	9.010
					5.7	5.8	3.8	4.2	3.0	3.8	c			
					158	333	158	333	150	333	$n_{2\,Eck}$			
					158	245	158	245	150	241	$n_{2\,th}$			
127	211	158	279	194							M_2	25.30	935	9.799
5.4	4.3	4.4	3.3	3.6							c			
329	153	329	138	329							$n_{2\,Eck}$			
239	153	229	138	219							$n_{2\,th}$			
					244	190	369	267	475	295	M_2	25.30	1453	9.799
					5.7	5.8	3.8	4.2	3.0	3.8	c			
					145	306	145	306	138	306	$n_{2\,Eck}$			
					145	226	145	226	138	221	$n_{2\,th}$			
145	242	180	318	222							M_2	19.50	976	11.167
5.0	3.9	4.1	3.0	3.3							c			
289	134	289	121	289							$n_{2\,Eck}$			
225	134	216	121	207							$n_{2\,th}$			
					280	217	422	305	543	338	M_2	19.50	1516	11.167
					5.2	5.3	3.5	3.8	2.7	3.5	c			
					128	269	128	269	121	269	$n_{2\,Eck}$			
					128	198	128	198	121	198	$n_{2\,th}$			
							460	332	593	368	M_2	27.60	2165	12.307
							4.5	5.0	3.6	4.5	c			
							116	244	110	244	$n_{2\,Eck}$			
							116	164	110	161	$n_{2\,th}$			
186	309	231	407	284							M_2	20.00	1368	14.333
5.4	4.3	4.4	3.3	3.6							c			
225	105	225	94	225							$n_{2\,Eck}$			
163	105	156	94	150							$n_{2\,th}$			
					357	278	540	390	695	432	M_2	20.00	2125	14.333
					5.7	5.8	3.8	4.2	3.0	3.8	c			
					99	209	99	209	94	209	$n_{2\,Eck}$			
					99	154	99	154	94	151	$n_{2\,th}$			
213	354	264	466	325							M_2	15.50	1427	16.333
5.0	3.9	4.1	3.0	3.3							c			
198	92	198	83	198							$n_{2\,Eck}$			
154	92	147	83	141							$n_{2\,th}$			
					409	318	618	446	794	494	M_2	15.50	2217	16.333
					5.2	5.3	3.5	3.8	2.7	3.5	c			
					87	184	87	184	83	184	$n_{2\,Eck}$			
					87	135	87	135	83	135	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

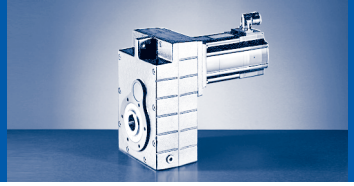
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2767$ Nm

GFL09-2S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
18.407	1608	14.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										272 5.6 82 81
18.407	2480	14.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
19.667	962	12.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			183 5.0 76 76	146 5.0 153 145	137 5.1 179 145	251 3.4 99 99	205 3.3 206 132			
19.667	1506	12.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										293 4.9 76 76
19.667	2339	12.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
22.164	1084	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			206 5.0 68 68	165 5.0 135 128	155 5.1 159 129	283 3.4 88 88	231 3.3 183 118			
22.164	1697	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										330 4.9 68 68
22.164	2612	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
24.111	1585	9.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										362 4.2 62 62
24.111	2463	9.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
27.173	1786	8.63	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										408 4.2 55 55
27.173	2767	8.63	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
32.667	1074	5.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			309 3.4 46 46	246 3.8 92 92	231 3.9 108 108	421 2.5 60 60	343 2.5 124 100			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2767$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL09-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
240	398	298	525	366							M_2	14.60	1608	18.407
5.0	3.9	4.1	3.0	3.3							c			
175	82	175	73	175							$n_{2\,Eck}$			
137	81	131	73	125							$n_{2\,th}$			
					462	359	696	503	895	557	M_2	14.60	2480	18.407
					5.1	5.3	3.5	3.8	2.7	3.4	c			
					77	163	77	163	73	163	$n_{2\,Eck}$			
					77	120	77	120	73	120	$n_{2\,th}$			
											M_2	12.10	962	19.667
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
258	428	320	563	393							M_2	12.10	1506	19.667
4.4	3.4	3.6	2.6	2.9							c			
164	76	164	69	164							$n_{2\,Eck}$			
141	76	135	69	129							$n_{2\,th}$			
					496	386	747	540	959	598	M_2	12.10	2339	19.667
					4.5	4.6	3.1	3.4	2.4	3.0	c			
					73	153	73	153	69	153	$n_{2\,Eck}$			
					72	112	72	112	69	112	$n_{2\,th}$			
											M_2	11.30	1084	22.164
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
291	482	360	634	443							M_2	11.30	1697	22.164
4.4	3.4	3.6	2.6	2.9							c			
146	68	146	61	146							$n_{2\,Eck}$			
125	68	119	61	114							$n_{2\,th}$			
					560	435	842	609	1081	674	M_2	11.30	2612	22.164
					4.5	4.6	3.0	3.3	2.4	3.0	c			
					64	135	64	135	61	135	$n_{2\,Eck}$			
					64	100	64	100	61	100	$n_{2\,th}$			
317	527	392	693	482							M_2	9.04	1585	24.111
4.3	3.0	3.5	2.3	2.8							c			
134	62	134	56	134							$n_{2\,Eck}$			
124	62	119	56	114							$n_{2\,th}$			
					613	473	920	662	1180	733	M_2	9.04	2463	24.111
					3.9	4.5	2.6	3.3	2.1	3.0	c			
					59	124	59	124	56	124	$n_{2\,Eck}$			
					59	92	59	92	56	92	$n_{2\,th}$			
357	594	442	781	543							M_2	8.63	1786	27.173
4.3	3.0	3.5	2.3	2.8							c			
119	55	119	50	119							$n_{2\,Eck}$			
110	55	105	50	101							$n_{2\,th}$			
					691	534	1037	747	1330	827	M_2	8.63	2767	27.173
					3.9	4.5	2.6	3.3	2.1	3.0	c			
					52	110	52	110	50	110	$n_{2\,Eck}$			
					52	81	52	81	50	81	$n_{2\,th}$			
											M_2	5.43	1074	32.667
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

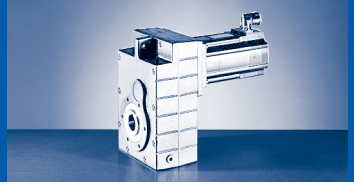
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2767$ Nm

GFL09-2S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
32.667	1678	5.43	M_2								277	225	495
			c								5.8	6.0	3.3
			$n_{2\,Eck}$								46	110	46
			$n_{2\,th}$								46	110	46
36.815	1211	5.21	M_2			348	277	260	475	387			
			c			3.4	3.8	3.9	2.5	2.5			
			$n_{2\,Eck}$			41	82	96	53	110			
			$n_{2\,th}$			41	81	96	53	89			
36.815	1891	5.21	M_2								313	254	558
			c								5.8	6.0	3.3
			$n_{2\,Eck}$								41	98	41
			$n_{2\,th}$								41	98	41
39.667	1118	4.07	M_2	202	158	377	301	282	513	418			
			c	5.3	5.5	2.9	3.3	3.3	2.2	2.2			
			$n_{2\,Eck}$	49	102	38	76	89	49	102			
			$n_{2\,th}$	49	102	38	76	89	49	95			
39.667	1743	4.07	M_2								340	276	604
			c								4.9	5.1	2.8
			$n_{2\,Eck}$								38	91	38
			$n_{2\,th}$								38	91	38
44.704	1260	3.92	M_2	228	178	425	339	318	579	471			
			c	5.3	5.5	2.9	3.3	3.3	2.2	2.2			
			$n_{2\,Eck}$	44	91	34	67	79	44	91			
			$n_{2\,th}$	44	91	34	67	79	44	84			
44.704	1965	3.92	M_2								383	311	681
			c								4.9	5.1	2.8
			$n_{2\,Eck}$								34	81	34
			$n_{2\,th}$								34	80	34
51.333	1160	2.59	M_2	265	207	491	392	367	667	544			
			c	4.2	4.4	2.3	2.6	2.7	1.7	1.7			
			$n_{2\,Eck}$	38	79	29	58	69	38	79			
			$n_{2\,th}$	38	79	29	58	69	38	78			
51.333	1808	2.59	M_2								444	362	786
			c								4.0	4.1	2.3
			$n_{2\,Eck}$								29	70	29
			$n_{2\,th}$								29	70	29
57.852	1307	2.50	M_2	298	233	554	442	414	752	613			
			c	4.2	4.4	2.3	2.6	2.7	1.7	1.7			
			$n_{2\,Eck}$	34	70	26	52	61	34	70			
			$n_{2\,th}$	34	70	26	52	61	34	69			
57.852	2038	2.50	M_2								501	407	886
			c								4.0	4.1	2.3
			$n_{2\,Eck}$								26	62	26
			$n_{2\,th}$								26	62	26
62.300	1174	1.89	M_2	324	253	599	478	448	812	662			
			c	3.5	3.7	1.9	2.2	2.2	1.4	1.4			
			$n_{2\,Eck}$	31	65	24	48	57	31	65			
			$n_{2\,th}$	31	65	24	48	57	31	65			
62.300	1829	1.89	M_2								543	442	958
			c								3.3	3.4	1.9
			$n_{2\,Eck}$								24	58	24
			$n_{2\,th}$								24	58	24

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2767$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL09-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
433	719	536	943	657							M_2	5.43	1678	32.667
3.3	2.3	2.7	1.8	2.2							c			
99	46	99	41	99							$n_{2\,Eck}$			
99	46	99	41	98							$n_{2\,th}$			
											M_2	5.21	1211	36.815
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
488	811	604	1063	741							M_2	5.21	1891	36.815
3.3	2.3	2.7	1.8	2.2							c			
88	41	88	37	88							$n_{2\,Eck}$			
88	41	88	37	87							$n_{2\,th}$			
											M_2	4.07	1118	39.667
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
529	876	653	1148	801							M_2	4.07	1743	39.667
2.9	2.0	2.3	1.5	1.9							c			
81	38	81	34	81							$n_{2\,Eck}$			
81	38	81	34	81							$n_{2\,th}$			
											M_2	3.92	1260	44.704
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
596	988	736	1294	902							M_2	3.92	1965	44.704
2.9	2.0	2.3	1.5	1.9							c			
72	34	72	30	72							$n_{2\,Eck}$			
72	34	72	30	72							$n_{2\,th}$			
											M_2	2.59	1160	51.333
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
688	1139	849	1491	1040							M_2	2.59	1808	51.333
2.3	1.6	1.9	1.2	1.5							c			
63	29	63	26	63							$n_{2\,Eck}$			
63	29	63	26	63							$n_{2\,th}$			
											M_2	2.50	1307	57.852
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
775	1283	957	1680	1172							M_2	2.50	2038	57.852
2.3	1.6	1.9	1.2	1.5							c			
56	26	56	23	56							$n_{2\,Eck}$			
56	26	56	23	56							$n_{2\,th}$			
											M_2	1.89	1174	62.300
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
838	1386	1034	1813	1266							M_2	1.89	1829	62.300
1.9	1.3	1.6	1.0	1.3							c			
52	24	52	22	52							$n_{2\,Eck}$			
52	24	52	22	52							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

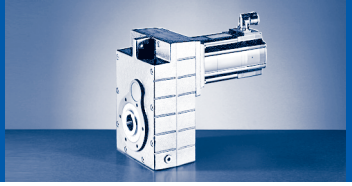
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 2767$ Nm

GFL09-2S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
70.211	1324	1.83	M_2	365	284	675	537	503	915	745			
			c	3.5	4.1	1.9	2.4	2.5	1.4	1.6			
			$n_{2\,Eck}$	28	58	21	43	50	28	58			
			$n_{2\,th}$	28	58	21	43	50	28	58			
70.211	2061	1.83	M_2								612	496	1080
			c								3.3	3.8	1.9
			$n_{2\,Eck}$								21	51	21
			$n_{2\,th}$								21	51	21
78.750	1190	1.25	M_2	412	321	760	605	567	1030	838			
			c	2.8	3.3	1.6	2.0	2.0	1.2	1.3			
			$n_{2\,Eck}$	25	51	19	38	45	25	51			
			$n_{2\,th}$	25	51	19	38	45	25	51			
88.750	1341	1.21	M_2	465	362	856	682	639	1161	944			
			c	2.8	3.3	1.6	2.0	2.0	1.2	1.3			
			$n_{2\,Eck}$	22	46	17	34	40	22	46			
			$n_{2\,th}$	22	46	17	34	40	22	46			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 2767$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL09-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.83	1324	70.211
943 2.1 46 46	1562 1.3 21 21	1163 1.7 46 46	2043 1.0 19 19	1425 1.4 46 46							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.83	2061	70.211
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	1190	78.750
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.21	1341	88.750

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

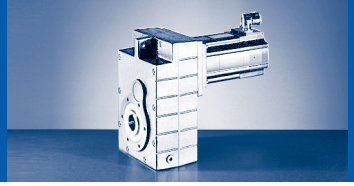
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3170$ Nm

GFL09-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42
63.326	1510	2.34	M_2						219	262	321	250	596
			c						5.4	4.5	4.5	4.7	2.5
			$n_{2\,Eck}$						64	64	31	64	24
			$n_{2\,th}$						64	64	31	64	24
73.173	1517	2.47	M_2						254	304	373	289	691
			c						5.2	4.4	4.0	4.6	2.2
			$n_{2\,Eck}$						55	55	27	55	21
			$n_{2\,th}$						55	55	27	55	21
82.465	1710	2.43	M_2						286	342	420	326	778
			c						5.2	4.4	4.0	4.6	2.2
			$n_{2\,Eck}$						49	49	24	49	18
			$n_{2\,th}$						49	49	24	49	18
93.333	1692	1.68	M_2					263	326	390	478	372	884
			c					5.7	4.5	3.8	3.5	4.0	1.9
			$n_{2\,Eck}$					40	43	43	21	43	16
			$n_{2\,th}$					40	43	43	21	43	16
105.185	1907	1.65	M_2					296	368	439	539	419	996
			c					5.7	4.5	3.8	3.5	4.0	1.9
			$n_{2\,Eck}$					36	39	39	19	39	14
			$n_{2\,th}$					36	39	39	19	39	14
114.333	1847	1.23	M_2					324	402	479	588	457	1085
			c					5.1	4.0	3.4	3.1	3.6	1.7
			$n_{2\,Eck}$					33	35	35	17	35	13
			$n_{2\,th}$					33	35	35	17	35	13
128.852	2082	1.21	M_2					366	453	540	663	515	1223
			c					5.1	4.0	3.4	3.1	3.6	1.7
			$n_{2\,Eck}$					29	31	31	15	31	12
			$n_{2\,th}$					29	31	31	15	31	12
148.815	2053	0.77	M_2				311	426	527	627	769	598	1416
			c				5.7	4.3	3.4	2.9	2.6	3.0	1.4
			$n_{2\,Eck}$				27	25	27	27	13	27	10
			$n_{2\,th}$				27	25	27	27	13	27	10
167.712	2314	0.76	M_2				351	480	594	707	867	674	1595
			c				5.7	4.3	3.4	2.9	2.6	3.0	1.4
			$n_{2\,Eck}$				24	22	24	24	12	24	9
			$n_{2\,th}$				24	22	24	24	12	24	9
185.111	1724	0.55	M_2			252							
			c			5.9							
			$n_{2\,Eck}$			22							
			$n_{2\,th}$			22							
185.111	2232	0.55	M_2				390	532	658	783	960	748	1764
			c				5.0	3.8	3.0	2.5	2.3	2.7	1.3
			$n_{2\,Eck}$				22	20	22	22	11	22	8
			$n_{2\,th}$				22	20	22	22	11	22	8
208.617	1943	0.54	M_2			284							
			c			5.9							
			$n_{2\,Eck}$			19							
			$n_{2\,th}$			19							
208.617	2515	0.54	M_2				440	600	742	883	1082	842	1988
			c				5.0	3.8	3.0	2.5	2.3	2.7	1.3
			$n_{2\,Eck}$				19	18	19	19	9	19	7
			$n_{2\,th}$				19	18	19	19	9	19	7

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3170$ Nm

12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC32	GFL09-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
8.00	7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	21.00	M_1	J_G	$M_{2\,GN}$	i
3000	3525	1950	4050	1500	3600	1500	3225	1500	3225	3225	n_1			
10.5		11.8									$I_{M\,230}$			
	5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	15.6	$I_{M\,400}$			
2.50	2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	7.10	P_N			
7.42	7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.82	J_M			
475	445	810	660	547	445	963	842	1391	1038	1270	M_2			
2.8	2.8	1.9	1.9	2.7	2.8	1.6	1.6	1.1	1.3	1.1	c			
47	56	31	64	24	57	24	51	24	51	51	$n_{2\,Eck}$	2.34	1510	63.326
47	56	31	64	24	57	24	51	24	51	51	$n_{2\,th}$			
549	515	938	763	634	515	1115	974		1200	1468	M_2			
2.7	2.7	1.6	1.8	2.4	2.7	1.4	1.5		1.2	1.0	c			
41	48	27	55	21	49	21	44		44	44	$n_{2\,Eck}$	2.47	1517	73.173
41	48	27	49	21	49	21	44		41	37	$n_{2\,th}$			
619	580	1057	860	715	580	1256	1097		1352	1655	M_2			
2.7	2.7	1.6	1.8	2.4	2.7	1.4	1.5		1.2	1.0	c			
36	43	24	49	18	44	18	39		39	39	$n_{2\,Eck}$	2.43	1710	82.465
36	43	24	44	18	44	18	39		36	33	$n_{2\,th}$			
703	659	1199	975	811	659	1424	1245		1533		M_2			
2.4	2.4	1.4	1.6	2.1	2.4	1.2	1.3		1.1		c			
32	38	21	43	16	39	16	35		35		$n_{2\,Eck}$	1.68	1692	93.333
32	38	21	41	16	38	16	35		35		$n_{2\,th}$			
793	743	1351	1099	915	743	1605	1403		1728		M_2			
2.4	2.4	1.4	1.6	2.1	2.4	1.2	1.3		1.1		c			
29	34	19	39	14	34	14	31		31		$n_{2\,Eck}$	1.65	1907	105.185
29	34	19	36	14	34	14	31		31		$n_{2\,th}$			
864	810	1471	1197	996	810	1747	1527				M_2			
2.1	2.1	1.3	1.4	1.8	2.1	1.1	1.2				c			
26	31	17	35	13	32	13	28				$n_{2\,Eck}$	1.23	1847	114.333
26	31	17	35	13	31	13	28				$n_{2\,th}$			
974	913	1658	1349	1123	913	1969	1721				M_2			
2.1	2.1	1.3	1.4	1.8	2.1	1.1	1.2				c			
23	27	15	31	12	28	12	25				$n_{2\,Eck}$	1.21	2082	128.852
23	27	15	31	12	28	12	25				$n_{2\,th}$			
1128	1057	1919	1561								M_2			
1.8	1.8	1.1	1.2								c			
20	24	13	27								$n_{2\,Eck}$	0.77	2053	148.815
20	24	13	27								$n_{2\,th}$			
1271	1192	2162	1760								M_2			
1.8	1.8	1.1	1.2								c			
18	21	12	24								$n_{2\,Eck}$	0.76	2314	167.712
18	21	12	24								$n_{2\,th}$			
											M_2			
											c			
											$n_{2\,Eck}$	0.55	1724	185.111
											$n_{2\,th}$			
1407	1319		1945								M_2			
1.6	1.6		1.0								c			
16	19		22								$n_{2\,Eck}$	0.55	2232	185.111
16	19		22								$n_{2\,th}$			
											M_2			
											c			
											$n_{2\,Eck}$	0.54	1943	208.617
											$n_{2\,th}$			
1585	1486		2192								M_2			
1.6	1.6		1.0								c			
14	17		19								$n_{2\,Eck}$	0.54	2515	208.617
14	17		19								$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

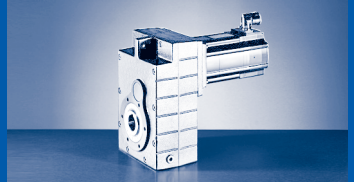
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3170$ Nm

GFL09-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42
224.778	2093	0.51	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			306 5.9 18 18							
224.778	2407	0.51	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				476 4.4 18 18	650 3.4 17 17	802 2.7 18 18	954 2.3 18 18	1169 2.0 9 9	911 2.4 18 18	2145 1.1 7 7
253.321	2359	0.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			345 5.9 16 16							
253.321	2712	0.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				537 4.4 16 16	732 3.4 15 15	904 2.7 16 16	1075 2.3 16 16	1317 2.0 8 8	1026 2.4 16 16	2418 1.1 6 6
290.889	2172	0.31	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		317 5.9 14 14	401 4.7 14 14							
290.889	2640	0.31	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				621 3.7 14 14	845 2.8 13 13	1042 2.3 14 14	1239 1.9 14 14			
327.827	2447	0.31	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		357 5.9 12 12	452 4.7 12 12							
327.827	2976	0.31	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				700 3.7 12 12	952 2.8 11 11	1175 2.3 12 12	1396 1.9 12 12			
353.033	2197	0.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		388 4.9 12 11	491 3.9 12 11							
353.033	2813	0.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				757 3.3 12 11	1030 2.5 11 11	1269 2.0 12 11	1507 1.7 12 11			
397.863	2476	0.22	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		438 4.9 10 10	553 3.9 10 10							
397.863	3170	0.22	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				854 3.3 10 10	1160 2.5 9 9	1430 2.0 10 10	1699 1.7 10 10			
424.247	2724	0.29	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		466 5.1 10 10	589 4.1 10 10	916 2.6 10 10	1244 2.0 9 9	1531 1.6 10 10	1818 1.4 10 10			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3170$ Nm

12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC32	GFL09-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
8.00	7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	21.00	M_1	J_G	$M_{2\,GN}$	i
3000	3525	1950	4050	1500	3600	1500	3225	1500	3225	3225	n_1			
10.5		11.8									$I_{M\,230}$			
	5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	15.6	$I_{M\,400}$			
2.50	2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	7.10	P_N			
7.42	7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.82	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.51	2093	224.778
1711 1.4 13 13	1604 1.4 16 16										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.51	2407	224.778
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.50	2359	253.321
1929 1.4 12 12	1808 1.4 14 14										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.50	2712	253.321
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.31	2172	290.889
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.31	2640	290.889
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.31	2447	327.827
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.31	2976	327.827
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.23	2197	353.033
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.23	2813	353.033
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.22	2476	397.863
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.22	3170	397.863
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.29	2724	424.247

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

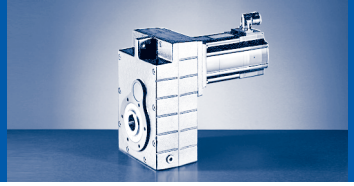
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3170$ Nm

GFL09-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42
514.881	2724	0.21	M_2		571	720	1118	1515	1864	2212			
			c		4.2	3.3	2.2	1.7	1.3	1.1			
			$n_{2\,Eck}$		8	8	8	7	8	8			
			$n_{2\,th}$		8	8	8	7	8	8			
554.470	2113	0.20	M_2		623	783	1211	1639					
			c		3.0	2.4	1.6	1.2					
			$n_{2\,Eck}$		7	7	7	7					
			$n_{2\,th}$		7	7	7	7					
624.879	2273	0.20	M_2	341	703	884	1366	1849					
			c	5.7	2.9	2.3	1.5	1.1					
			$n_{2\,Eck}$	7	7	7	7	6					
			$n_{2\,th}$	6	6	6	6	6					
700.875	2113	0.13	M_2	386	792	995							
			c	4.8	2.4	1.9							
			$n_{2\,Eck}$	6	6	6							
			$n_{2\,th}$	6	6	6							
789.875	2273	0.13	M_2	436	894	1123							
			c	4.5	2.3	1.8							
			$n_{2\,Eck}$	5	5	5							
			$n_{2\,th}$	5	5	5							

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3170$ Nm

12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC32	GFL09-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
8.00	7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	21.00	M_1	J_G	$M_{2\,GN}$	i
3000	3525	1950	4050	1500	3600	1500	3225	1500	3225	3225	n_1			
10.5		11.8									$I_{M\,230}$			
	5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	15.6	$I_{M\,400}$			
2.50	2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	7.10	P_N			
7.42	7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.82	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.21	2724	514.881
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.20	2113	554.470
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.20	2273	624.879
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.13	2113	700.875
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.13	2273	789.875

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

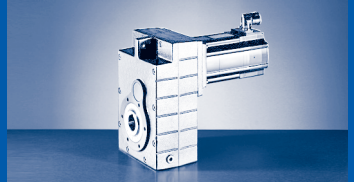
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3833$ Nm

GFL11-2S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	9.20	7.50	16.00	14.00	23.00	17.20	30.00
			n_1	1500	3600	1500	3225	1500	3225	1350
			$I_{M\,400}$	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
6.864	1502	124.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
7.466	1634	116.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
9.010	1663	79.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
9.799	1808	74.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
10.720	1872	65.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
12.480	2732	81.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
14.538	2683	58.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
15.904	2778	51.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
17.920	3130	48.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
20.286	1921	36.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				263 5.4 159 115	438 4.2 74 74	327 4.4 159 111	577 3.3 67 67
20.286	2984	36.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
22.857	2165	34.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				296 5.4 141 102	493 4.2 66 66	368 4.4 141 98	650 3.3 59 59
22.857	3362	34.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3833$ Nm

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL11-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1425	3000	1425	3000	1350	3000	n_1			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
			254		328	203	M_2	124.00	1502	6.864
			5.6		4.4	5.6	c			
			208		197	437	$n_{2\,Eck}$			
			208		197	253	$n_{2\,th}$			
			276		356	221	M_2	116.00	1634	7.466
			5.6		4.4	5.6	c			
			191		181	402	$n_{2\,Eck}$			
			191		181	233	$n_{2\,th}$			
			336	243	433	269	M_2	79.60	1663	9.010
			4.8	5.2	3.7	4.7	c			
			158	333	150	333	$n_{2\,Eck}$			
			158	221	150	216	$n_{2\,th}$			
			366	264	471	293	M_2	74.80	1808	9.799
			4.8	5.2	3.7	4.7	c			
			145	306	138	306	$n_{2\,Eck}$			
			145	203	138	199	$n_{2\,th}$			
			401	289	517	321	M_2	65.00	1872	10.720
			4.5	4.9	3.5	4.5	c			
			133	280	126	280	$n_{2\,Eck}$			
			133	189	126	185	$n_{2\,th}$			
			461		596	369	M_2	81.50	2732	12.480
			5.6		4.4	5.6	c			
			114		108	240	$n_{2\,Eck}$			
			114		108	139	$n_{2\,th}$			
			542	391	699	434	M_2	58.40	2683	14.538
			4.8	5.2	3.7	4.7	c			
			98	206	93	206	$n_{2\,Eck}$			
			98	137	93	134	$n_{2\,th}$			
			595	429	766	476	M_2	51.30	2778	15.904
			4.5	4.9	3.5	4.5	c			
			90	189	85	189	$n_{2\,Eck}$			
			90	127	85	125	$n_{2\,th}$			
			670	484	864	536	M_2	48.30	3130	17.920
			4.5	4.9	3.5	4.5	c			
			80	167	75	167	$n_{2\,Eck}$			
			80	113	75	111	$n_{2\,th}$			
402							M_2	36.10	1921	20.286
3.6							c			
159							$n_{2\,Eck}$			
106							$n_{2\,th}$			
	506	393	765	552	983	612	M_2	36.10	2984	20.286
	5.6	5.7	3.8	4.2	3.0	3.8	c			
	70	148	70	148	67	148	$n_{2\,Eck}$			
	70	109	70	109	67	107	$n_{2\,th}$			
453							M_2	34.30	2165	22.857
3.6							c			
141							$n_{2\,Eck}$			
94							$n_{2\,th}$			
	570	443	862	622	1108	689	M_2	34.30	3362	22.857
	5.6	5.7	3.8	4.2	3.0	3.8	c			
	62	131	62	131	59	131	$n_{2\,Eck}$			
	62	97	62	97	59	95	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

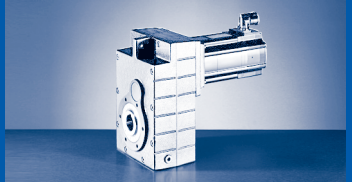
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3833$ Nm

GFL11-2S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	9.20	7.50	16.00	14.00	23.00	17.20	30.00
			n_1	1500	3600	1500	3225	1500	3225	1350
			$I_{M\,400}$	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
24.850	3142	26.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
28.000	3540	25.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
32.739	2135	17.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			491 4.2 46 46	430 4.2 99 91	716 2.9 46 46	533 3.4 99 88	941 2.2 41 41
32.739	3319	17.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
36.889	2406	16.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			554 4.2 41 41	484 4.2 87 81	807 2.9 41 41	600 3.4 87 78	1060 2.2 37 37
36.889	3740	16.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
40.233	2189	12.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			608 3.5 37 37	532 3.5 80 80	885 2.4 37 37	658 2.9 80 80	1161 1.9 34 34
40.233	3402	12.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
45.333	2467	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			686 3.5 33 33	600 3.5 71 71	997 2.4 33 33	742 2.9 71 71	1308 1.9 30 30
45.333	3833	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
52.067	2270	8.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	446 4.9 29 29	363 5.1 69 69	793 2.8 29 29	694 2.8 62 62	1150 2.0 29 29	857 2.3 62 62	1508 1.5 26 26
58.667	2557	7.81	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	503 4.9 26 26	409 5.1 61 61	894 2.8 26 26	782 2.8 55 55	1296 2.0 26 26	966 2.3 55 55	1699 1.5 23 23
63.190	2297	5.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	546 4.1 24 24	444 4.2 57 57	967 2.3 24 24	846 2.4 51 51	1401 1.6 24 24	1045 1.9 51 51	1835 1.3 21 21

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3833$ Nm

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL11-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1425	3000	1425	3000	1350	3000	n_1			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
	625 4.8 57 121 57	482 5.6 121 89	942 3.3 57 57	677 4.1 121 89	1210 2.6 54 54	750 3.7 121 89	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	26.90	3142	24.850
	705 4.8 51 51	543 5.6 107 79	1061 3.3 51 51	763 4.1 107 79	1363 2.6 48 48	845 3.7 107 79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	25.70	3540	28.000
655 2.8 99 84							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.10	2135	32.739
	832 3.9 44 44	643 4.5 92 68	1249 2.6 44 44	900 3.3 92 68	1602 2.1 41 41	996 3.0 92 68	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.10	3319	32.739
738 2.8 87 75							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	16.50	2406	36.889
	938 3.9 39 39	725 4.5 81 60	1408 2.6 39 39	1014 3.3 81 60	1806 2.1 37 37	1122 3.0 81 60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	16.50	3740	36.889
808 2.4 80 77							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.60	2189	40.233
	1030 3.2 35 35	797 3.7 75 55	1542 2.2 35 35	1112 2.7 75 55	1976 1.7 34 34	1230 2.5 75 55	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.60	3402	40.233
911 2.4 71 68							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.20	2467	45.333
	1160 3.2 31 31	898 3.7 66 49	1738 2.2 31 31	1253 2.7 66 49	2227 1.7 30 30	1386 2.5 66 49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.20	3833	45.333
1051 1.9 62 62							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.08	2270	52.067
1184 1.9 55 55							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.81	2557	58.667
1280 1.6 51 51							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.90	2297	63.190

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

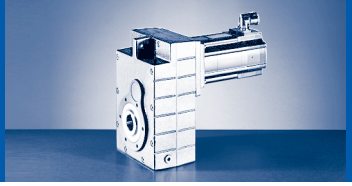
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3833$ Nm

GFL11-2S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	9.20	7.50	16.00	14.00	23.00	17.20	30.00
			n_1	1500	3600	1500	3225	1500	3225	1350
			$I_{M\,400}$	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
71.200	2588	5.72	M_2	615	498	1090	951	1579	1174	2067
			c	4.1	4.7	2.3	2.6	1.6	2.1	1.3
			$n_{2\,Eck}$	21	51	21	45	21	45	19
			$n_{2\,th}$	21	50	21	45	21	45	19
79.875	2325	3.87	M_2	696	565	1229	1073	1777	1323	2325
			c	3.3	3.8	1.9	2.1	1.3	1.7	1.0
			$n_{2\,Eck}$	19	45	19	40	19	40	17
			$n_{2\,th}$	19	45	19	40	19	40	17
90.000	2620	3.76	M_2	785	636	1385	1209	2002	1491	2620
			c	3.3	3.8	1.9	2.1	1.3	1.7	1.0
			$n_{2\,Eck}$	17	40	17	36	17	36	15
			$n_{2\,th}$	17	40	17	36	17	36	15

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3833$ Nm

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL11-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1425	3000	1425	3000	1350	3000	n_1			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
1440							M_2	5.72	2588	71.200
1.7							c			
45							$n_{2\,Eck}$			
45							$n_{2\,th}$			
1621							M_2	3.87	2325	79.875
1.4							c			
40							$n_{2\,Eck}$			
40							$n_{2\,th}$			
1826							M_2	3.76	2620	90.000
1.4							c			
36							$n_{2\,Eck}$			
36							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

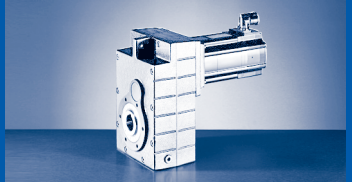
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5950$ Nm

GFL11-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
65.306	2503	6.97	M_2							604	478	448	825	670	
			c							4.0	5.0	5.1	3.0	3.3	
			$n_{2\,Eck}$							23	46	54	30	62	
			$n_{2\,th}$							23	46	54	30	62	
65.306	2891	6.97	M_2												550
			c												5.0
			$n_{2\,Eck}$												23
			$n_{2\,th}$												23
73.335	2875	7.84	M_2							678	536	503	926	752	621
			c							4.1	5.1	5.2	3.0	3.4	4.5
			$n_{2\,Eck}$							21	41	48	27	55	21
			$n_{2\,th}$							20	41	48	27	48	20
82.631	3240	7.71	M_2							764	604	566	1043	847	700
			c							4.1	5.1	5.2	3.0	3.4	4.5
			$n_{2\,Eck}$							18	36	43	24	49	18
			$n_{2\,th}$							18	36	43	24	43	18
93.540	3206	5.05	M_2							870	689	646	1186	963	797
			c							3.6	4.5	4.5	2.7	3.0	3.9
			$n_{2\,Eck}$							16	32	38	21	43	16
			$n_{2\,th}$							16	32	38	21	43	16
105.397	3613	4.97	M_2							980	776	728	1336	1085	899
			c							3.6	4.5	4.5	2.7	3.0	3.9
			$n_{2\,Eck}$							14	29	34	19	38	14
			$n_{2\,th}$							14	28	33	19	38	14
114.586	3501	3.71	M_2					572		1070	849	795	1457	1184	981
			c					5.8		3.2	4.0	4.0	2.4	2.6	3.5
			$n_{2\,Eck}$					17		13	26	31	17	35	13
			$n_{2\,th}$					17		13	26	31	17	35	13
129.111	3945	3.66	M_2					644		1206	956	896	1642	1334	1106
			c					5.8		3.2	4.0	4.0	2.4	2.6	3.5
			$n_{2\,Eck}$					15		12	23	27	15	31	12
			$n_{2\,th}$					15		12	23	27	15	31	12
149.144	3063	2.30	M_2			518	619								
			c			5.1	4.3								
			$n_{2\,Eck}$			27	27								
			$n_{2\,th}$			27	27								
149.144	3894	2.30	M_2					751	582	1399	1111	1042	1904	1547	1284
			c					5.0	5.8	2.7	3.4	3.5	2.0	2.3	3.0
			$n_{2\,Eck}$					13	27	10	20	24	13	27	10
			$n_{2\,th}$					13	27	10	20	24	13	27	10
168.049	3451	2.27	M_2			584	698								
			c			5.1	4.3								
			$n_{2\,Eck}$			24	24								
			$n_{2\,th}$			24	24								
168.049	4387	2.27	M_2					847	656	1577	1252	1174	2145	1744	1447
			c					5.0	5.8	2.7	3.4	3.5	2.0	2.3	3.0
			$n_{2\,Eck}$					12	24	9	18	21	12	24	9
			$n_{2\,th}$					12	24	9	18	21	12	24	9
182.792	3211	1.66	M_2		516	640	764								
			c		5.5	4.4	3.7								
			$n_{2\,Eck}$		21	22	22								
			$n_{2\,th}$		21	22	22								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5950$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC30	GFL11-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	3000	n_1			
												$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.04	J_M			
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.97	2503	65.306
445 5.8 55 55	979 2.9 23 23	853 3.2 49 49	1420 2.0 23 23	1055 2.6 49 49	1862 1.5 21 21	1295 2.2 49 49						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.97	2891	65.306
503 5.2 49 49	1103 2.6 21 20	962 2.9 44 44	1599 1.8 21 20	1189 2.3 44 44	2094 1.4 18 18	1458 1.9 44 42	1882 1.5 19 19	1457 2.0 41 30	2803 1.0 19 19	2024 1.4 41 30	2236 1.3 41 30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.84	2875	73.335
567 5.2 44 43	1243 2.6 18 18	1084 2.9 39 39	1801 1.8 18 18	1339 2.3 39 39	2360 1.4 16 16	1643 1.9 39 37	2121 1.5 17 17	1642 2.0 36 27	3158 1.0 17 17	2280 1.4 36 27	2520 1.3 36 27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.71	3240	82.631
646 4.5 39 38	1412 2.2 16 16	1232 2.5 35 34	2044 1.6 16 16	1521 2.0 35 34	2676 1.2 14 14	1864 1.7 35 34						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.05	3206	93.540
728 4.5 34 34	1591 2.2 14 14	1388 2.5 31 31	2303 1.6 14 14	1714 2.0 31 31	3016 1.2 13 13	2100 1.7 31 31						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.97	3613	105.397
795 4.0 31 31	1734 2.0 13 13	1513 2.2 28 28	2508 1.4 13 13	1867 1.8 28 28	3283 1.1 12 12	2288 1.5 28 28						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.71	3501	114.586
896 4.0 28 28	1954 2.0 12 12	1705 2.2 25 25	2826 1.4 12 12	2104 1.8 25 25	3699 1.1 11 10	2578 1.5 25 25						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.66	3945	129.111
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.30	3063	149.144
1042 3.4 24 24	2264 1.7 10 10	1977 1.9 22 22	3272 1.2 10 10	2437 1.6 22 22		2985 1.3 22 22						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.30	3894	149.144
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.27	3451	168.049
1174 3.4 21 21	2551 1.7 9 9	2227 1.9 19 19	3687 1.2 9 9	2746 1.6 19 19		3363 1.3 19 19						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.27	4387	168.049
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	3211	182.792

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

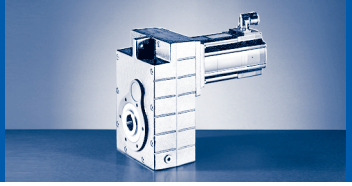
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5950$ Nm

GFL11-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
182.792	4131	1.66	M_2					928	720	1722	1369	1283	2340	1903	
			c					4.3	5.0	2.4	3.0	3.0	1.8	2.0	
			$n_{2\,Eck}$					11	22	8	16	19	11	22	
			$n_{2\,th}$					11	22	8	16	19	11	22	
182.792	4233	1.66	M_2												1580
			c												2.6
			$n_{2\,Eck}$												8
			$n_{2\,th}$												8
205.963	3618	1.64	M_2		581	722	861								
			c		5.5	4.4	3.7								
			$n_{2\,Eck}$		18	20	20								
			$n_{2\,th}$		18	20	20								
205.963	4655	1.64	M_2					1045	811	1940	1542	1446	2636	2144	
			c					4.3	5.0	2.4	3.0	3.0	1.8	2.0	
			$n_{2\,Eck}$					10	20	7	15	17	10	20	
			$n_{2\,th}$					9	20	7	15	17	9	20	
205.963	4769	1.64	M_2												1780
			c												2.6
			$n_{2\,Eck}$												7
			$n_{2\,th}$												7
224.636	3946	1.52	M_2		634	787	939								
			c		5.5	4.4	3.7								
			$n_{2\,Eck}$		17	18	18								
			$n_{2\,th}$		17	18	18								
224.636	4523	1.52	M_2					1146	890	2122	1688	1582	2881	2343	1948
			c					3.8	4.4	2.1	2.6	2.7	1.6	1.7	2.3
			$n_{2\,Eck}$					9	18	7	13	16	9	18	7
			$n_{2\,th}$					9	18	7	13	16	9	18	7
253.111	4446	1.50	M_2		715	887	1058								
			c		5.5	4.4	3.7								
			$n_{2\,Eck}$		15	16	16								
			$n_{2\,th}$		15	16	16								
253.111	5097	1.50	M_2					1291	1003	2391	1902	1783	3246	2640	2195
			c					3.8	4.4	2.1	2.6	2.7	1.6	1.7	2.3
			$n_{2\,Eck}$					8	16	6	12	14	8	16	6
			$n_{2\,th}$					8	16	6	12	14	8	16	6
267.259	5106	1.87	M_2		750	932	1113	1366	1061	2527	2011	1885	3431	2791	2321
			c		6.0	4.8	4.0	3.6	4.2	2.0	2.5	2.5	1.5	1.6	2.2
			$n_{2\,Eck}$		14	15	15	7	15	6	11	13	7	15	6
			$n_{2\,th}$		14	15	15	7	15	6	11	13	7	15	6
327.556	5523	1.37	M_2		927	1150	1371	1682	1308	3105	2473	2318	4212	3427	2852
			c		5.3	4.2	3.6	3.2	3.7	1.8	2.2	2.2	1.3	1.5	1.9
			$n_{2\,Eck}$		12	12	12	6	12	5	9	11	6	12	5
			$n_{2\,th}$		11	12	12	6	12	5	9	11	6	12	5
358.077	4103	0.68	M_2	756	1032	1275	1517								
			c	4.7	3.6	2.9	2.4								
			$n_{2\,Eck}$	11	11	11	11								
			$n_{2\,th}$	11	10	11	11								
358.077	5280	0.68	M_2					1847	1437	3403	2711	2541	4613	3754	
			c					2.8	3.3	1.5	1.9	2.0	1.1	1.3	
			$n_{2\,Eck}$					6	11	4	8	10	6	11	
			$n_{2\,th}$					5	11	4	8	10	5	11	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5950$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC30	GFL11-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	3000	n_1			
												$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.04	J_M			
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	4131	182.792
1282 3.0 20 20	2780 1.5 8 8	2428 1.7 18 18	4016 1.1 8 8	2993 1.4 18 18		3664 1.1 18 18						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	4233	182.792
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.64	3618	205.963
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.64	4655	205.963
1445 3.0 18 17	3132 1.5 7 7	2736 1.7 16 16	4525 1.1 7 7	3372 1.4 16 16		4128 1.1 16 16						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.64	4769	205.963
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.52	3946	224.636
1582 2.6 16 16	3423 1.3 7 7	2991 1.5 14 14		3685 1.2 14 14								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.52	4523	224.636
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.50	4446	253.111
1783 2.6 14 14	3857 1.3 6 6	3370 1.5 13 13		4152 1.2 13 13								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.50	5097	253.111
1885 2.5 14 13	4076 1.3 6 6	3561 1.4 12 12		4387 1.1 12 12								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.87	5106	267.259
2318 2.2 11 11	5003 1.1 5 5	4372 1.2 10 10		5384 1.0 10 10								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.37	5523	327.556
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.68	4103	358.077
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.68	5280	358.077

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

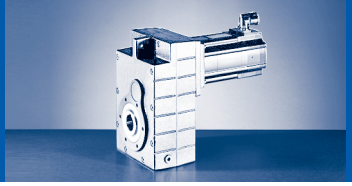
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5950$ Nm

GFL11-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
403.467	4623	0.67	M_2	852	1163	1437	1710								
			c	4.7	3.6	2.9	2.4								
			$n_{2\,Eck}$	10	9	10	10								
			$n_{2\,th}$	10	9	10	10								
403.467	5950	0.67	M_2					2081	1619	3834	3055	2863	5198	4229	
			c					2.8	3.3	1.5	1.9	2.0	1.1	1.3	
			$n_{2\,Eck}$					5	10	4	7	9	5	10	
			$n_{2\,th}$					5	10	4	7	9	5	10	
430.222	5912	0.85	M_2	900	1230	1523	1814								
			c	5.7	4.3	3.4	2.9								
			$n_{2\,Eck}$	9	9	9	9								
			$n_{2\,th}$	9	9	9	9								
430.222	5942	0.85	M_2					2223	1730	4092	3261	3057	5546	4514	
			c					2.6	3.0	1.5	1.8	1.8	1.1	1.2	
			$n_{2\,Eck}$					5	9	4	7	8	5	9	
			$n_{2\,th}$					5	9	3	7	8	5	9	
522.133	5942	0.62	M_2	1103	1505	1860	2213	2711	2112	4980	3972	3723			
			c	4.7	3.6	2.8	2.4	2.2	2.5	1.2	1.5	1.5			
			$n_{2\,Eck}$	8	7	8	8	4	8	3	6	7			
			$n_{2\,th}$	8	7	8	8	4	8	3	6	7			
562.391	5319	0.60	M_2	1199	1632	2013	2394	2931	2285		4289	4020			
			c	3.9	3.0	2.4	2.0	1.8	2.1		1.2	1.3			
			$n_{2\,Eck}$	7	7	7	7	4	7		5	6			
			$n_{2\,th}$	7	7	7	7	3	7		5	6			
633.680	5844	0.60	M_2	1352	1840	2270	2698	3304	2576		4834	4532			
			c	3.8	2.9	2.3	1.9	1.8	2.0		1.2	1.2			
			$n_{2\,Eck}$	6	6	6	6	3	6		5	6			
			$n_{2\,th}$	6	6	6	6	3	6		5	6			
710.888	5319	0.39	M_2	1529	2076	2558	3039								
			c	3.1	2.4	1.9	1.6								
			$n_{2\,Eck}$	6	5	6	6								
			$n_{2\,th}$	6	5	6	6								
801.000	5844	0.38	M_2	1724	2341	2884	3425								
			c	3.0	2.3	1.8	1.5								
			$n_{2\,Eck}$	5	5	5	5								
			$n_{2\,th}$	5	5	5	5								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5950$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC30	GFL11-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	3000	n_1			
												$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.04	J_M			
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.67	4623	403.467
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.67	5950	403.467
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.85	5912	430.222
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.85	5942	430.222
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.62	5942	522.133
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.60	5319	562.391
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.60	5844	633.680
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.39	5319	710.888
												M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.38	5844	801.000

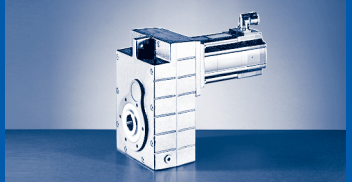
M ... [Nm]
n ... [r/min]
J ... [kgcm²]
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 4971$ Nm

GFL14-2S				19FC14	19FC30	19JC14	19JC30	19PC14	19PC30
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	27.00	21.00	40.00	29.00	51.00	32.00
			n_1	1425	3000	1425	3000	1350	3000
			$I_{M\,400}$	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
8.800	2033	247.00	M_2			324		419	259
			c			6.0		4.7	5.9
			$n_{2\,Eck}$			162		153	341
			$n_{2\,th}$			162		153	194
9.571	2211	232.00	M_2			352		456	282
			c			6.0		4.7	5.9
			$n_{2\,Eck}$			149		141	313
			$n_{2\,th}$			149		141	178
14.200	3280	625.00	M_2			523		676	419
			c			6.0		4.7	5.9
			$n_{2\,Eck}$			100		95	211
			$n_{2\,th}$			100		95	120
15.620	3389	156.00	M_2			578		746	462
			c			5.6		4.4	5.6
			$n_{2\,Eck}$			91		86	192
			$n_{2\,th}$			91		86	111
17.600	3818	146.00	M_2			651		840	521
			c			5.6		4.4	5.6
			$n_{2\,Eck}$			81		77	171
			$n_{2\,th}$			81		77	99
19.948	3646	111.00	M_2			745	537	960	596
			c			4.7	5.2	3.7	4.7
			$n_{2\,Eck}$			71	150	68	150
			$n_{2\,th}$			71	99	68	97
22.476	4108	105.00	M_2			839	605	1081	671
			c			4.7	5.2	3.7	4.7
			$n_{2\,Eck}$			63	134	60	134
			$n_{2\,th}$			63	88	60	86
24.456	3842	83.20	M_2	608		919	659	1183	731
			c	6.0		4.1	5.0	3.2	4.6
			$n_{2\,Eck}$	58		58	123	55	123
			$n_{2\,th}$	58		58	90	55	89
27.556	4328	79.40	M_2	685		1036	743	1333	824
			c	6.0		4.1	5.0	3.2	4.6
			$n_{2\,Eck}$	52		52	109	49	109
			$n_{2\,th}$	52		52	80	49	79
32.344	4045	52.90	M_2	814	628	1227	882	1575	977
			c	4.8	5.5	3.2	4.0	2.5	3.6
			$n_{2\,Eck}$	44	93	44	93	42	93
			$n_{2\,th}$	44	68	44	68	42	68
36.444	4558	50.70	M_2	918	708	1382	994	1775	1101
			c	4.8	5.5	3.2	4.0	2.5	3.6
			$n_{2\,Eck}$	39	82	39	82	37	82
			$n_{2\,th}$	39	61	39	61	37	61
39.642	4238	38.00	M_2	1005	777	1511	1087	1938	1204
			c	4.1	4.7	2.8	3.4	2.2	3.1
			$n_{2\,Eck}$	36	76	36	76	34	76
			$n_{2\,th}$	36	56	36	56	34	56
44.667	4776	36.60	M_2	1133	875	1702	1225	2184	1357
			c	4.1	4.7	2.8	3.4	2.2	3.1
			$n_{2\,Eck}$	32	67	32	67	30	67
			$n_{2\,th}$	32	49	32	49	30	49

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 4971$ Nm

GFL14-2S				19FC14	19FC30	19JC14	19JC30	19PC14	19PC30
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	27.00	21.00	40.00	29.00	51.00	32.00
			n_1	1425	3000	1425	3000	1350	3000
			$I_{M\,400}$	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
52.067	4358	24.60	M_2	1333	1031	1997	1440	2558	1593
			c	3.2	3.7	2.2	2.7	1.7	2.4
			$n_{2\,Eck}$	27	58	27	58	26	58
			$n_{2\,th}$	27	42	27	42	26	42
58.667	4911	23.80	M_2	1502	1162	2250	1622	2882	1795
			c	3.2	3.7	2.2	2.7	1.7	2.4
			$n_{2\,Eck}$	24	51	24	51	23	51
			$n_{2\,th}$	24	38	24	38	23	38
63.190	4412	18.00	M_2	1627	1260	2432	1755	3113	1941
			c	2.7	3.1	1.8	2.2	1.4	2.0
			$n_{2\,Eck}$	23	48	23	48	21	48
			$n_{2\,th}$	23	35	23	35	21	35
71.200	4971	17.40	M_2	1833	1414	2740	1973	3508	2182
			c	2.7	3.4	1.8	2.5	1.4	2.3
			$n_{2\,Eck}$	20	42	20	42	19	42
			$n_{2\,th}$	20	31	20	31	19	31

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

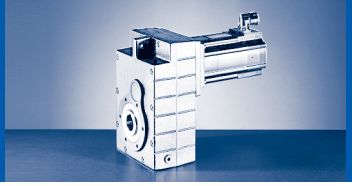
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11496$ Nm

GFL14-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
64.296	5534	26.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										936 5.6 23 23
64.296	5610	26.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
68.708	3311	19.86	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			629 5.0 22 22			861 3.7 28 28	699 4.2 59 52			
68.708	5182	19.86	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										1007 4.9 22 22
68.708	5416	19.86	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
77.418	3730	19.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			709 5.0 19 19			970 3.7 25 25	787 4.2 52 46			
77.418	5839	19.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										1135 4.9 19 19
77.418	6103	19.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
85.037	6276	21.59	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										1248 4.8 18 18
104.889	3398	9.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			977 3.4 14 14	775 4.2 29 29	726 4.3 34 34	1332 2.5 19 19	1082 2.8 39 39			
104.889	5307	9.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								876 5.8 14 14		1565 3.3 14 14
114.126	3697	8.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			1063 3.4 13 13	843 4.2 26 26	790 4.3 31 31	1449 2.5 17 17	1177 2.8 36 35			
114.126	5774	8.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								953 5.8 13 13		1703 3.3 13 13

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11496$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL14-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
818	1370	1017	1805	1253							M_2	26.32	5534	64.296
5.7	3.9	4.6	3.0	3.8							c			
50	23	50	21	50							$n_{2\,Eck}$			
50	23	50	21	48							$n_{2\,th}$			
					1618	1251	2425	1748	3108	1934	M_2	26.32	5610	64.296
					3.4	3.9	2.3	2.8	1.8	2.6	c			
					22	47	22	47	21	47	$n_{2\,Eck}$			
					22	34	22	34	21	34	$n_{2\,th}$			
											M_2	19.86	3311	68.708
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
876	1472	1088	1936	1340							M_2	19.86	5182	68.708
5.5	3.4	4.5	2.6	3.7							c			
47	22	47	20	47							$n_{2\,Eck}$			
47	22	47	20	47							$n_{2\,th}$			
					1735	1337	2597	1867	3327	2067	M_2	19.86	5416	68.708
					3.1	3.9	2.1	2.8	1.6	2.6	c			
					21	44	21	44	20	44	$n_{2\,Eck}$			
					21	32	21	32	20	32	$n_{2\,th}$			
											M_2	19.38	3730	77.418
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
987	1658	1226	2182	1510							M_2	19.38	5839	77.418
5.5	3.4	4.5	2.6	3.7							c			
42	19	42	17	42							$n_{2\,Eck}$			
42	19	42	17	42							$n_{2\,th}$			
					1955	1506	2927	2104	3749	2328	M_2	19.38	6103	77.418
					3.1	3.9	2.1	2.8	1.6	2.6	c			
					18	39	18	39	17	39	$n_{2\,Eck}$			
					18	29	18	29	17	29	$n_{2\,th}$			
1086	1823	1348	2398	1660	2152	1659	3219	2316	4122	2562	M_2	21.59	6276	85.037
5.4	3.4	4.4	2.6	3.6	2.9	3.7	1.9	2.7	1.5	2.4	c			
38	18	38	16	38	17	35	17	35	16	35	$n_{2\,Eck}$			
38	18	37	16	36	17	26	17	26	16	26	$n_{2\,th}$			
											M_2	9.32	3398	104.889
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1364	2274	1688	2983	2073							M_2	9.32	5307	104.889
3.7	2.3	3.0	1.8	2.5							c			
31	14	31	13	31							$n_{2\,Eck}$			
31	14	31	13	31							$n_{2\,th}$			
											M_2	8.32	3697	114.126
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1484	2474	1837	3246	2255							M_2	8.32	5774	114.126
3.7	2.3	3.0	1.8	2.5							c			
28	13	28	12	28							$n_{2\,Eck}$			
28	13	28	12	28							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

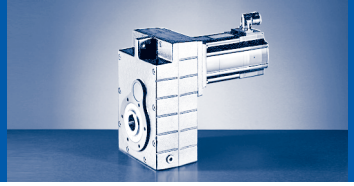
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11496$ Nm

GFL14-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
128.593	4166	8.14	M_2			1198	950	890	1633	1327			
			c			3.4	4.2	4.3	2.5	2.8			
			$n_{2\,Eck}$			12	23	27	15	32			
			$n_{2\,th}$			12	23	27	15	31			
128.593	6506	8.14	M_2								1074		1919
			c								5.8		3.3
			$n_{2\,Eck}$								12		12
			$n_{2\,th}$								12		12
136.889	7359	16.78	M_2										2038
			c										3.5
			$n_{2\,Eck}$										11
			$n_{2\,th}$										11
156.148	4335	5.92	M_2	784		1463	1161	1088	1990	1618			
			c	5.3		2.9	3.6	3.7	2.2	2.4			
			$n_{2\,Eck}$	13		10	19	23	13	26			
			$n_{2\,th}$	12		10	19	23	12	26			
156.148	6760	5.92	M_2								1317	1064	2342
			c								4.9	5.7	2.8
			$n_{2\,Eck}$								10	23	10
			$n_{2\,th}$								10	23	10
170.074	5510	6.96	M_2			1585	1256	1177	2160	1754			
			c			3.4	4.2	4.3	2.5	2.8			
			$n_{2\,Eck}$			9	18	21	12	24			
			$n_{2\,th}$			9	18	21	11	24			
170.074	8408	6.96	M_2								1423		2540
			c								5.6		3.2
			$n_{2\,Eck}$								9		9
			$n_{2\,th}$								9		9
202.074	4498	3.69	M_2	1026	797	1904	1514	1419	2587	2104			
			c	4.2	4.9	2.3	2.9	2.9	1.7	1.9			
			$n_{2\,Eck}$	10	20	7	15	17	10	20			
			$n_{2\,th}$	10	20	7	15	17	10	20			
202.074	7010	3.69	M_2								1722	1395	3049
			c								4.0	4.6	2.3
			$n_{2\,Eck}$								7	18	7
			$n_{2\,th}$								7	18	7
224.636	6236	4.74	M_2	1128		2104	1670	1565	2863	2327			
			c	5.3		2.9	3.6	3.7	2.2	2.4			
			$n_{2\,Eck}$	9		7	13	16	9	18			
			$n_{2\,th}$	9		7	13	16	9	18			
224.636	8739	4.74	M_2								1904	1541	3379
			c								4.4	5.1	2.5
			$n_{2\,Eck}$								7	16	7
			$n_{2\,th}$								7	16	7
253.111	7027	4.70	M_2	1271		2371	1882	1763	3226	2622			
			c	5.3		2.9	3.6	3.7	2.2	2.4			
			$n_{2\,Eck}$	8		6	12	14	8	16			
			$n_{2\,th}$	8		6	12	14	8	16			
253.111	9846	4.70	M_2								2146	1736	3808
			c								4.4	5.1	2.5
			$n_{2\,Eck}$								6	14	6
			$n_{2\,th}$								6	14	6

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11496$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL14-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.14	4166	128.593
1672 3.7 25 25	2788 2.3 12 12	2069 3.0 25 25	3657 1.8 11 11	2541 2.5 25 25							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.14	6506	128.593
1775 3.9 24 23	2963 2.5 11 11	2198 3.2 24 22	3889 1.9 10 10	2701 2.6 24 21	3492 2.1 10 10	2699 2.7 22 16	5211 1.4 10 10	3757 1.9 22 16	6665 1.1 10 10	4153 1.8 22 16	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	16.78	7359	136.889
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.92	4335	156.148
2042 3.2 21 21	3397 2.0 10 10	2525 2.6 21 21	4453 1.5 9 9	3097 2.1 21 21							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.92	6760	156.148
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.96	5510	170.074
2213 3.6 19 19	3689 2.3 9 9	2739 2.9 19 19	4839 1.7 8 8	3363 2.4 19 19							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.96	8408	170.074
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.69	4498	202.074
2660 2.5 16 16	4415 1.6 7 7	3285 2.1 16 16	5781 1.2 7 7	4026 1.7 16 16							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.69	7010	202.074
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.74	6236	224.636
2948 2.8 14 14	4898 1.8 7 7	3642 2.3 14 14	6416 1.4 6 6	4466 1.9 14 14							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.74	8739	224.636
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.70	7027	253.111
3321 2.8 13 13	5519 1.8 6 6	4103 2.3 13 13	7230 1.4 5 5	5032 1.9 13 13							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.70	9846	253.111

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

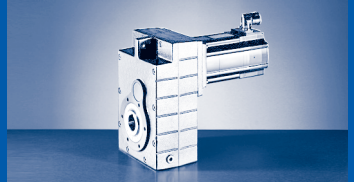
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11496$ Nm

GFL14-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
273.778	8870	5.76	M_2			2551	2022	1895	3476	2824			
			c			3.4	4.2	4.3	2.5	2.8			
			$n_{2\,Eck}$			6	11	13	7	15			
			$n_{2\,th}$			5	11	13	7	15			
273.778	9753	5.76	M_2								2330	1887	4128
			c								4.1	4.7	2.3
			$n_{2\,Eck}$								6	13	6
			$n_{2\,th}$								5	13	5
332.444	9229	4.30	M_2	1669		3114	2472	2316	4237	3444			
			c	5.3		2.9	3.6	3.7	2.2	2.4			
			$n_{2\,Eck}$	6		5	9	11	6	12			
			$n_{2\,th}$	6		5	9	11	6	12			
332.444	10550	4.30	M_2								2843	2304	5026
			c								3.6	4.2	2.1
			$n_{2\,Eck}$								5	11	5
			$n_{2\,th}$								5	11	5
352.811	6551	2.16	M_2	1805	1403	3338	2657	2490	4531	3686			
			c	3.5	4.1	1.9	2.4	2.5	1.4	1.6			
			$n_{2\,Eck}$	6	12	4	9	10	6	12			
			$n_{2\,th}$	6	11	4	9	10	6	11			
352.811	10203	2.16	M_2								3028	2455	5344
			c								3.3	3.8	1.9
			$n_{2\,Eck}$								4	10	4
			$n_{2\,th}$								4	10	4
397.533	7382	2.15	M_2	2034	1581	3762	2994	2806	5105	4153			
			c	3.5	4.1	1.9	2.4	2.5	1.4	1.6			
			$n_{2\,Eck}$	5	10	4	8	9	5	10			
			$n_{2\,th}$	5	10	4	8	9	5	10			
397.533	11496	2.15	M_2								3411	2766	6022
			c								3.3	3.8	1.9
			$n_{2\,Eck}$								4	9	4
			$n_{2\,th}$								4	9	4
430.222	9576	2.73	M_2	2185	1696	4054	3223	3021	5508	4479			
			c	4.2	4.9	2.3	2.9	2.9	1.7	1.9			
			$n_{2\,Eck}$	5	9	4	7	8	5	9			
			$n_{2\,th}$	5	9	3	7	8	5	9			
430.222	10560	2.73	M_2								3712	3012	6537
			c								2.8	3.2	1.6
			$n_{2\,Eck}$								4	8	4
			$n_{2\,th}$								3	8	3
522.133	9695	1.98	M_2	2672	2076	4941	3932	3685	6705	5455			
			c	3.5	4.1	1.9	2.4	2.5	1.4	1.6			
			$n_{2\,Eck}$	4	8	3	6	7	4	8			
			$n_{2\,th}$	4	8	3	6	7	4	8			
522.133	10560	1.98	M_2								4528	3678	7957
			c								2.3	2.7	1.3
			$n_{2\,Eck}$								3	7	3
			$n_{2\,th}$								3	7	3
562.391	9036	1.91	M_2	2892	2250	5336	4250	3984	7237	5888	4902	3984	8595
			c	3.1	3.5	1.7	2.1	2.1	1.3	1.4	1.8	2.1	1.1
			$n_{2\,Eck}$	4	7	3	5	6	4	7	3	6	3
			$n_{2\,th}$	3	7	3	5	6	3	7	3	6	3

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11496$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL14-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.04	160.04	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.76	8870	273.778
3602 2.6 12 12	5979 1.6 6 5	4448 2.1 12 12	7829 1.2 5 5	5452 1.7 12 12							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.76	9753	273.778
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.30	9229	332.444
4387 2.3 10 10	7273 1.4 5 5	5414 1.9 10 10	9521 1.1 4 4	6634 1.5 10 10							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.30	10550	332.444
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.16	6551	352.811
4666 2.1 9 9	7729 1.3 4 4	5756 1.7 9 9	10114 1.0 4 4	7050 1.4 9 9							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.16	10203	352.811
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.15	7382	397.533
5257 2.1 8 8	8709 1.3 4 4	6485 1.7 8 8	11396 1.0 3 3	7944 1.4 8 8							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.15	11496	397.533
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.73	9576	430.222
5708 1.8 8 8	9445 1.1 4 3	7038 1.5 8 8		8617 1.2 8 8							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.73	10560	430.222
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.98	9695	522.133
6951 1.5 6 6		8565 1.2 6 6									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.98	10560	522.133
7511 1.2 6 6											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.91	9036	562.391

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

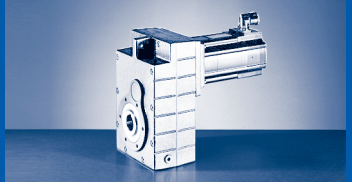
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11496$ Nm

GFL14-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
633.680	9811	1.90	M_2	3263	2538	6017	4793	4492	8158	6638	5527	4493	9688
			c	3.0	3.4	1.6	2.0	2.1	1.2	1.3	1.8	2.0	1.0
			$n_{2\,Eck}$	3	6	2	5	6	3	6	2	6	2
			$n_{2\,th}$	3	6	2	5	6	3	6	2	6	2
710.888	9036	1.26	M_2	3681	2866	6770	5397	5059		7466			
			c	2.4	2.8	1.3	1.7	1.7		1.1			
			$n_{2\,Eck}$	3	6	2	4	5		6			
			$n_{2\,th}$	3	6	2	4	5		6			
801.000	9811	1.25	M_2	4152	3233	7632	6085	5704		8416			
			c	2.3	2.7	1.3	1.6	1.6		1.1			
			$n_{2\,Eck}$	2	5	2	4	4		5			
			$n_{2\,th}$	2	5	2	4	4		5			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11496$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GFL14-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
8467 1.1 5 5											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.90	9811	633.680
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.26	9036	710.888
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	9811	801.000

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

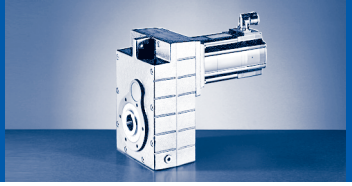
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 187$ Nm

GFL04-2A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
3.659	109	1.51	M_2		22	14
			c		3.7	5.5
			$n_{2\,Eck}$		932	1107
			$n_{2\,th}$		932	1003
5.018	111	0.86	M_2		30	19
			c		2.8	4.1
			$n_{2\,Eck}$		680	807
			$n_{2\,th}$		680	769
5.833	153	0.93	M_2		35	22
			c		3.3	4.9
			$n_{2\,Eck}$		585	694
			$n_{2\,th}$		572	616
6.422	113	0.56	M_2		39	24
			c		2.2	3.2
			$n_{2\,Eck}$		531	631
			$n_{2\,th}$		531	631
7.025	113	0.47	M_2	13	42	27
			c	6.0	2.0	3.0
			$n_{2\,Eck}$	562	485	577
			$n_{2\,th}$	562	485	576
8.379	179	0.67	M_2		50	32
			c		2.7	3.9
			$n_{2\,Eck}$		407	483
			$n_{2\,th}$		382	413
9.333	165	0.61	M_2		56	35
			c		2.2	3.3
			$n_{2\,Eck}$		365	434
			$n_{2\,th}$		330	358
10.238	159	0.37	M_2	19	62	39
			c	5.8	1.9	2.9
			$n_{2\,Eck}$	386	333	396
			$n_{2\,th}$	386	333	396
11.491	181	0.41	M_2	21	70	44
			c	5.9	2.0	2.9
			$n_{2\,Eck}$	344	297	353
			$n_{2\,th}$	344	294	317
12.800	166	0.38	M_2	24	78	49
			c	4.8	1.6	2.4
			$n_{2\,Eck}$	309	266	316
			$n_{2\,th}$	309	240	274
14.706	182	0.28	M_2	27	89	56
			c	4.6	1.5	2.3
			$n_{2\,Eck}$	269	232	275
			$n_{2\,th}$	269	232	275
16.087	182	0.25	M_2	30	98	62
			c	4.2	1.4	2.1
			$n_{2\,Eck}$	246	212	252
			$n_{2\,th}$	246	212	252
17.920	167	0.23	M_2	34	109	69
			c	3.5	1.2	1.7
			$n_{2\,Eck}$	220	190	226
			$n_{2\,th}$	220	181	217

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 187$ Nm

GFL04-2A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
20.519	183	0.17	M_2	39	125	79
			c	3.3	1.1	1.7
			$n_{2\,Eck}$	193	166	197
			$n_{2\,th}$	193	166	197
22.857	167	0.16	M_2	44		88
			c	2.7		1.4
			$n_{2\,Eck}$	173		177
			$n_{2\,th}$	173		174
25.136	183	0.13	M_2	48	154	97
			c	3.1	1.0	1.5
			$n_{2\,Eck}$	157	136	161
			$n_{2\,th}$	157	136	161
28.000	168	0.12	M_2	53		108
			c	2.5		1.3
			$n_{2\,Eck}$	141		145
			$n_{2\,th}$	141		145
31.600	185	0.09	M_2	60		
			c	2.5		
			$n_{2\,Eck}$	125		
			$n_{2\,th}$	125		
35.200	170	0.08	M_2	68		
			c	2.1		
			$n_{2\,Eck}$	112		
			$n_{2\,th}$	112		
40.697	187	0.06	M_2	78		
			c	2.0		
			$n_{2\,Eck}$	97		
			$n_{2\,th}$	97		
45.333	172	0.06	M_2	87		
			c	1.6		
			$n_{2\,Eck}$	87		
			$n_{2\,th}$	87		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

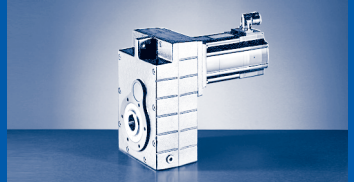
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 345$ Nm

GFL05-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
3.333	138	1.68	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		20 5.1 1023 910					
3.333	166	1.68	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				38 4.2 491 491		34 3.6 1037 849	
4.571	170	2.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		27 4.6 746 746		52 3.1 358 358	28 5.2 438 438	47 2.7 756 686	23 5.1 897 775
5.133	212	2.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		30 5.1 664 591					
5.133	223	2.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				58 3.6 319 319		53 3.1 673 536	26 5.9 799 607
5.667	233	2.33	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		33 5.1 602 535		64 3.4 289 289	35 5.7 353 353	58 3.0 610 480	28 5.6 724 544
6.400	173	0.82	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		38 3.4 533 533	24 5.0 633 621	74 2.3 256 255	40 3.8 313 313	66 2.0 540 527	33 3.7 641 561
7.040	248	1.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		42 4.4 484 484		80 2.9 232 232	44 4.9 284 284	73 2.6 491 440	35 4.8 582 498
7.771	258	1.45	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		46 4.1 439 439		89 2.8 210 210	49 4.7 257 257	80 2.4 445 394	39 4.5 528 447
9.010	266	0.95	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		54 3.7 379 378	33 5.5 450 433	103 2.5 182 181	57 4.1 222 222	93 2.1 384 366	46 4.0 455 399
9.946	275	0.89	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		59 3.4 343 343	37 5.1 407 388	114 2.3 164 164	63 3.9 201 201	103 2.0 347 329	51 3.8 412 361
11.360	278	1.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		68 3.1 300 283	42 4.5 357 305	131 2.1 144 144	72 3.4 176 176	118 1.8 304 243	58 3.4 361 288
12.800	285	1.01	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		77 2.8 266 246	48 4.1 316 266	148 1.9 128 128	81 3.1 156 156	133 1.6 270 204	66 3.0 320 251

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 345$ Nm

GFL05-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
14.538	301	0.75	M_2		87	55	168	93	152	75
			c		2.6	3.8	1.7	2.9	1.5	2.8
			$n_{2\,Eck}$		235	279	113	138	238	282
			$n_{2\,th}$		235	253	112	138	195	239
15.904	310	0.60	M_2		96	60	184	102	166	82
			c		2.4	3.6	1.6	2.7	1.4	2.7
			$n_{2\,Eck}$		214	255	103	126	217	258
			$n_{2\,th}$		214	237	103	126	181	225
17.920	312	0.61	M_2		108	68	208	115	187	93
			c		2.2	3.2	1.5	2.4	1.3	2.4
			$n_{2\,Eck}$		190	226	91	112	193	229
			$n_{2\,th}$		190	206	91	112	154	195
20.286	333	0.43	M_2		123	77	235	130	212	105
			c		2.0	3.0	1.4	2.3	1.2	2.2
			$n_{2\,Eck}$		168	200	81	99	170	202
			$n_{2\,th}$		168	200	81	99	155	177
22.857	313	0.43	M_2	42	139	87	266	147		119
			c	5.1	1.7	2.5	1.1	1.9		1.9
			$n_{2\,Eck}$	173	149	177	72	88		179
			$n_{2\,th}$	173	149	177	72	88		157
24.850	344	0.35	M_2	46	150	95	289	160	260	129
			c	5.9	2.0	2.9	1.2	2.1	1.1	2.2
			$n_{2\,Eck}$	159	137	163	66	81	139	165
			$n_{2\,th}$	159	137	163	66	80	139	144
28.000	314	0.33	M_2	52	170	107		181		146
			c	4.8	1.6	2.4		1.7		1.7
			$n_{2\,Eck}$	141	122	145		71		146
			$n_{2\,th}$	141	122	145		71		128
32.344	345	0.20	M_2	60	197	124				
			c	4.5	1.5	2.2				
			$n_{2\,Eck}$	122	105	125				
			$n_{2\,th}$	122	105	125				
36.444	316	0.20	M_2	69	222	140				
			c	3.7	1.2	1.8				
			$n_{2\,Eck}$	108	94	111				
			$n_{2\,th}$	108	94	111				
40.233	345	0.15	M_2	76	245	155				
			c	3.6	1.2	1.8				
			$n_{2\,Eck}$	98	85	101				
			$n_{2\,th}$	98	85	101				
45.333	319	0.14	M_2	86		175				
			c	3.0		1.5				
			$n_{2\,Eck}$	87		89				
			$n_{2\,th}$	87		89				
52.067	309	0.09	M_2	99						
			c	2.5						
			$n_{2\,Eck}$	76						
			$n_{2\,th}$	76						
58.667	322	0.09	M_2	112						
			c	2.3						
			$n_{2\,Eck}$	67						
			$n_{2\,th}$	67						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

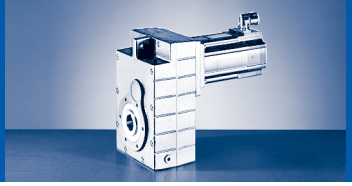
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 345$ Nm

GFL05-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
63.190	282	0.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	121 1.9 63 63						
71.200	305	0.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	137 2.0 56 55						

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 345$ Nm

GFL05-3A				10IC40
				...S00
i	$M_{2\,GN}$	J_G	M_1	2.00
			n_1	3950
			$I_{M\,400}$	2.4
			P_N	0.80
			J_M	2.44
61.653	207	0.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	117 1.5 64 64
78.639	225	0.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	150 1.4 50 50
90.123	303	0.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	171 1.6 44 44
101.547	328	0.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	193 1.5 39 39
114.952	329	0.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	219 1.4 34 34
129.524	328	0.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	247 1.2 31 31
140.817	345	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	269 1.2 28 28

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

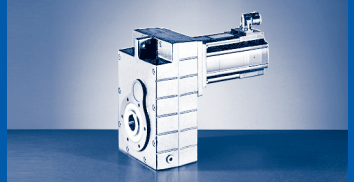
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 660$ Nm

GFL06-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
3.675	266	7.76	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						37 5.2 940 702					
3.675	311	7.76	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								74 3.9 457 457		66 3.5 947 645	
5.211	377	6.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						52 5.2 663 495					
5.211	424	6.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								106 3.8 322 322		94 3.3 668 451	
5.750	416	6.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						58 5.2 601 448					
5.750	442	6.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								117 3.6 292 292		104 3.2 605 403	50 6.0 715 460
6.450	263	3.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		38 5.1 529 529									
6.450	352	3.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				72 4.6 254 253		66 3.9 536 507		132 2.5 261 260	65 4.5 357 357	117 2.2 540 451	57 4.2 637 482
7.147	433	4.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				80 5.1 229 229		72 4.4 483 404		146 2.8 235 235	72 5.0 322 322	130 2.5 487 359	63 4.7 575 409
8.400	604	4.26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				93 6.0 195 195		84 5.2 411 307		171 3.3 200 200	84 6.0 274 274	152 3.0 414 272	74 5.6 489 311
9.463	581	3.88	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				105 5.1 173 173		96 4.4 365 264		194 2.8 178 178	95 5.1 243 243	172 2.5 368 233	84 4.8 434 267
10.092	412	2.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		59 5.1 338 338									
10.092	459	2.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				114 3.8 162 162		103 3.3 342 313		208 2.1 167 166	103 3.8 228 228	184 1.9 345 271	91 3.5 407 308

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 660$ Nm

GFL06-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
11.520	632	1.73	M_2				129		117		237	116	210	103
			c				4.6		4.0		2.5	4.5	2.3	4.3
			$n_{2\,Eck}$				142		300		146	200	302	357
			$n_{2\,th}$				142		246		146	200	217	249
12.978	592	2.61	M_2				147		133		268	132	237	116
			c				3.8		3.3		2.1	3.8	1.9	3.5
			$n_{2\,Eck}$				126		266		130	177	268	317
			$n_{2\,th}$				126		210		129	177	182	213
14.743	602	1.95	M_2		86									
			c		5.1									
			$n_{2\,Eck}$		231									
			$n_{2\,th}$		231									
14.743	641	1.95	M_2				167		151	73	304	150	270	133
			c				3.6		3.1	5.9	2.0	3.6	1.8	3.4
			$n_{2\,Eck}$				111		234	278	114	156	236	279
			$n_{2\,th}$				111		212	240	114	156	181	211
16.128	643	1.68	M_2		95		183	100	166	81	334	165	295	145
			c		5.0		3.3	5.6	2.9	5.4	1.8	3.3	1.6	3.1
			$n_{2\,Eck}$		211		101	124	214	254	104	143	216	255
			$n_{2\,th}$		211		101	124	197	223	104	143	164	193
18.169	600	1.57	M_2		108		208	114	188	92	377	187	334	165
			c		4.1		2.8	4.6	2.4	4.5	1.5	2.7	1.4	2.6
			$n_{2\,Eck}$		188		90	110	190	226	93	127	192	226
			$n_{2\,th}$		188		90	110	168	191	92	127	132	171
20.571	645	1.19	M_2		122	76	236	129	213	104	427	212	378	187
			c		3.9	5.8	2.6	4.4	2.3	4.3	1.5	2.6	1.3	2.4
			$n_{2\,Eck}$		166	197	80	97	168	199	82	112	169	200
			$n_{2\,th}$		166	193	79	97	164	175	82	112	130	151
23.175	604	1.13	M_2		138	86	267	147	241	118	482	240	427	211
			c		3.2	4.8	2.2	3.6	1.9	3.6	1.2	2.2	1.1	2.0
			$n_{2\,Eck}$		147	175	71	86	149	177	73	99	150	177
			$n_{2\,th}$		147	166	71	86	138	155	72	99	107	134
25.200	651	0.90	M_2		150	93	290	159	261	128	524	260	464	229
			c		3.7	5.4	2.2	4.0	2.1	4.0	1.2	2.4	1.2	2.3
			$n_{2\,Eck}$		135	161	65	79	137	163	67	91	138	163
			$n_{2\,th}$		135	161	65	79	137	142	67	91	119	123
28.389	607	0.86	M_2		170	106	328	180	295	145	592	294		259
			c		3.0	4.5	1.8	3.3	1.8	3.3	1.0	2.0		1.9
			$n_{2\,Eck}$		120	143	58	71	122	144	59	81		145
			$n_{2\,th}$		120	143	58	70	122	126	59	81		110
32.800	641	0.58	M_2		197	123	379	209	342	168				
			c		2.8	4.1	1.7	3.0	1.6	3.0				
			$n_{2\,Eck}$		104	124	50	61	105	125				
			$n_{2\,th}$		104	123	50	61	105	109				
36.951	611	0.56	M_2		223	140	428	236	386	190				
			c		2.3	3.5	1.4	2.5	1.4	2.6				
			$n_{2\,Eck}$		92	110	44	54	94	111				
			$n_{2\,th}$		92	110	44	54	94	97				
40.800	657	0.43	M_2		246	154	473	261	426	210				
			c		2.3	3.4	1.4	2.5	1.3	2.5				
			$n_{2\,Eck}$		84	99	40	49	85	101				
			$n_{2\,th}$		84	99	40	49	85	88				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

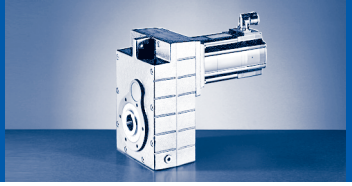
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 660$ Nm

GFL06-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
45.963	613	0.41	M_2	85	278	175	534	296	481	238				
			c	5.7	1.9	2.8	1.2	2.1	1.1	2.1				
			$n_{2\,Eck}$	86	74	88	36	44	75	89				
			$n_{2\,th}$	86	74	88	36	44	75	78				
52.800	660	0.26	M_2	98	320	201								
			c	5.3	1.8	2.6								
			$n_{2\,Eck}$	75	65	77								
			$n_{2\,th}$	75	65	77								
59.481	615	0.25	M_2	111	362	228								
			c	4.4	1.5	2.2								
			$n_{2\,Eck}$	66	57	68								
			$n_{2\,th}$	66	57	68								
64.080	576	0.19	M_2	121	391	246								
			c	3.8	1.3	1.9								
			$n_{2\,Eck}$	62	53	63								
			$n_{2\,th}$	62	53	63								
72.189	616	0.19	M_2	136	440	277								
			c	4.0	1.3	2.0								
			$n_{2\,Eck}$	55	47	56								
			$n_{2\,th}$	55	47	56								
81.000	435	0.13	M_2	155										
			c	2.5										
			$n_{2\,Eck}$	49										
			$n_{2\,th}$	49										
91.250	476	0.12	M_2	174										
			c	2.5										
			$n_{2\,Eck}$	43										
			$n_{2\,th}$	43										

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 634$ Nm

GFL06-3A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
66.213	497	0.29	M_2	123	398	251
			c	3.6	1.2	1.8
			$n_{2\,Eck}$	60	52	61
			$n_{2\,th}$	60	52	61
72.000	497	0.26	M_2	134	433	273
			c	3.3	1.1	1.6
			$n_{2\,Eck}$	55	47	56
			$n_{2\,th}$	55	47	56
81.111	497	0.26	M_2	152		309
			c	2.9		1.5
			$n_{2\,Eck}$	49		50
			$n_{2\,th}$	49		50
88.200	488	0.19	M_2	166		336
			c	2.6		1.3
			$n_{2\,Eck}$	45		46
			$n_{2\,th}$	45		46
99.361	550	0.19	M_2	187		379
			c	2.6		1.3
			$n_{2\,Eck}$	40		41
			$n_{2\,th}$	40		41
116.571	528	0.09	M_2	220		
			c	2.2		
			$n_{2\,Eck}$	34		
			$n_{2\,th}$	34		
131.323	595	0.21	M_2	248		502
			c	2.2		1.1
			$n_{2\,Eck}$	30		31
			$n_{2\,th}$	30		31
144.320	560	0.11	M_2	273		
			c	1.9		
			$n_{2\,Eck}$	27		
			$n_{2\,th}$	27		
162.583	613	0.11	M_2	308		
			c	1.8		
			$n_{2\,Eck}$	24		
			$n_{2\,th}$	24		
179.520	605	0.10	M_2	341		
			c	1.6		
			$n_{2\,Eck}$	22		
			$n_{2\,th}$	22		
202.237	611	0.10	M_2	385		
			c	1.4		
			$n_{2\,Eck}$	20		
			$n_{2\,th}$	20		
231.200	634	0.07	M_2	440		
			c	1.3		
			$n_{2\,Eck}$	17		
			$n_{2\,th}$	17		
260.457	613	0.07	M_2	497		
			c	1.1		
			$n_{2\,Eck}$	15		
			$n_{2\,th}$	15		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

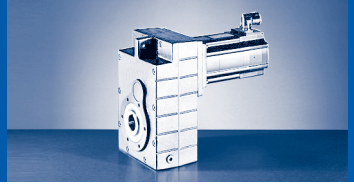
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04
3.350	349	19.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								67 4.8 502 502
3.350	639	19.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
4.643	483	11.99	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								93 4.8 362 362
4.643	653	11.99	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
5.159	537	11.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								103 4.8 326 326
5.159	850	11.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
5.695	592	18.09	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								114 4.8 295 295
5.695	914	18.09	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
6.400	463	9.83	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						64 5.2 540 466		
6.400	541	9.83	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								130 3.9 263 263
6.400	662	9.83	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
7.150	744	11.88	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								143 4.8 235 235
7.150	918	11.88	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

17NC35	17NC41	19SC17	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL07-2A			
...F10	...S00	...F10	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
60									M_2	19.57	349	3.350
4.3									c			
1039									$n_{2\,Eck}$			
631									$n_{2\,th}$			
		113	113		195		176		M_2	19.57	639	3.350
		5.2	4.1		3.1		2.7		c			
		508	1048		511		1051		$n_{2\,Eck}$			
		508	626		510		567		$n_{2\,th}$			
83									M_2	11.99	483	4.643
4.3									c			
750									$n_{2\,Eck}$			
524									$n_{2\,th}$			
		159	159		273	106	245		M_2	11.99	653	4.643
		3.8	3.0		2.3	5.0	2.0		c			
		366	756		368	536	758		$n_{2\,Eck}$			
		366	487		368	434	434		$n_{2\,th}$			
92									M_2	11.12	537	5.159
4.3									c			
675									$n_{2\,Eck}$			
410									$n_{2\,th}$			
		175	175		302	117	272		M_2	11.12	850	5.159
		4.5	3.6		2.7	5.8	2.3		c			
		330	680		332	483	682		$n_{2\,Eck}$			
		330	393		331	390	354		$n_{2\,th}$			
101									M_2	18.09	592	5.695
4.3									c			
611									$n_{2\,Eck}$			
371									$n_{2\,th}$			
		194	194		334	129	300		M_2	18.09	914	5.695
		4.4	3.5		2.6	5.7	2.3		c			
		299	616		300	437	618		$n_{2\,Eck}$			
		299	354		300	354	319		$n_{2\,th}$			
									M_2	9.83	463	6.400
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
115									M_2	9.83	541	6.400
3.5									c			
544									$n_{2\,Eck}$			
429									$n_{2\,th}$			
		221	221		379	149	340	102	M_2	9.83	662	6.400
		2.8	2.2		1.7	3.7	1.5	4.5	c			
		266	548		267	389	550	650	$n_{2\,Eck}$			
		266	383		267	315	315	315	$n_{2\,th}$			
127									M_2	11.88	744	7.150
4.3									c			
487									$n_{2\,Eck}$			
341									$n_{2\,th}$			
		245	245		421	164	378	112	M_2	11.88	918	7.150
		3.5	2.8		2.1	4.6	1.8	5.5	c			
		238	491		239	348	492	582	$n_{2\,Eck}$			
		238	310		239	282	271	282	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

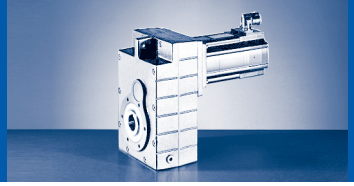
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04
8.324	866	13.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								167 4.8 202 202
8.324	993	13.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
9.379	976	12.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								188 4.8 179 179
9.379	999	12.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
9.714	757	8.03	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						97 5.6 356 300		
9.714	885	8.03	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								196 4.2 173 173
9.714	969	8.03	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
11.538	1080	8.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								232 4.3 146 146
13.000	1089	7.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								263 3.9 129 129
14.200	1106	6.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						142 5.6 243 205		
14.200	1143	6.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								288 3.7 118 118
15.904	1150	5.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						159 5.2 217 187		
15.904	1179	5.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								323 3.4 106 106

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

17NC35	17NC41	19SC17	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL07-2A			
...F10	...S00	...F10	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
148									M_2	13.11	866	8.324
4.3									c			
418									$n_{2\,Eck}$			
254									$n_{2\,th}$			
		286	286		491	192	441	131	M_2	13.11	993	8.324
		3.3	2.6		1.9	4.2	1.7	5.2	c			
		204	422		205	299	423	500	$n_{2\,Eck}$			
		204	225		205	242	191	242	$n_{2\,th}$			
167									M_2	12.04	976	9.379
4.3									c			
371									$n_{2\,Eck}$			
225									$n_{2\,th}$			
		324	323		555	217	498	149	M_2	12.04	999	9.379
		2.9	2.3		1.7	3.8	1.5	4.6	c			
		181	374		182	266	375	444	$n_{2\,Eck}$			
		181	194		171	215	159	215	$n_{2\,th}$			
									M_2	8.03	757	9.714
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
174									M_2	8.03	885	9.714
3.7									c			
358									$n_{2\,Eck}$			
276									$n_{2\,th}$			
		336	335		575	226	516	155	M_2	8.03	969	9.714
		2.7	2.2		1.6	3.5	1.4	4.3	c			
		175	361		176	256	362	428	$n_{2\,Eck}$			
		175	243		176	207	195	207	$n_{2\,th}$			
206		400	399	128	684	269	614	184	M_2	8.52	1080	11.538
3.8		2.6	2.0	5.7	1.5	3.3	1.3	4.0	c			
302		147	304	360	148	216	305	361	$n_{2\,Eck}$			
206		147	178	212	148	175	141	175	$n_{2\,th}$			
234		452	450	145	772	304	692	209	M_2	7.97	1089	13.000
3.4		2.3	1.8	5.1	1.4	3.0	1.2	3.6	c			
268		131	270	319	132	192	271	320	$n_{2\,Eck}$			
179		131	149	188	126	155	118	155	$n_{2\,th}$			
									M_2	6.35	1106	14.200
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
256		494	492	159	843	332	757	228	M_2	6.35	1143	14.200
3.3		2.2	1.7	4.9	1.3	2.9	1.1	3.5	c			
245		120	247	292	120	175	248	293	$n_{2\,Eck}$			
184		120	151	172	120	142	120	142	$n_{2\,th}$			
									M_2	5.27	1150	15.904
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
287	139	554	552	178	946	373	848	256	M_2	5.27	1179	15.904
3.0	5.8	2.0	1.6	4.5	1.2	2.6	1.1	3.2	c			
219	258	107	221	261	108	157	221	262	$n_{2\,Eck}$			
168	191	107	135	154	108	127	110	127	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

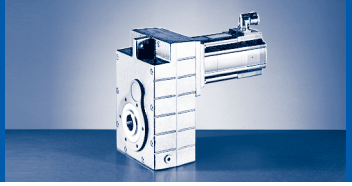
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04
17.920	1189	4.98	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				199 5.5 91 91		180 4.8 193 164		366 3.1 94 94
20.286	828	3.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		119 5.1 168 168						
20.286	1233	3.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				226 5.1 81 81		205 4.4 170 166		
20.286	1262	3.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								415 2.9 83 83
22.857	933	3.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		134 5.1 149 149						
22.857	1240	3.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				256 4.5 72 72		232 3.9 151 144		469 2.5 74 74
24.850	1295	2.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				279 4.5 66 66		252 4.3 139 139		
24.850	1337	2.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								510 2.6 68 68
28.000	1242	2.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				317 3.8 58 58		285 3.6 123 123		577 2.1 60 60
32.344	1048	1.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		190 4.6 105 105						
32.344	1358	1.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				366 3.6 51 51		330 3.5 107 107		
32.344	1370	1.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								668 2.0 52 52
36.444	1181	1.61	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		215 4.6 94 94						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

17NC35	17NC41	19SC17	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL07-2A			
...F10	...S00	...F10	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
324	158	626	623	202	1067	422		290	M_2	4.98	1189	17.920
2.7	5.2	1.8	1.4	4.1	1.1	2.4		2.9	c			
194	229	95	196	232	95	139		232	$n_{2\,Eck}$			
146	166	95	113	137	95	112		112	$n_{2\,th}$			
									M_2	3.47	828	20.286
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
									M_2	3.47	1233	20.286
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
368	180	709	706	229					M_2	3.47	1262	20.286
2.6	4.8	1.7	1.3	3.8					c			
172	203	84	173	205					$n_{2\,Eck}$			
149	153	84	113	121					$n_{2\,th}$			
									M_2	3.27	933	22.857
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
416	204	801	797	260					M_2	3.27	1240	22.857
2.2	4.2	1.5	1.2	3.3					c			
152	180	74	154	182					$n_{2\,Eck}$			
128	136	74	94	107					$n_{2\,th}$			
									M_2	2.65	1295	24.850
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
451	220	870	865	281					M_2	2.65	1337	24.850
2.5	4.7	1.5	1.3	3.7					c			
140	165	68	141	167					$n_{2\,Eck}$			
125	125	68	99	99					$n_{2\,th}$			
510	250	983	977	319					M_2	2.53	1242	28.000
2.1	3.9	1.3	1.1	3.1					c			
124	147	61	125	148					$n_{2\,Eck}$			
111	111	61	84	87					$n_{2\,th}$			
									M_2	1.69	1048	32.344
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
									M_2	1.69	1358	32.344
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			
590	290								M_2	1.69	1370	32.344
2.0	3.7								c			
108	127								$n_{2\,Eck}$			
96	96								$n_{2\,th}$			
									M_2	1.61	1181	36.444
									c			
									$n_{2\,Eck}$			
									$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

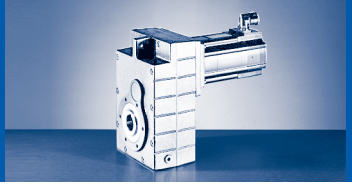
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04
36.444	1248	1.61	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				416 2.9 45 45	226 5.3 55 55	375 2.8 95 95	182 5.3 113 99	755 1.6 46 46
39.642	1093	1.25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		235 3.9 86 86	146 5.8 102 102					
39.642	1378	1.25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				452 3.0 41 41	246 5.4 51 50	407 2.9 87 87	198 5.4 103 91	821 1.7 42 42
44.667	1231	1.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		265 3.9 76 76	165 5.8 91 91					
44.667	1258	1.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				512 2.4 37 37	280 4.3 45 45	462 2.3 77 77	226 4.4 92 80	928 1.4 38 38
52.067	1127	0.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		311 3.1 66 65	195 4.6 78 78					
52.067	1342	0.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				599 2.2 31 31	328 4.0 38 38	539 2.1 66 66	264 4.0 79 69	
58.667	1270	0.75	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		351 3.1 58 58	219 4.6 69 69	677 1.9 28 28	372 3.3 34 34	610 1.8 59 59	300 3.4 70 61	
63.190	792	0.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	117 5.3 63 63							
63.190	1145	0.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		380 2.6 54 54	238 3.8 64 64					
63.190	1240	0.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				731 1.7 26 26	402 3.0 32 32	658 1.6 55 55	324 3.1 65 57	
71.200	893	0.56	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	131 5.9 56 55							
71.200	1280	0.56	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		427 2.8 48 48	267 4.2 57 57	824 1.5 23 23	454 2.8 28 28	741 1.6 49 49	365 3.1 58 50	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

17NC35	17NC41	19SC17	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL07-2A			
...F10	...S00	...F10	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
668 1.6 96 85	329 3.0 113 85								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.61	1248	36.444
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	1093	39.642
726 1.6 88 78	358 3.1 104 78								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	1378	39.642
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.20	1231	44.667
821 1.3 78 70	405 2.5 92 70								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.20	1258	44.667
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.78	1127	52.067
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.78	1342	52.067
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.75	1270	58.667
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.57	792	63.190
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.57	1145	63.190
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.57	1240	63.190
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.56	893	71.200
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.56	1280	71.200

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

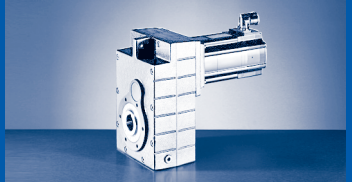
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04
79.875	796	0.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	149 4.7 50 49							
79.875	854	0.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		485 1.7 43 43	305 2.5 51 51					
90.000	897	0.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	168 4.7 44 44							
90.000	930	0.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		547 1.6 38 38	344 2.4 45 45					

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

17NC35	17NC41	19SC17	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL07-2A			
...F10	...S00	...F10	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.37	796	79.875
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.37	854	79.875
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.36	897	90.000
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.36	930	90.000

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

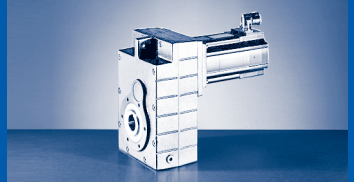
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1378$ Nm

GFL07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
65.306	883	0.79	M_2		388	244	748	413	672	332
			c		2.2	3.2	1.2	2.1	1.3	2.4
			$n_{2\,Eck}$		52	62	25	31	53	63
			$n_{2\,th}$		52	62	25	31	53	55
72.452	869	0.89	M_2	132	432	272	830	460	747	370
			c	5.7	1.9	2.8	1.1	1.9	1.1	2.1
			$n_{2\,Eck}$	55	47	56	23	28	48	57
			$n_{2\,th}$	55	47	56	23	28	47	50
81.636	979	0.88	M_2	148	487	306	936	518	842	416
			c	5.7	1.9	2.8	1.1	1.9	1.1	2.1
			$n_{2\,Eck}$	48	42	50	20	25	42	50
			$n_{2\,th}$	48	42	50	20	25	42	44
92.413	961	0.61	M_2	169	553	348		588		473
			c	5.0	1.7	2.5		1.6		1.8
			$n_{2\,Eck}$	43	37	44		22		44
			$n_{2\,th}$	43	37	44		22		39
104.127	1082	0.60	M_2	191	623	392		662		533
			c	5.0	1.7	2.5		1.6		1.8
			$n_{2\,Eck}$	38	33	39		19		39
			$n_{2\,th}$	38	33	39		19		34
113.206	1040	0.45	M_2	209	678	427		722		581
			c	4.4	1.5	2.2		1.4		1.6
			$n_{2\,Eck}$	35	30	36		18		36
			$n_{2\,th}$	35	30	36		18		32
127.556	1171	0.44	M_2	235	764	482		813		654
			c	4.4	1.5	2.2		1.4		1.6
			$n_{2\,Eck}$	31	27	32		16		32
			$n_{2\,th}$	31	27	32		16		28
147.347	1140	0.28	M_2	274	885	558				
			c	3.7	1.2	1.8				
			$n_{2\,Eck}$	27	23	28				
			$n_{2\,th}$	27	23	27				
166.025	1248	0.27	M_2	309	998	629				
			c	3.6	1.2	1.8				
			$n_{2\,Eck}$	24	21	24				
			$n_{2\,th}$	24	21	24				
183.285	1236	0.19	M_2	342	1103	696				
			c	3.2	1.1	1.6				
			$n_{2\,Eck}$	22	19	22				
			$n_{2\,th}$	22	19	22				
206.519	1248	0.19	M_2	387		786				
			c	2.9		1.4				
			$n_{2\,Eck}$	19		20				
			$n_{2\,th}$	19		20				
224.636	1343	0.18	M_2	421		855				
			c	2.9		1.4				
			$n_{2\,Eck}$	18		18				
			$n_{2\,th}$	18		18				
253.111	1258	0.18	M_2	477		966				
			c	2.4		1.2				
			$n_{2\,Eck}$	16		16				
			$n_{2\,th}$	16		16				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1378$ Nm

GFL07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
290.706	1378	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	548 2.3 14 14						
327.556	1258	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	621 1.8 12 12						
352.811	1378	0.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	668 1.9 11 11						
397.533	1258	0.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	756 1.5 10 10						
430.222	1270	0.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	819 1.4 9 9						
522.133	1270	0.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	996 1.2 8 8						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

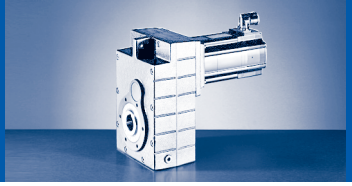
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3107$ Nm

GFL09-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
6.864	1662	41.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
6.864	2089	41.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
7.466	1807	38.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
7.466	2156	38.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
9.010	1037	26.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					180 5.3 187 186		160 4.7 386 252	
9.010	2040	26.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
9.010	2230	26.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
9.799	1128	25.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					195 5.3 171 171		174 4.7 355 232	
9.799	2219	25.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
9.799	2310	25.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
11.167	1156	19.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					224 4.8 151 150		199 4.2 312 218	
11.167	2303	19.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
12.307	2223	27.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3107$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL09-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
		229 5.2 511 298						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	41.30	1662	6.864
				393 4.9 249 249		354 4.3 513 285		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	41.30	2089	6.864
		249 5.2 470 274						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	38.70	1807	7.466
				428 4.6 229 229		386 4.1 472 259		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	38.70	2156	7.466
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	26.80	1037	9.010
		302 4.9 390 254						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	26.80	2040	9.010
				520 4.0 190 190		468 3.5 391 223		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	26.80	2230	9.010
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	25.30	1128	9.799
		329 4.9 358 233						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	25.30	2219	9.799
				567 3.8 175 175		510 3.3 359 205		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	25.30	2310	9.799
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.50	1156	11.167
375 5.6 152 152		376 4.5 314 219		649 3.3 153 153		584 2.9 315 180		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.50	2303	11.167
416 4.9 138 138		417 3.9 285 156		719 2.9 139 139		646 2.6 286 141		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	27.60	2223	12.307

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

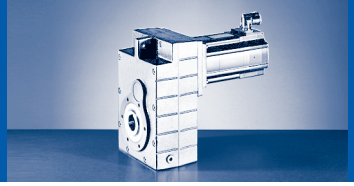
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3107$ Nm

GFL09-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
14.333	1650	20.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					286 5.3 117 117		254 4.7 243 158	
14.333	2374	20.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
16.333	1692	15.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					327 4.8 103 103		291 4.2 213 149	
16.333	2461	15.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
18.407	1906	14.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					369 4.8 91 91		328 4.2 189 132	
18.407	2480	14.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
19.667	1524	12.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			196 5.6 176 148					
19.667	1784	12.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					397 4.2 85 85		352 3.7 177 136	
19.667	2563	12.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
22.164	1717	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			221 5.6 156 131					
22.164	2010	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					447 4.2 76 76		397 3.7 157 121	
22.164	2612	11.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
24.111	1876	9.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					489 3.7 70 70		432 3.6 144 120	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3107$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL09-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	20.00	1650	14.333
487 4.5 119 119		487 3.6 245 149		839 2.7 119 119	325 5.9 174 140	754 2.3 246 135		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	20.00	2374	14.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	15.50	1692	16.333
557 4.1 104 104		557 3.3 215 140		959 2.4 105 105	372 5.3 153 123	861 2.1 216 123		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	15.50	2461	16.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	14.60	1906	18.407
630 3.7 92 92		630 2.9 191 122		1083 2.2 93 93	422 4.8 135 109	973 1.9 191 108	289 5.8 226 109	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	14.60	2480	18.407
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.10	1524	19.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.10	1784	19.667
674 3.6 86 86		674 2.8 179 125		1158 2.1 87 87	452 4.6 127 102	1040 1.8 179 102	309 5.6 212 102	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.10	2563	19.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.30	1717	22.164
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.30	2010	22.164
763 3.2 77 77		762 2.5 158 110		1308 1.9 77 77	512 4.2 112 91	1175 1.7 159 91	350 5.1 188 91	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	11.30	2612	22.164
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.04	1876	24.111

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

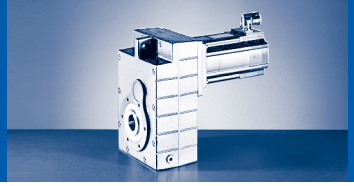
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3107$ Nm

GFL09-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
24.111	2722	9.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
27.173	2114	8.63	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					551 3.7 62 62		487 3.6 128 106	
27.173	2767	8.63	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
32.667	1699	5.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	367 4.5 50 50		331 4.3 106 106					
32.667	1990	5.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					668 2.9 51 51	326 5.7 70 70	591 2.8 107 95	288 5.4 126 95
32.667	2990	5.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
36.815	1915	5.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	413 4.5 44 44		373 4.3 94 94					
36.815	2242	5.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					753 2.9 46 46	367 5.7 63 62	666 2.8 95 85	324 5.4 112 85
36.815	3018	5.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
39.667	1761	4.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	448 3.8 41 41		404 3.7 87 87					
39.667	2061	4.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					815 2.5 42 42	399 4.9 58 58	721 2.4 88 78	352 4.6 104 78
39.667	3107	4.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
44.704	1985	3.92	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	505 3.8 37 37		456 3.7 77 77					

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3107$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL09-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
830 3.2 71 71		827 2.8 146 102		1423 1.9 71 71	554 4.5 103 84	1276 1.8 146 84	379 5.5 173 84	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.04	2722	24.111
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.63	2114	27.173
938 2.9 63 63		934 2.5 129 90		1607 1.7 63 63	628 4.1 92 74	1441 1.6 130 74	430 5.0 153 74	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.63	2767	27.173
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.43	1699	32.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.43	1990	32.667
1132 2.6 52 52	492 5.7 72 72	1126 2.2 108 75						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.43	2990	32.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.21	1915	36.815
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.21	2242	36.815
1279 2.3 46 46	558 5.1 64 64	1273 2.0 95 67	408 5.7 113 67					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.21	3018	36.815
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.07	1761	39.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.07	2061	39.667
1379 2.2 43 43	602 4.9 59 59	1372 1.9 89 62	441 5.5 105 62					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.07	3107	39.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.92	1985	44.704

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

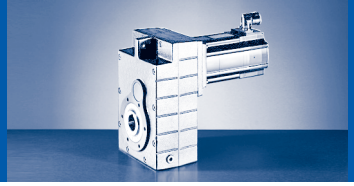
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3107$ Nm

GFL09-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
44.704	2323	3.92	M_2					918	450	812	397
			c					2.5	4.9	2.4	4.6
			$n_{2\,Eck}$					38	52	78	92
			$n_{2\,th}$					38	51	70	70
44.704	3027	3.92	M_2								
			c								
			$n_{2\,Eck}$								
			$n_{2\,th}$								
51.333	1825	2.59	M_2	585	318	527	256				
			c	3.1	5.5	2.9	5.5				
			$n_{2\,Eck}$	32	39	67	80				
			$n_{2\,th}$	32	39	67	70				
51.333	2136	2.59	M_2					1060	522	937	460
			c					2.0	3.9	1.9	3.7
			$n_{2\,Eck}$					33	45	68	80
			$n_{2\,th}$					33	45	61	61
57.852	2057	2.50	M_2	659	359	594	289				
			c	3.1	5.5	2.9	5.5				
			$n_{2\,Eck}$	28	35	60	71				
			$n_{2\,th}$	28	35	60	62				
57.852	2407	2.50	M_2					1194	588	1056	519
			c					2.0	3.9	1.9	3.7
			$n_{2\,Eck}$					29	40	60	71
			$n_{2\,th}$					29	40	54	54
62.300	1854	1.89	M_2	714	390	643	314				
			c	2.6	4.6	2.4	4.6				
			$n_{2\,Eck}$	26	32	56	66				
			$n_{2\,th}$	26	32	55	58				
62.300	2170	1.89	M_2					1291	637	1141	562
			c					1.7	3.3	1.6	3.1
			$n_{2\,Eck}$					27	37	56	66
			$n_{2\,th}$					27	37	50	50
70.211	2090	1.83	M_2	804	440	723	352				
			c	2.6	4.6	2.7	5.1				
			$n_{2\,Eck}$	23	29	49	58				
			$n_{2\,th}$	23	28	49	51				
70.211	2445	1.83	M_2					1454	718	1284	631
			c					1.7	3.3	1.8	3.4
			$n_{2\,Eck}$					24	33	50	59
			$n_{2\,th}$					24	33	44	44
78.750	1631	1.25	M_2	910	500	818	402				
			c	1.8	3.2	1.9	3.6				
			$n_{2\,Eck}$	21	25	44	52				
			$n_{2\,th}$	21	25	44	46				
88.750	1781	1.21	M_2	1026	565	922	453				
			c	1.7	3.1	1.8	3.5				
			$n_{2\,Eck}$	18	23	39	46				
			$n_{2\,th}$	18	23	39	40				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3107$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL09-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.92	2323	44.704
1559 1.9 38 38	684 4.2 52 52	1551 1.7 79 55	501 4.7 93 55					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.92	3027	44.704
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.59	1825	51.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.59	2136	51.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.50	2057	57.852
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.50	2407	57.852
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.89	1854	62.300
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.89	2170	62.300
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.83	2090	70.211
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.83	2445	70.211
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	1631	78.750
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.21	1781	88.750

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

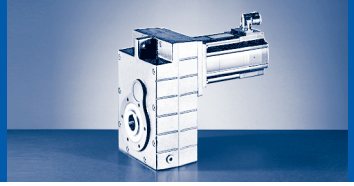
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3170$ Nm

GFL09-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
63.326	1510	2.34	M_2		372	232	718	394	647	317	1299	645	1148	568
			c		3.4	5.1	2.1	3.7	2.0	3.8	1.2	2.3	1.1	2.1
			$n_{2\,Eck}$		54	64	26	32	55	65	27	36	55	65
			$n_{2\,th}$		54	64	26	32	55	57	27	36	49	49
73.173	1517	2.47	M_2		430	268	832	458	748	367	1503	747	1327	657
			c		3.3	4.9	1.8	3.2	1.9	3.6	1.0	2.0	1.1	2.1
			$n_{2\,Eck}$		47	55	22	27	47	56	23	31	48	56
			$n_{2\,th}$		47	55	22	27	47	49	23	31	38	43
82.465	1710	2.43	M_2		485	302	938	516	843	414	1694	842	1496	740
			c		3.3	4.9	1.8	3.2	1.9	3.6	1.0	2.0	1.1	2.1
			$n_{2\,Eck}$		41	49	20	24	42	50	20	28	42	50
			$n_{2\,th}$		41	49	20	24	42	44	20	28	34	38
93.333	1692	1.68	M_2		551	344	1064	586	957	471		956		840
			c		2.9	4.3	1.6	2.8	1.7	3.2		1.8		1.8
			$n_{2\,Eck}$		37	43	18	21	37	44		25		44
			$n_{2\,th}$		37	43	18	21	37	38		25		33
105.185	1907	1.65	M_2		621	388	1199	661	1078	531		1077		947
			c		2.9	4.3	1.6	2.8	1.7	3.2		1.8		1.8
			$n_{2\,Eck}$		32	39	16	19	33	39		22		39
			$n_{2\,th}$		32	39	16	19	33	34		22		30
114.333	1847	1.23	M_2		677	424	1306	720	1174	579		1173		1031
			c		2.6	3.8	1.4	2.5	1.5	2.8		1.6		1.6
			$n_{2\,Eck}$		30	35	14	18	30	36		20		36
			$n_{2\,th}$		30	35	14	17	30	31		20		27
128.852	2082	1.21	M_2		763	478	1471	812	1323	652		1322		1162
			c		2.6	3.8	1.4	2.5	1.5	2.8		1.6		1.6
			$n_{2\,Eck}$		27	31	13	16	27	32		18		32
			$n_{2\,th}$		26	31	13	16	27	28		18		24
148.815	2053	0.77	M_2		885	555	1703	941	1532	757				
			c		2.2	3.3	1.2	2.2	1.3	2.4				
			$n_{2\,Eck}$		23	27	11	13	23	28				
			$n_{2\,th}$		23	27	11	13	23	24				
167.712	2314	0.76	M_2		997	626	1919	1061	1726	853				
			c		2.2	3.3	1.2	2.2	1.3	2.4				
			$n_{2\,Eck}$		20	24	10	12	21	25				
			$n_{2\,th}$		20	24	10	12	21	21				
185.111	2232	0.55	M_2	336	1104	694	2122	1174	1908	944				
			c	5.8	1.9	2.9	1.1	1.9	1.1	2.1				
			$n_{2\,Eck}$	21	18	22	9	11	19	22				
			$n_{2\,th}$	21	18	22	9	11	19	19				
208.617	2515	0.54	M_2	379	1244	782	2391	1323	2151	1064				
			c	5.8	1.9	2.9	1.1	1.9	1.1	2.1				
			$n_{2\,Eck}$	19	16	19	8	10	17	20				
			$n_{2\,th}$	19	16	19	8	10	17	17				
224.778	2407	0.51	M_2	411	1343	845		1429		1149				
			c	5.1	1.7	2.5		1.7		1.9				
			$n_{2\,Eck}$	18	15	18		9		18				
			$n_{2\,th}$	18	15	18		9		16				
253.321	2712	0.50	M_2	463	1514	953		1611		1295				
			c	5.1	1.7	2.5		1.7		1.9				
			$n_{2\,Eck}$	16	14	16		8		16				
			$n_{2\,th}$	16	13	16		8		14				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3170$ Nm

GFL09-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
290.889	2640	0.31	M_2	537	1743	1099								
			c	4.3	1.5	2.2								
			$n_{2\,Eck}$	14	12	14								
			$n_{2\,th}$	14	12	14								
327.827	2976	0.31	M_2	605	1965	1238								
			c	4.3	1.5	2.2								
			$n_{2\,Eck}$	12	10	12								
			$n_{2\,th}$	12	10	12								
353.033	2813	0.23	M_2	655	2120	1337								
			c	3.8	1.3	1.9								
			$n_{2\,Eck}$	11	10	12								
			$n_{2\,th}$	11	10	11								
397.863	3170	0.22	M_2	738	2389	1507								
			c	3.8	1.3	1.9								
			$n_{2\,Eck}$	10	9	10								
			$n_{2\,th}$	10	9	10								
424.247	2724	0.29	M_2	793	2554	1613								
			c	3.1	1.0	1.5								
			$n_{2\,Eck}$	9	8	10								
			$n_{2\,th}$	9	8	10								
514.881	2724	0.21	M_2	968		1963								
			c	2.5		1.3								
			$n_{2\,Eck}$	8		8								
			$n_{2\,th}$	8		8								
554.470	2113	0.20	M_2	1051										
			c	1.8										
			$n_{2\,Eck}$	7										
			$n_{2\,th}$	7										
624.879	2273	0.20	M_2	1185										
			c	1.7										
			$n_{2\,Eck}$	6										
			$n_{2\,th}$	6										
700.875	2113	0.13	M_2	1333										
			c	1.4										
			$n_{2\,Eck}$	6										
			$n_{2\,th}$	6										
789.875	2273	0.13	M_2	1504										
			c	1.4										
			$n_{2\,Eck}$	5										
			$n_{2\,th}$	5										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

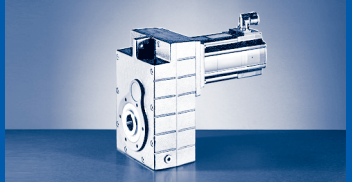
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5561$ Nm

GFL11-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35
				...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00
			n_1	1635	2000	3455	4100	1680	2300	3480
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04
9.010	3570	79.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
9.799	3767	74.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
10.720	2595	65.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
10.720	3818	65.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
12.480	3466	81.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
14.538	3718	58.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
15.904	3800	51.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
17.920	3789	48.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
20.286	2281	36.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					405 5.2 83 83		360 4.6 172 112
20.286	4045	36.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
22.857	2570	34.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					456 5.2 74 74		406 4.6 152 99
22.857	4037	34.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
24.850	4268	26.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5561$ Nm

17NC41	19SC17	19SC23	19SC35	21XC17	21XC25	21XC35	21XC42	GFL11-2A			
...S00	...F10	...S00	...F10	...F10	...S00	...F10	...S00				
9.50	36.30	16.30	36.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
4110	1700	2340	3510	1710	2490	3520	4160	n_1			
10.2	13.9	8.2	28.7	22.5	13.5	42.5	19.8	$I_{M\,400}$			
4.10	6.40	4.00	13.20	11.00	6.40	20.30	7.40	P_N			
36.04	72.12	72.12	72.04	180.04	180.04	180.04	180.04	J_M			
						458 5.6 391 223		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	79.60	3570	9.010
						499 5.4 359 205		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	74.80	3767	9.799
			358 5.2 327 191					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	65.00	2595	10.720
				608 5.7 160 160		548 5.0 328 188		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	65.00	3818	10.720
				717 4.5 137 132		646 3.9 282 128		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	81.50	3466	12.480
				838 4.1 118 118		755 3.6 242 126		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	58.40	3718	14.538
			532 5.2 221 128	920 3.8 108 108		828 3.4 221 117		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	51.30	3800	15.904
	600 5.8 95 95		603 4.6 196 111	1041 3.4 95 95		937 3.0 196 101		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	48.30	3789	17.920
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	36.10	2281	20.286
	682 5.4 84 84		684 4.3 173 110	1181 3.2 84 84		1062 2.8 174 99		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	36.10	4045	20.286
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	34.30	2570	22.857
	773 4.8 74 74		775 3.8 154 95	1336 2.8 75 75		1201 2.5 154 86		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	34.30	4037	22.857
	840 4.9 68 68		839 4.2 141 99	1452 2.9 69 69		1302 2.8 142 81		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	26.90	4268	24.850

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

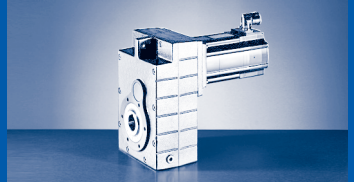
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5561$ Nm

GFL11-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35
				...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00
			n_1	1635	2000	3455	4100	1680	2300	3480
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04
28.000	4263	25.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
32.739	2533	17.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					664 3.7 51 51		587 3.6 106 88
32.739	4603	17.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
36.889	2855	16.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					748 3.7 46 46		662 3.6 94 78
36.889	4601	16.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
40.233	2607	12.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					821 3.1 42 42		726 3.0 87 77
40.233	4882	12.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
45.333	2938	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					925 3.1 37 37		818 3.0 77 69
45.333	4881	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
52.067	2307	8.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	589 3.8 31 31		531 3.6 66 66				
52.067	2701	8.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1069 2.5 32 32	524 4.9 44 44	946 2.4 67 60
52.067	5251	8.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
58.667	2599	7.81	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	663 3.8 28 28		598 3.6 59 59				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5561$ Nm

17NC41	19SC17	19SC23	19SC35	21XC17	21XC25	21XC35	21XC42	GFL11-2A			
...S00	...F10	...S00	...F10	...F10	...S00	...F10	...S00				
9.50	36.30	16.30	36.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
4110	1700	2340	3510	1710	2490	3520	4160	n_1			
10.2	13.9	8.2	28.7	22.5	13.5	42.5	19.8	$I_{M\,400}$			
4.10	6.40	4.00	13.20	11.00	6.40	20.30	7.40	P_N			
36.04	72.12	72.12	72.04	180.04	180.04	180.04	180.04	J_M			
	952 4.3 61 61		950 3.7 125 87	1641 2.6 61 61		1472 2.4 126 72		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	25.70	4263	28.000
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.10	2533	32.739
	1117 4.0 52 52		1115 3.5 107 75	1923 2.4 52 52	744 5.7 76 62	1724 2.3 108 62		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.10	4603	32.739
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	16.50	2855	36.889
	1265 3.5 46 46		1261 3.1 95 66	2173 2.1 46 46	844 5.0 68 55	1948 2.0 95 55		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	16.50	4601	36.889
353 5.7 102 77								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.60	2607	40.233
	1381 3.5 42 42		1377 3.0 87 61	2371 2.0 43 43	922 4.9 62 50	2126 1.9 88 50	630 6.0 103 50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.60	4882	40.233
398 5.7 91 69								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.20	2938	45.333
	1563 3.1 38 38		1557 2.6 77 54	2678 1.8 38 38	1045 4.3 55 44	2401 1.7 78 44	715 5.3 92 44	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.20	4881	45.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.08	2307	52.067
462 4.6 79 60								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.08	2701	52.067
	1799 2.9 33 33		1791 2.5 67 47					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.08	5251	52.067
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.81	2599	58.667

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

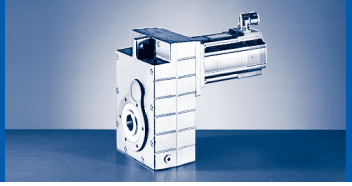
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5561$ Nm

GFL11-2A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35
				...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00
			n_1	1635	2000	3455	4100	1680	2300	3480
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04
58.667	3044	7.81	M_2					1205	590	1066
			c					2.5	4.9	2.4
			$n_{2\,Eck}$					29	39	59
			$n_{2\,th}$					29	39	53
58.667	5254	7.81	M_2							
			c							
			$n_{2\,Eck}$							
			$n_{2\,th}$							
63.190	2344	5.90	M_2	719	391	648	315			
			c	3.2	5.7	3.1	5.8			
			$n_{2\,Eck}$	26	32	55	65			
			$n_{2\,th}$	26	32	55	57			
63.190	2745	5.90	M_2					1303	641	1153
			c					2.1	4.1	2.0
			$n_{2\,Eck}$					27	36	55
			$n_{2\,th}$					27	36	49
63.190	5557	5.90	M_2							
			c							
			$n_{2\,Eck}$							
			$n_{2\,th}$							
71.200	2641	5.72	M_2	810	440	728				
			c	3.2	5.7	3.4				
			$n_{2\,Eck}$	23	28	49				
			$n_{2\,th}$	23	28	49				
71.200	3093	5.72	M_2					1469	722	1296
			c					2.1	4.2	2.2
			$n_{2\,Eck}$					24	32	49
			$n_{2\,th}$					24	32	44
71.200	5561	5.72	M_2							
			c							
			$n_{2\,Eck}$							
			$n_{2\,th}$							
79.875	2381	3.87	M_2	915	500	822	401			
			c	2.6	4.6	2.7	5.1			
			$n_{2\,Eck}$	21	25	43	51			
			$n_{2\,th}$	20	25	43	45			
79.875	2789	3.87	M_2					1655	817	1460
			c					1.7	3.3	1.8
			$n_{2\,Eck}$					21	29	44
			$n_{2\,th}$					21	29	39
90.000	2683	3.76	M_2	1031	563	926	451			
			c	2.6	4.6	2.7	5.1			
			$n_{2\,Eck}$	18	22	38	46			
			$n_{2\,th}$	18	22	38	40			
90.000	3143	3.76	M_2					1864	920	1645
			c					1.7	3.3	1.8
			$n_{2\,Eck}$					19	26	39
			$n_{2\,th}$					19	26	35

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5561$ Nm

17NC41	19SC17	19SC23	19SC35	21XC17	21XC25	21XC35	21XC42	GFL11-2A			
...S00	...F10	...S00	...F10	...F10	...S00	...F10	...S00				
9.50	36.30	16.30	36.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
4110	1700	2340	3510	1710	2490	3520	4160	n_1			
10.2	13.9	8.2	28.7	22.5	13.5	42.5	19.8	$I_{M\,400}$			
4.10	6.40	4.00	13.20	11.00	6.40	20.30	7.40	P_N			
36.04	72.12	72.12	72.04	180.04	180.04	180.04	180.04	J_M			
521 4.6 70 53								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.81	3044	58.667
	2033 2.5 29 29	884 5.6 40 40	2024 2.2 60 42					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.81	5254	58.667
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.90	2344	63.190
565 3.8 65 49								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.90	2745	63.190
	2191 2.5 27 27	954 5.5 37 37	2181 2.2 56 39					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.90	5557	63.190
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.72	2641	71.200
634 4.2 58 44								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.72	3093	71.200
	2476 2.2 24 24	1080 4.9 33 33	2458 2.1 49 34					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.72	5561	71.200
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.87	2381	79.875
718 3.4 52 39								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.87	2789	79.875
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.76	2683	90.000
809 3.4 46 35								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.76	3143	90.000

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

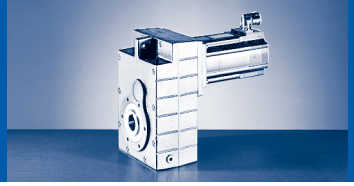
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5952$ Nm

GFL11-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04
65.306	2891	6.97	M_2				727		652		1326
			c				3.9		4.1		2.2
			$n_{2\,Eck}$				25		53		26
			$n_{2\,th}$				25		53		26
73.335	2875	7.84	M_2				820		736		1492
			c				3.4		3.6		1.9
			$n_{2\,Eck}$				22		47		23
			$n_{2\,th}$				22		47		23
82.631	3240	7.71	M_2				924		829		1682
			c				3.4		3.6		1.9
			$n_{2\,Eck}$				20		42		20
			$n_{2\,th}$				20		42		20
93.540	3206	5.05	M_2		537		1050	572	944	458	1909
			c		5.5		3.0	5.4	3.2	6.0	1.7
			$n_{2\,Eck}$		37		18	21	37	44	18
			$n_{2\,th}$		36		17	21	37	38	18
105.397	3613	4.97	M_2		605		1184	644	1063	516	2150
			c		5.5		3.0	5.4	3.2	6.0	1.7
			$n_{2\,Eck}$		32		16	19	33	39	16
			$n_{2\,th}$		32		16	19	33	34	16
114.586	3501	3.71	M_2				1291	705	1160	565	2342
			c				2.7	4.8	2.8	5.3	1.5
			$n_{2\,Eck}$				14	18	30	36	15
			$n_{2\,th}$				14	17	30	31	15
129.111	3945	3.66	M_2				1455	794	1307	636	2639
			c				2.7	4.8	2.8	5.3	1.5
			$n_{2\,Eck}$				13	16	27	32	13
			$n_{2\,th}$				13	15	27	28	13
149.144	3894	2.30	M_2		868		1688	924	1517	741	3056
			c		4.2		2.3	4.1	2.4	4.6	1.3
			$n_{2\,Eck}$		23		11	13	23	28	11
			$n_{2\,th}$		23		11	13	23	24	11
168.049	4387	2.27	M_2		978		1901	1041	1709	835	3443
			c		4.2		2.3	4.1	2.4	4.6	1.3
			$n_{2\,Eck}$		20		10	12	21	24	10
			$n_{2\,th}$		20		10	12	21	21	10
182.792	4233	1.66	M_2		1070	666	2074	1138	1864	913	3751
			c		3.7	5.5	2.0	3.6	2.1	4.0	1.1
			$n_{2\,Eck}$		19	22	9	11	19	22	9
			$n_{2\,th}$		19	22	9	11	19	20	9
205.963	4769	1.64	M_2		1205	750	2337	1283	2100	1029	4226
			c		3.7	5.5	2.0	3.6	2.1	4.0	1.1
			$n_{2\,Eck}$		17	20	8	10	17	20	8
			$n_{2\,th}$		17	20	8	10	17	17	8
224.636	4523	1.52	M_2		1321	825	2556	1406	2298	1129	
			c		3.2	4.8	1.8	3.2	1.9	3.5	
			$n_{2\,Eck}$		15	18	7	9	15	18	
			$n_{2\,th}$		15	18	7	9	15	16	
253.111	5097	1.50	M_2		1489	929	2880	1584	2589	1272	
			c		3.2	4.8	1.8	3.2	1.9	3.5	
			$n_{2\,Eck}$		14	16	7	8	14	16	
			$n_{2\,th}$		13	16	6	8	14	14	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5952$ Nm

17NC23	17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC25	21XC42	GFL11-3A			
...S00	...F10	...S00	...F10	...S00	...F10	...S00	...S00	...S00				
10.80	19.00	9.50	36.30	16.30	36.00	12.00	24.60	17.00	M_1	J_G	$M_{2\,GN}$	i
2300	3480	4110	1700	2340	3510	4150	2490	4160	n_1			
5.5	15.8	10.2	13.9	8.2	28.7	14.0	13.5	19.8	$I_{M\,400}$			
2.60	6.90	4.10	6.40	4.00	13.20	5.20	6.40	7.40	P_N			
36.04	36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	J_M			
651	1169	572	2259	998	2242	730			M_2	6.97	2891	65.306
4.3	2.3	4.4	1.3	2.8	1.2	3.5			c			
35	53	63	26	36	54	64			$n_{2\,Eck}$			
35	48	48	26	36	37	37			$n_{2\,th}$			
735	1317	646	2541	1124	2521	823	1712	1177	M_2	7.84	2875	73.335
3.8	2.1	3.9	1.1	2.5	1.1	3.1	1.7	2.2	c			
31	48	56	23	32	48	57	34	57	$n_{2\,Eck}$			
31	42	42	23	32	31	33	27	27	$n_{2\,th}$			
828	1484	728	2863	1267	2840	927	1929	1326	M_2	7.71	3240	82.631
3.8	2.1	3.9	1.1	2.5	1.1	3.1	1.7	2.2	c			
28	42	50	21	28	43	50	30	50	$n_{2\,Eck}$			
28	38	38	21	28	28	30	24	24	$n_{2\,th}$			
942	1684	828		1439		1054			M_2	5.05	3206	93.540
3.3	1.8	3.4		2.2		2.7			c			
25	37	44		25		44			$n_{2\,Eck}$			
25	33	33		25		26			$n_{2\,th}$			
1061	1898	933		1621		1187			M_2	4.97	3613	105.397
3.3	1.8	3.4		2.2		2.7			c			
22	33	39		22		39			$n_{2\,Eck}$			
22	30	30		22		23			$n_{2\,th}$			
1158	2068	1018		1767		1295			M_2	3.71	3501	114.586
3.0	1.6	3.0		2.0		2.4			c			
20	30	36		20		36			$n_{2\,Eck}$			
20	27	27		20		21			$n_{2\,th}$			
1305	2330	1147		1991		1459			M_2	3.66	3945	129.111
3.0	1.6	3.0		2.0		2.4			c			
18	27	32		18		32			$n_{2\,Eck}$			
18	24	24		18		19			$n_{2\,th}$			
1515	2698	1332							M_2	2.30	3894	149.144
2.5	1.4	2.6							c			
15	23	28							$n_{2\,Eck}$			
15	21	21							$n_{2\,th}$			
1707	3040	1500							M_2	2.27	4387	168.049
2.5	1.4	2.6							c			
14	21	25							$n_{2\,Eck}$			
14	19	19							$n_{2\,th}$			
1862	3312	1637							M_2	1.66	4233	182.792
2.2	1.2	2.3							c			
13	19	23							$n_{2\,Eck}$			
13	17	17							$n_{2\,th}$			
2098	3731	1845							M_2	1.64	4769	205.963
2.2	1.2	2.3							c			
11	17	20							$n_{2\,Eck}$			
11	15	15							$n_{2\,th}$			
2295	4077	2018							M_2	1.52	4523	224.636
2.0	1.1	2.0							c			
10	16	18							$n_{2\,Eck}$			
10	14	14							$n_{2\,th}$			
2586	4593	2274							M_2	1.50	5097	253.111
2.0	1.1	2.0							c			
9	14	16							$n_{2\,Eck}$			
9	12	12							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

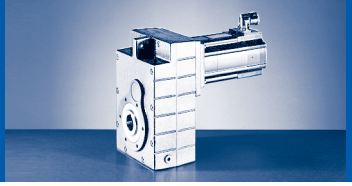
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 5952$ Nm

GFL11-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04
267.259	5106	1.87	M_2		1575	984	3044	1676	2736	1346	
			c		3.0	4.5	1.7	3.0	1.8	3.3	
			$n_{2\,Eck}$		13	15	6	8	13	15	
			$n_{2\,th}$		13	15	6	7	13	13	
327.556	5523	1.37	M_2		1937	1213	3738	2061	3361	1656	
			c		2.7	4.0	1.5	2.6	1.6	2.9	
			$n_{2\,Eck}$		10	12	5	6	11	13	
			$n_{2\,th}$		10	12	5	6	11	11	
358.077	4423	0.68	M_2	649							
			c	5.9							
			$n_{2\,Eck}$	11							
			$n_{2\,th}$	11							
358.077	5283	0.68	M_2		2125	1333	4094	2261	3682	1817	
			c		2.4	3.5	1.3	2.3	1.4	2.6	
			$n_{2\,Eck}$		10	11	5	6	10	12	
			$n_{2\,th}$		10	11	5	6	10	10	
403.467	4984	0.67	M_2	732							
			c	5.9							
			$n_{2\,Eck}$	10							
			$n_{2\,th}$	10							
403.467	5952	0.67	M_2		2395	1502	4613	2548	4148	2048	
			c		2.4	3.5	1.3	2.3	1.4	2.6	
			$n_{2\,Eck}$		9	10	4	5	9	10	
			$n_{2\,th}$		8	10	4	5	9	9	
430.222	5942	0.85	M_2		2558	1606	4923	2721	4428	2187	
			c		2.2	3.3	1.2	2.2	1.3	2.4	
			$n_{2\,Eck}$		8	9	4	5	8	10	
			$n_{2\,th}$		8	9	4	5	8	8	
522.133	5942	0.62	M_2	952	3117	1961		3316	5386	2667	
			c	5.4	1.8	2.7		1.8	1.1	2.0	
			$n_{2\,Eck}$	8	7	8		4	7	8	
			$n_{2\,th}$	8	7	8		4	7	7	
562.391	5319	0.60	M_2	1035	3368	2122		3583		2883	
			c	4.5	1.5	2.2		1.5		1.7	
			$n_{2\,Eck}$	7	6	7		4		7	
			$n_{2\,th}$	7	6	7		4		6	
633.680	5844	0.60	M_2	1168	3797	2392		4039		3249	
			c	4.4	1.5	2.2		1.4		1.6	
			$n_{2\,Eck}$	6	5	6		3		7	
			$n_{2\,th}$	6	5	6		3		6	
710.888	5319	0.39	M_2	1322	4272	2696					
			c	3.6	1.2	1.8					
			$n_{2\,Eck}$	6	5	6					
			$n_{2\,th}$	6	5	6					
801.000	5844	0.38	M_2	1491	4814	3039					
			c	3.5	1.2	1.7					
			$n_{2\,Eck}$	5	4	5					
			$n_{2\,th}$	5	4	5					

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 5952$ Nm

17NC23	17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC25	21XC42	GFL11-3A			
...S00	...F10	...S00	...F10	...S00	...F10	...S00	...S00	...S00				
10.80	19.00	9.50	36.30	16.30	36.00	12.00	24.60	17.00	M_1	J_G	$M_{2\,GN}$	i
2300	3480	4110	1700	2340	3510	4150	2490	4160	n_1			
5.5	15.8	10.2	13.9	8.2	28.7	14.0	13.5	19.8	$I_{M\,400}$			
2.60	6.90	4.10	6.40	4.00	13.20	5.20	6.40	7.40	P_N			
36.04	36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	J_M			
2734 1.9 9 9	4853 1.0 13 12	2404 1.9 15 12							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.87	5106	267.259
3358 1.6 7 7		2953 1.7 13 10							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.37	5523	327.556
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.68	4423	358.077
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.68	5283	358.077
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.67	4984	403.467
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.67	5952	403.467
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.85	5942	430.222
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.62	5942	522.133
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.60	5319	562.391
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.60	5844	633.680
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.39	5319	710.888
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.38	5844	801.000

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

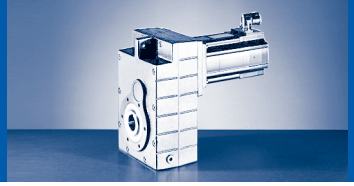
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 10639$ Nm

GFL14-2A				19SC17	19SC23	19SC35	21XC17	21XC35
				...F10	...S00	...F10	...F10	...F10
i	$M_{2\,GN}$	J_G	M_1	36.30	16.30	36.00	61.40	55.00
			n_1	1700	2340	3510	1710	3520
			$I_{M\,400}$	13.9	8.2	28.7	22.5	42.5
			P_N	6.40	4.00	13.20	11.00	20.30
			J_M	72.12	72.12	72.04	180.04	180.04
19.948	7873	111.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1014 5.6 177 101
22.476	8870	105.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1143 5.6 157 90
24.456	8282	83.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1387 5.7 70 70	1245 5.4 144 82
27.556	9331	79.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1562 5.7 62 62	1403 5.4 128 73
32.344	6387	52.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1085 5.6 53 53		1085 4.8 109 76		
32.344	8734	52.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1857 4.5 53 53	1667 4.3 109 62
36.444	7196	50.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1223 5.6 47 47		1223 4.8 96 67		
36.444	9841	50.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				2092 4.5 47 47	1878 4.3 97 55
39.642	6916	38.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1339 5.0 43 43		1338 4.3 89 62		
39.642	9101	38.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				2292 3.9 43 43	2057 3.7 89 51
44.667	7793	36.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1509 5.0 38 38		1507 4.3 79 55		
44.667	10254	36.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				2583 3.9 38 38	2318 3.7 79 45
52.067	7136	24.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1779 3.9 33 33		1774 3.4 67 47		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 10639$ Nm

GFL14-2A				19SC17	19SC23	19SC35	21XC17	21XC35
				...F10	...S00	...F10	...F10	...F10
i	$M_{2\,GN}$	J_G	M_1	36.30	16.30	36.00	61.40	55.00
			n_1	1700	2340	3510	1710	3520
			$I_{M\,400}$	13.9	8.2	28.7	22.5	42.5
			P_N	6.40	4.00	13.20	11.00	20.30
			J_M	72.12	72.12	72.04	180.04	180.04
52.067	9389	24.60	M_2				3037	2724
			c				3.0	2.9
			$n_{2\,Eck}$				33	68
			$n_{2\,th}$				33	39
58.667	8041	23.80	M_2	2005		1999		
			c	3.9		3.4		
			$n_{2\,Eck}$	29		60		
			$n_{2\,th}$	29		42		
58.667	10579	23.80	M_2				3422	3070
			c				3.0	2.9
			$n_{2\,Eck}$				29	60
			$n_{2\,th}$				29	34
63.190	7250	18.00	M_2	2174		2166		
			c	3.3		2.8		
			$n_{2\,Eck}$	27		56		
			$n_{2\,th}$	27		39		
63.190	9540	18.00	M_2				3705	3323
			c				2.5	2.4
			$n_{2\,Eck}$				27	56
			$n_{2\,th}$				27	32
71.200	8169	17.40	M_2	2449		2433		
			c	3.3		3.1		
			$n_{2\,Eck}$	24		49		
			$n_{2\,th}$	24		34		
71.200	10639	17.40	M_2				4176	3735
			c				2.5	2.7
			$n_{2\,Eck}$				24	49
			$n_{2\,th}$				24	28
79.875	7015	11.80	M_2	2770	1204	2750		
			c	2.5	5.6	2.4		
			$n_{2\,Eck}$	21	29	44		
			$n_{2\,th}$	21	29	31		
90.000	7905	11.50	M_2	3121	1357	3099		
			c	2.5	5.6	2.4		
			$n_{2\,Eck}$	19	26	39		
			$n_{2\,th}$	19	26	27		

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

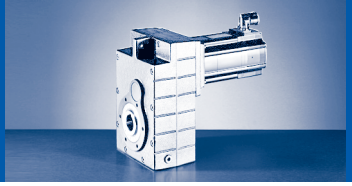
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11615$ Nm

GFL14-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
64.296	5610	26.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1276 4.3 26 26		1129 4.1 54 48	
68.708	5416	19.86	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1370 3.8 25 24		1207 4.1 51 45	
77.418	6103	19.38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1543 3.8 22 22		1360 4.1 45 40	
85.037	6276	21.59	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1700 3.6 20 20		1498 3.9 41 36	
104.889	5375	9.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1159 4.5 16 16		1040 4.7 33 33					
104.889	6292	9.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					2112 2.9 16 16	1028 5.8 22 22	1862 3.1 33 30	903 6.0 39 30
104.889	6888	9.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
114.126	5848	8.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1261 4.5 14 14		1132 4.7 30 30					
114.126	6719	8.32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					2299 2.9 15 15	1120 5.7 20 20	2027 3.1 31 27	984 5.8 36 27
128.593	6589	8.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1421 4.5 13 13		1275 4.7 27 27					
128.593	7571	8.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					2591 2.9 13 13	1262 5.7 18 18	2284 3.1 27 24	1108 5.8 32 24
136.889	7359	16.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					2765 2.6 12 12	1351 5.2 17 17	2438 2.8 25 21	1186 5.3 30 23
156.148	6830	5.92	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1738 3.8 11 10		1560 4.0 22 22					

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11615$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL14-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
2195	955	2185		3754	1471	3365	1008	M_2	26.32	5610	64.296
2.5	5.5	2.2		1.5	3.6	1.4	4.3	c			
26	36	55		27	39	55	65	$n_{2\,Eck}$			
26	36	38		27	31	31	31	$n_{2\,th}$			
2352	1025	2335		4017	1576	3596	1077	M_2	19.86	5416	68.708
2.3	5.1	2.2		1.3	3.4	1.4	4.4	c			
25	34	51		25	36	51	61	$n_{2\,Eck}$			
25	34	36		25	29	29	29	$n_{2\,th}$			
2650	1155	2631		4526	1775	4051	1214	M_2	19.38	6103	77.418
2.3	5.1	2.2		1.3	3.4	1.4	4.4	c			
22	30	45		22	32	46	54	$n_{2\,Eck}$			
22	30	32		22	26	26	26	$n_{2\,th}$			
2915	1273	2894	926	4976	1954	4454	1337	M_2	21.59	6276	85.037
2.1	4.7	2.0	5.8	1.3	3.1	1.3	4.1	c			
20	28	41	49	20	29	41	49	$n_{2\,Eck}$			
20	28	29	29	20	24	24	24	$n_{2\,th}$			
								M_2	9.32	5375	104.889
								c			
								$n_{2\,Eck}$			
								$n_{2\,th}$			
								M_2	9.32	6292	104.889
								c			
								$n_{2\,Eck}$			
								$n_{2\,th}$			
3605	1579	3578	1151					M_2	9.32	6888	104.889
1.9	4.2	1.8	5.1					c			
16	22	34	40					$n_{2\,Eck}$			
16	22	23	23					$n_{2\,th}$			
								M_2	8.32	5848	114.126
								c			
								$n_{2\,Eck}$			
								$n_{2\,th}$			
3930	1726	3901	1259					M_2	8.32	6719	114.126
1.7	3.8	1.6	4.6					c			
15	21	31	36					$n_{2\,Eck}$			
15	21	21	21					$n_{2\,th}$			
								M_2	8.14	6589	128.593
								c			
								$n_{2\,Eck}$			
								$n_{2\,th}$			
4428	1945	4395	1419					M_2	8.14	7571	128.593
1.7	3.8	1.6	4.6					c			
13	18	27	32					$n_{2\,Eck}$			
13	18	19	19					$n_{2\,th}$			
4721	2078	4686	1517		3175		2178	M_2	16.78	7359	136.889
1.6	3.5	1.5	4.2		2.3		3.0	c			
12	17	26	30		18		30	$n_{2\,Eck}$			
12	17	16	18		15		15	$n_{2\,th}$			
								M_2	5.92	6830	156.148
								c			
								$n_{2\,Eck}$			
								$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

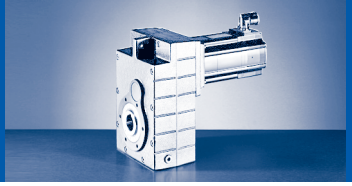
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11615$ Nm

GFL14-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
156.148	7992	5.92	M_2					3158	1545	2785	1357
			c					2.5	5.0	2.7	5.1
			$n_{2\,Eck}$					11	15	22	26
			$n_{2\,th}$					11	15	20	20
156.148	8227	5.92	M_2								
			c								
			$n_{2\,Eck}$								
			$n_{2\,th}$								
170.074	8408	6.96	M_2	1883		1690		3443	1686	3037	1481
			c	4.3		4.6		2.4	4.8	2.6	4.9
			$n_{2\,Eck}$	10		20		10	14	21	24
			$n_{2\,th}$	10		20		10	14	18	18
202.074	7076	3.69	M_2	2268	1233	2037					
			c	3.1	5.5	3.2					
			$n_{2\,Eck}$	8	10	17					
			$n_{2\,th}$	8	10	17					
202.074	8281	3.69	M_2					4109	2021	3625	1776
			c					2.0	4.0	2.2	4.1
			$n_{2\,Eck}$					8	11	17	20
			$n_{2\,th}$					8	11	15	15
224.636	8739	4.74	M_2	2512		2256		4572	2251	4035	1978
			c	3.4		3.6		1.9	3.8	2.0	3.9
			$n_{2\,Eck}$	7		15		8	10	16	18
			$n_{2\,th}$	7		15		7	10	14	14
253.111	9846	4.70	M_2	2830		2541		5152	2537	4546	2229
			c	3.4		3.6		1.9	3.8	2.0	3.9
			$n_{2\,Eck}$	7		14		7	9	14	16
			$n_{2\,th}$	6		14		7	9	12	12
273.778	9753	5.76	M_2	3071	1669	2758		5582	2753	4926	2420
			c	3.1	5.6	3.3		1.7	3.5	1.9	3.5
			$n_{2\,Eck}$	6	7	13		6	8	13	15
			$n_{2\,th}$	6	7	13		6	8	11	11
332.444	10550	4.30	M_2	3742	2041	3362	1634	6792	3357	5995	2950
			c	2.8	5.0	2.9	5.5	1.5	3.1	1.7	3.2
			$n_{2\,Eck}$	5	6	10	12	5	7	11	12
			$n_{2\,th}$	5	6	10	11	5	7	9	9
352.811	10343	2.16	M_2	3980	2174	3576	1742				
			c	2.6	4.6	2.7	5.1				
			$n_{2\,Eck}$	5	6	10	12				
			$n_{2\,th}$	5	6	10	10				
352.811	10389	2.16	M_2					7216	3571	6370	3139
			c					1.4	2.9	1.5	2.9
			$n_{2\,Eck}$					5	7	10	12
			$n_{2\,th}$					5	7	9	9
397.533	11615	2.15	M_2	4485	2451	4030	1963	8132	4024	7178	3537
			c	2.6	4.6	2.7	5.1	1.4	2.8	1.5	2.9
			$n_{2\,Eck}$	4	5	9	10	4	6	9	10
			$n_{2\,th}$	4	5	9	9	4	6	8	8
430.222	10560	2.73	M_2	4875	2673	4381	2144	8822	4376	7788	3847
			c	2.1	3.8	2.3	4.3	1.2	2.4	1.3	2.4
			$n_{2\,Eck}$	4	5	8	10	4	5	8	10
			$n_{2\,th}$	4	5	8	8	4	5	7	7

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

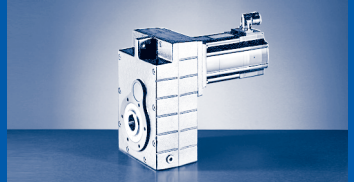


$M_{2\,GN} \leq 11615$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL14-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.92	7992	156.148
5388 1.5 11 11	2372 3.4 15 15	5347 1.5 23 16	1732 4.1 27 16					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.92	8227	156.148
5874 1.4 10 10	2589 3.2 14 14	5829 1.4 21 14	1892 3.9 24 14					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.96	8408	170.074
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.69	7076	202.074
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.69	8281	202.074
7783 1.1 8 8	3444 2.5 10 10	7723 1.1 16 11	2521 3.0 19 11					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.74	8739	224.636
8769 1.1 7 7	3881 2.5 9 9	8701 1.1 14 10	2841 3.0 16 10					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.70	9846	253.111
9495 1.0 6 6	4207 2.3 9 9		3081 2.8 15 9					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.76	9753	273.778
	5122 2.0 7 7		3753 2.5 13 7					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.30	10550	332.444
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.16	10343	352.811
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.16	10389	352.811
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.15	11615	397.533
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.73	10560	430.222

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

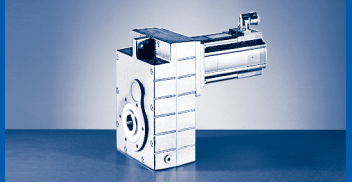


$M_{2\,GN} \leq 11615$ Nm

GFL14-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
522.133	10560	1.98	M_2	5940	3268	5340	2623		5335	9475	4690
			c	1.8	3.2	1.9	3.5		2.0	1.1	2.0
			$n_{2\,Eck}$	3	4	7	8		4	7	8
			$n_{2\,th}$	3	4	7	7		4	6	6
562.391	9036	1.91	M_2	6422	3544	5775	2847		5771		5074
			c	1.4	2.5	1.5	2.8		1.6		1.6
			$n_{2\,Eck}$	3	4	6	7		4		7
			$n_{2\,th}$	3	4	6	6		4		6
633.680	9811	1.90	M_2	7240	3997	6511	3212		6506		5721
			c	1.4	2.4	1.4	2.7		1.5		1.5
			$n_{2\,Eck}$	3	3	6	7		4		7
			$n_{2\,th}$	3	3	5	6		4		5
710.888	9036	1.26	M_2	8143	4505	7324	3622				
			c	1.1	2.0	1.2	2.2				
			$n_{2\,Eck}$	2	3	5	6				
			$n_{2\,th}$	2	3	5	5				
801.000	9811	1.25	M_2	9179	5080	8256	4084				
			c	1.1	1.9	1.1	2.1				
			$n_{2\,Eck}$	2	3	4	5				
			$n_{2\,th}$	2	3	4	4				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

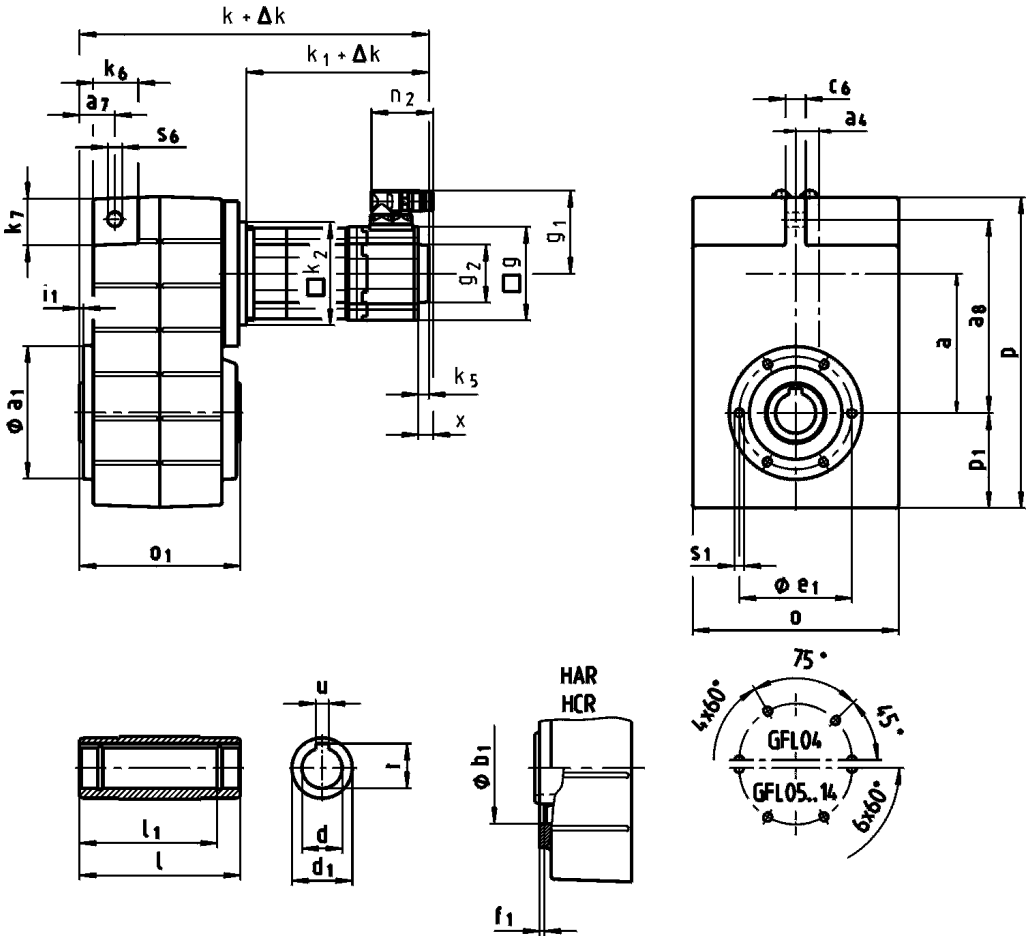


$M_{2\,GN} \leq 11615$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GFL14-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.98	10560	522.133
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.91	9036	562.391
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.90	9811	633.680
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.26	9036	710.888
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	9811	801.000

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

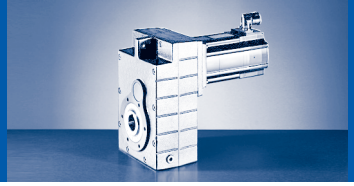


GFL□□-2S H□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL04...	k	260	290	320	312	332	352	392							
GFL05...	k	281	311	341	334	354	374	414	351		391			431	
GFL06...	k	294	324	354	347	367	387	427	364		404			444	
GFL07...	k				380	400	420	460	397		437			477	
GFL09...	k								431		471			511	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GFL05: 12DC20 ... 12LC41



GFL□□-2S H□R ... RSO

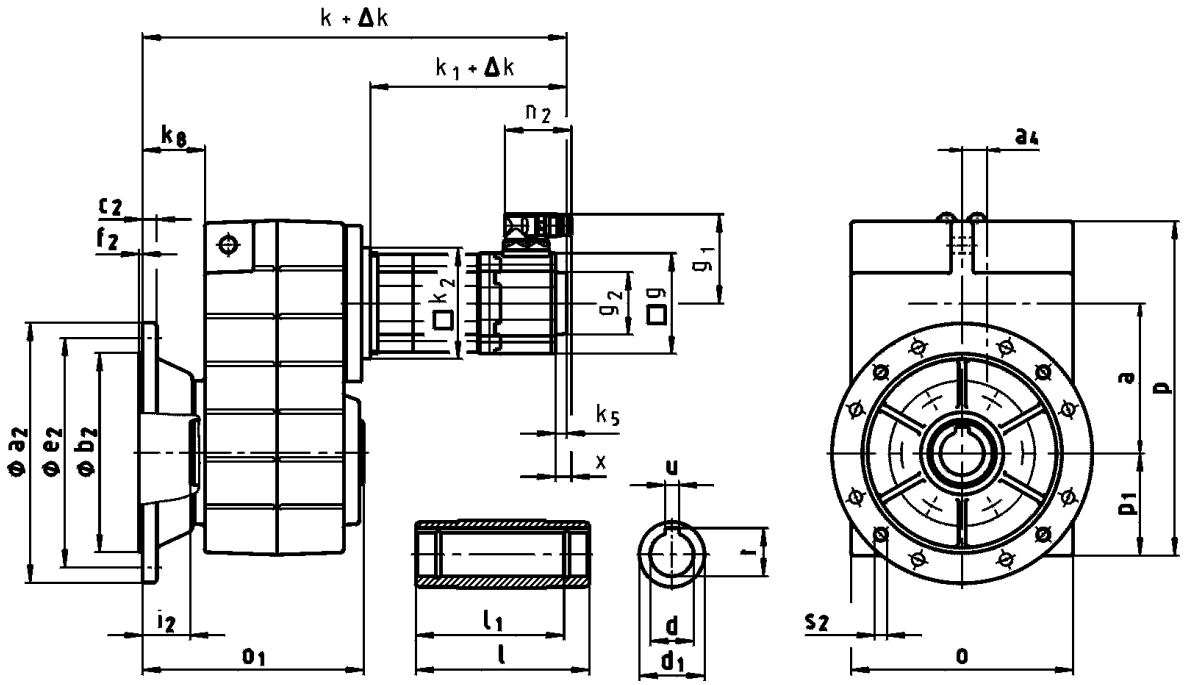
		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL06...	k	379		419		459		499							
GFL07...	k	412		452		492		532		451		491		551	
GFL09...	k	446		486		526		566		485		525		585	
GFL11...	k	487		527		567		607		526		566		626	
GFL14...	k									571		611		671	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GFL□□-2S H□R

	o	o_1	p	p_1	a	a_4	a_7	a_8	c_6	s_6	k_6	k_7
GFL04...	148	115	214	69	90.5	12.5	22.5	128	14	12.5	32	35
GFL05...	165	140	252	78	112.5	18.5	29	155	16	14	35	38
GFL06...	206	160	315	98	140	22	35	195	20		46	46
GFL07...	256	200	386	118	173	29	44	240	25	18	56	56
GFL09...	318	240	486	149	220	37.5	50	300	32	22	70	70
GFL11...	395	290	600	181	276.5	50	65	375	40	26	84	90
GFL14...	490	350	740	228	339	65	80	455	50	32	100	114

	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				
GFL04...	25	115	45	100	8	28.3	110	75	90	3	2.5	M6x12
	30					33.3						
GFL05...	35	140	50	124	10	38.3	118	80	100	4	4	M8x15
GFL06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GFL07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						
GFL09...	60	240	95	210	18	64.4	205	145	175	6		M16x24
	70				20	74.9						
GFL11...	80	290	105	250	22	85.4	240	140	205		6	M20x32
GFL14...	100	350	135	305	28	106.4	290	170	250		7	M24x35

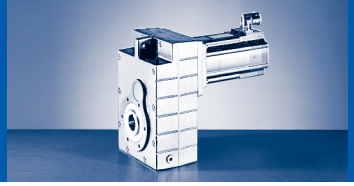


GFL□□-2S HCK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL04...	k	293	323	353	346	366	386	426							
GFL05...	k	315	345	375	367	387	407	447	384		424			464	
GFL06...	k	337	367	397	389	409	429	469	406		446			486	
GFL07...	k				435	455	475	515	452		492			532	
GFL09...	k								491		531			571	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GFL05: 12DC20 ... 12LC41



GFL□□-2S HCK ... RSO

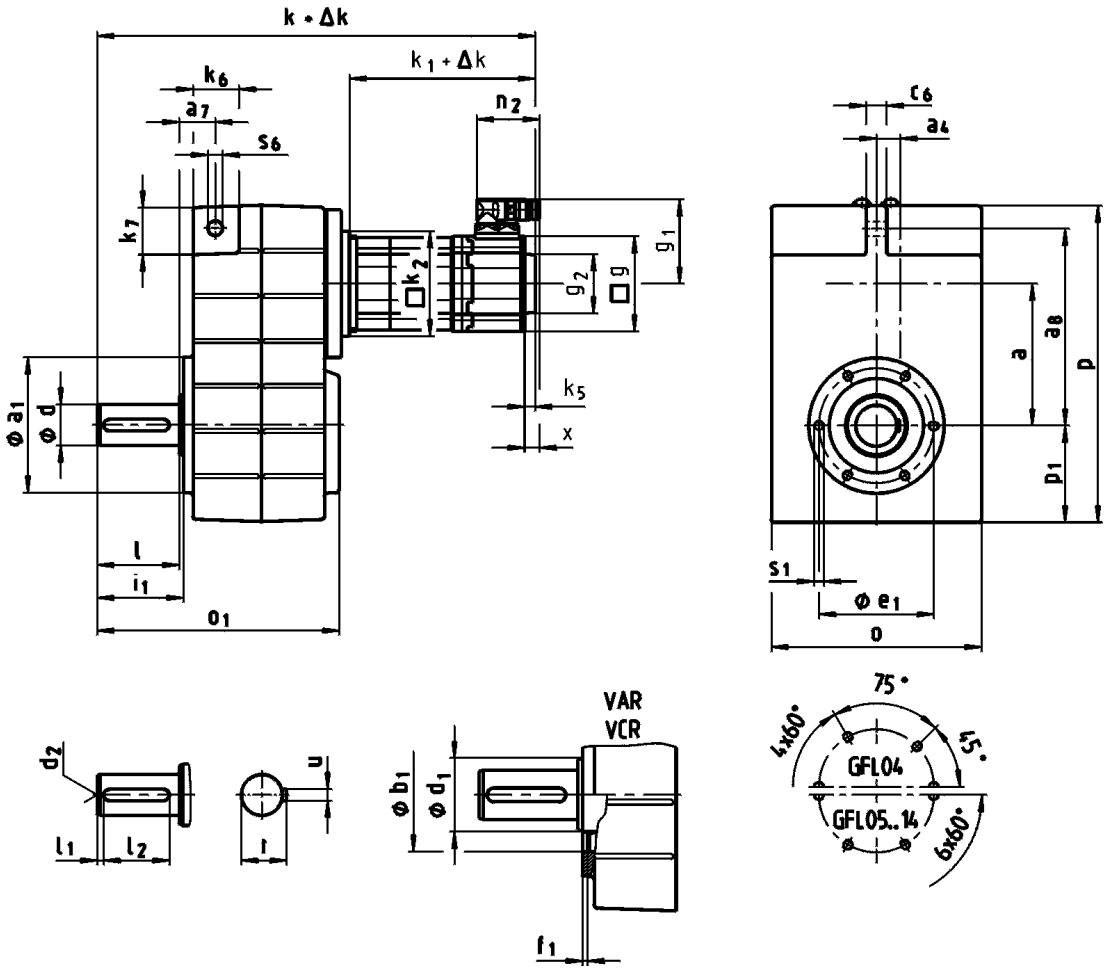
		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL06...	k	422		462		502		542							
GFL07...	k	468		508		548		588		507		547		607	
GFL09...	k	507		547		587		627		546		586		646	
GFL11...	k	548		588		628		668		587		627		687	
GFL14...	k									632		672		732	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GFL□□-2S HCK

	o	o_1	p	p_1	a	a_4	k_8
GFL04...	148	148	214	69	90.5	12.5	42
GFL05...	165	173	252	78	112.5	18.5	46
GFL06...	206	201	315	98	140	22	56
GFL07...	256	255	386	118	173	29	73
GFL09...	318	300	486	149	220	37.5	78
GFL11...	395	350	600	181	276.5	50	86
GFL14...	490	410	740	228	339	65	90

	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GFL04...	25	115	45	100	8	28.3	160	110	10	130	3.5	33.5	4 x 9
	30					33.3							
GFL05...		140	50	124			200	130	12	165			4 x 11
	35				10	38.3							
GFL06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GFL07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			
GFL09...	60	240	95	210	18	64.4	350	250	18	300		60.5	4 x 17.5
	70				20	74.9							
GFL11...		290	105	250			400	300	20	350	5		
	80				22	85.4	450	350	22	400			8 x 17.5
GFL14...	100	350	135	305	28	106.4							

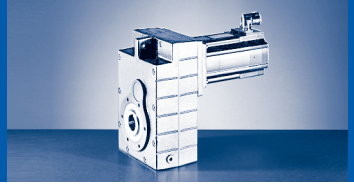


GFL□□-2S V□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL04...	k	310	340	370	362	382	402	442							
GFL05...	k	341	371	401	394	414	434	474	411		451			491	
GFL06...	k	374	404	434	427	447	467	507	444		484			524	
GFL07...	k				480	500	520	560	497		537			577	
GFL09...	k								551		591			631	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GFL05: 12DC20 ... 12LC41



GFL□□-2S V□R ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL06...	k	459		499		539		579							
GFL07...	k	512		552		592		632		551		591		651	
GFL09...	k	566		606		646		686		605		645		705	
GFL11...	k	647		687		727		767		686		726		786	
GFL14...	k									771		811		871	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

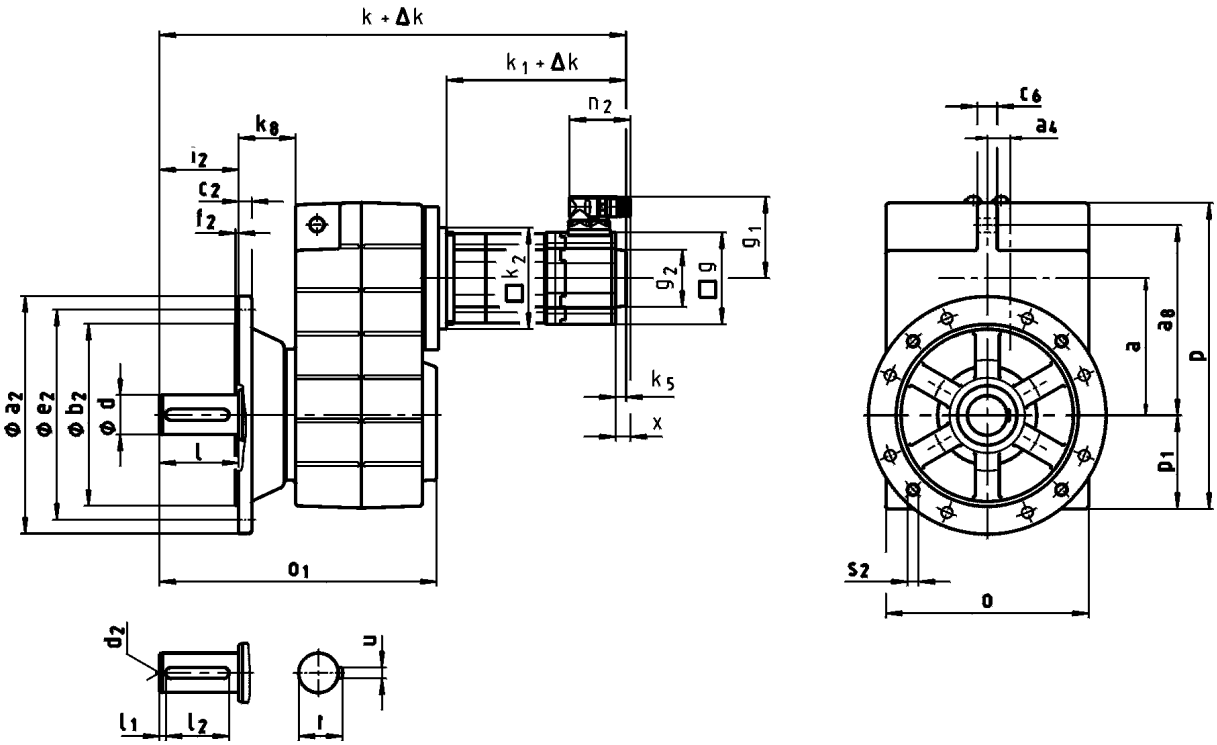
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GFL□□-2S V□R

	o	o_1	p	p_1	a	a_4	a_7	a_8	c_6	s_6	k_6	k_7
GFL04...	148	163	214	69	90.5	12.5	22.5	128	14	12.5	32	35
GFL05...	165	197	252	78	112.5	18.5	29	155	16	14	35	38
GFL06...	206	236	315	98	140	22	35	195	20		46	46
GFL07...	256	296	386	118	173	29	44	240	25	18	56	56
GFL09...	318	356	486	149	220	37.5	50	300	32	22	70	70
GFL11...	395	445	600	181	276.5	50	65	375	40	26	84	90
GFL14...	490	544	740	228	339	65	80	455	50	32	100	114

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				
GFL04...	25	50	45	4	40	M10	8	28	110	75	90	3	52.5	M6x12
GFL05...	30	60	50	6	45			33	118	80	100	4	64	M8x15
GFL06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GFL07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18
GFL09...	60	120	95		100	M20	18	64	205	145	175	6	125	M16x24
GFL11...	80	160	105	15	125		22	85	240	140	205		166	M20x32
GFL14...	100	200	135	18	160	M24	28	106	290	170	250		207	M24x35

d ≤ 50 mm: k6; d > 50 mm: m6

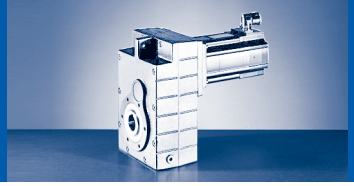


GFL□□-2S VCK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL04...	k	343	373	403	396	416	436	476							
GFL05...	k	374	404	434	427	447	467	507	444		484			524	
GFL06...	k	415	445	475	468	488	508	548	485		525			565	
GFL07...	k				535	555	575	615	552		592			632	
GFL09...	k								611		651			691	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GFL05: 12DC20 ... 12LC41



GFL□□-2S VCK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL06...	k	500		540		580		620							
GFL07...	k	567		607		647		687		606		646		706	
GFL09...	k	626		666		706		746		665		705		765	
GFL11...	k	707		747		787		827		746		786		846	
GFL14...	k									831		871		931	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

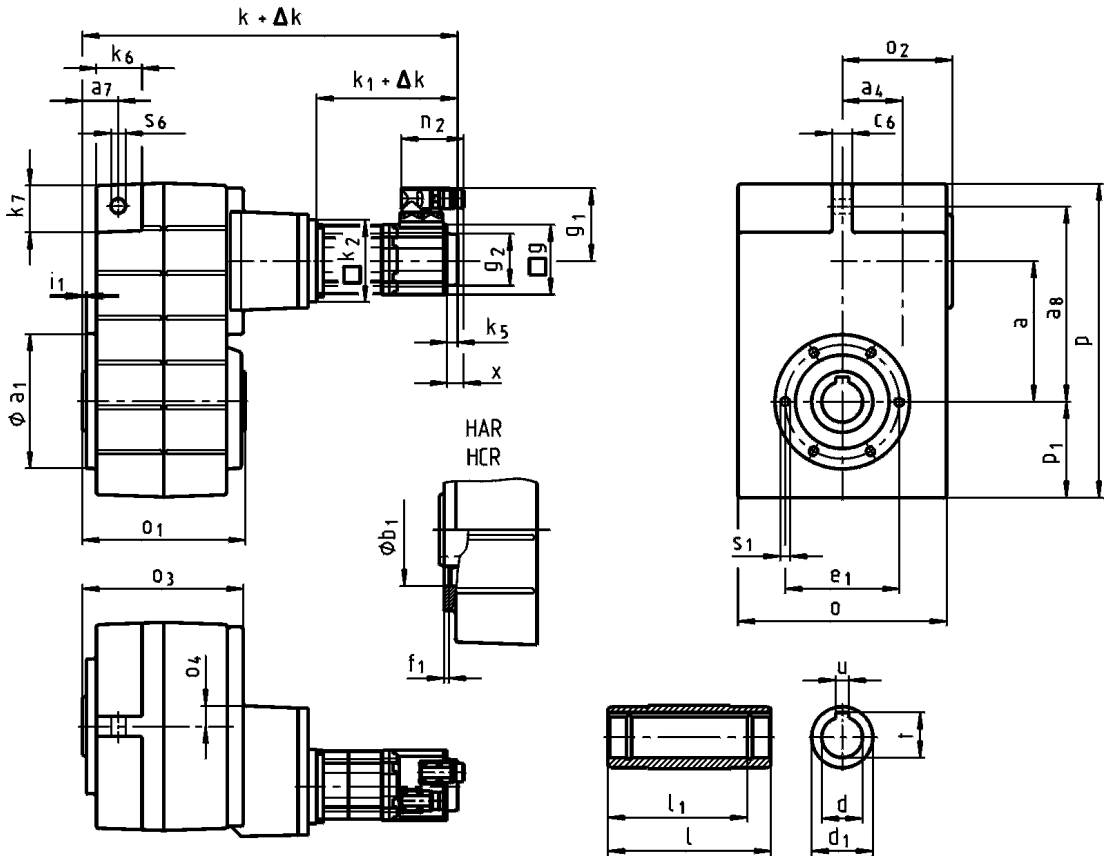
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GFL□□-2S VCK

	o	o_1	p	p_1	a	a_4	k_8
GFL04...	148	196	214	69	90.5	12.5	42
GFL05...	165	230	252	78	112.5	18.5	46
GFL06...	206	277	315	98	140	22	56
GFL07...	256	351	386	118	173	29	73
GFL09...	318	416	486	149	220	37.5	78
GFL11...	395	505	600	181	276.5	50	86
GFL14...	490	604	740	228	339	65	90

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GFL04...	25	50	4	40	M10	8	28	160	110	10	130	3.5	50	4 x 9
GFL05...	30	60	6	45			33	200	130	12	165		60	4 x 11
GFL06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GFL07...	50	100	8	80		14	53.5	300	230	17	265		100	
GFL09...	60	120		100	M20	18	64	350	250	18	300		120	4 x 17.5
GFL11...	80	160	15	125		22	85	400	300	20	350	5	160	
GFL14...	100	200	18	160	M24	28	106	450	350	22	400		200	8 x 17.5

d ≤ 50 mm: k6; d > 50 mm: m6

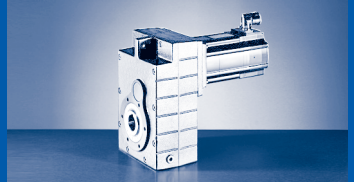


GFL□□-3S H□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL05...	k	358	388	418	410	430	450	490							
GFL06...	k	388	418	448	440	460	480	520							
GFL07...	k	432	462	492	484	504	524	564	501		541			581	
GFL09...	k	484	514	544	536	556	576	616	553		593			633	
GFL11...	k				596	616	636	676	613		653			693	
GFL14...	k								692		732			772	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GFL07: 12DC20 ... 12LC41



GFL□□-3S H□R ... RSO

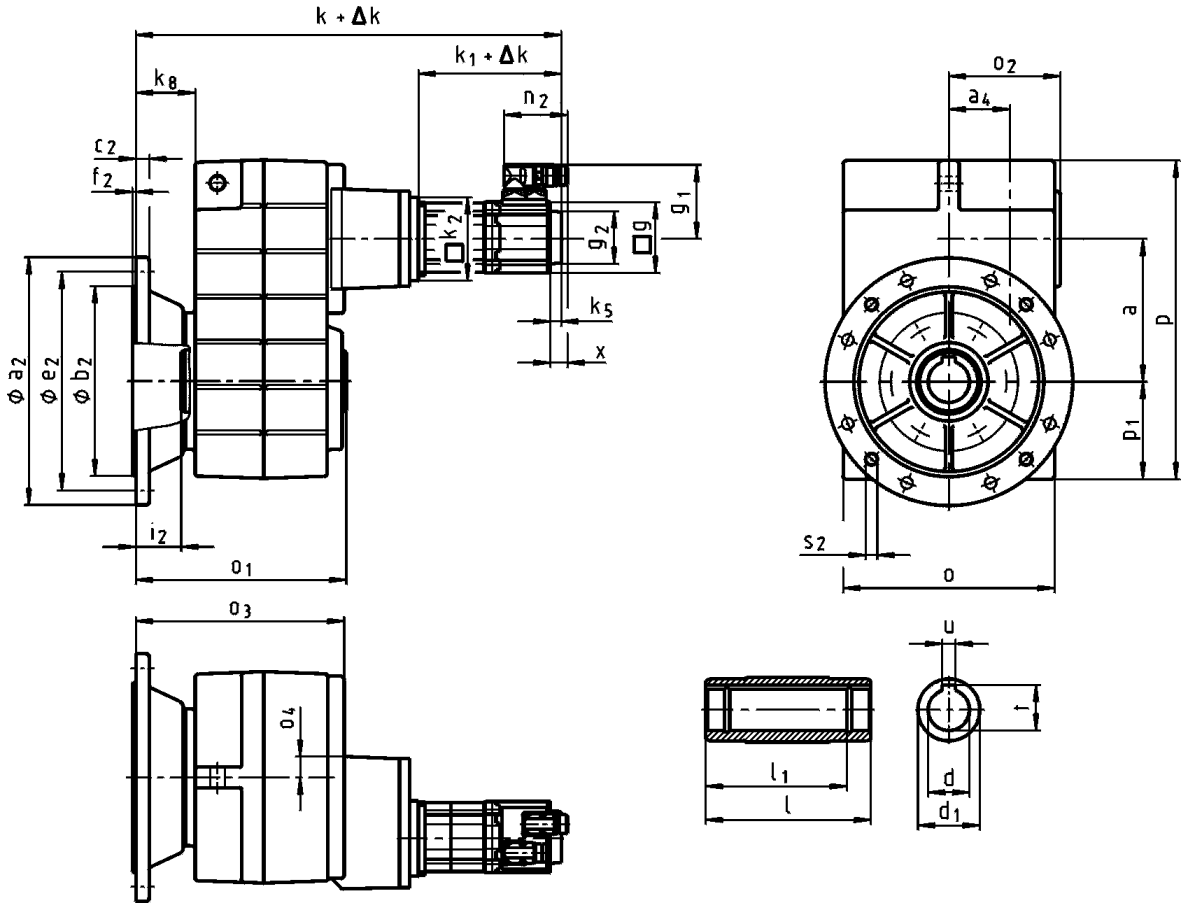
		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL09...	k	569		609		649		689							
GFL11...	k	629		669		709		749		668		708		768	
GFL14...	k	708		748		788		828		747		787		847	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GFL□□-3S H□R

	o	o_1	o_2	o_3	o_4	p	p_1	a	a_4	a_7	a_8	c_6	s_6	k_6	k_7
GFL05...	165	140	107	141	23	252	78	112.5	54.5	29	155	16	14	35	38
GFL06...	206	160	111	160	20	315	98	140	58	35	195	20		46	46
GFL07...	256	200	135	199	24	386	118	173	74	44	240	25	18	56	56
GFL09...	318	240	170	238	27	486	149	220	93.5	50	300	32	22	70	70
GFL11...	395	290	216	285	34	600	181	276.5	120	65	375	40	26	84	90
GFL14...	490	350	271	340	38	740	228	339	154	80	455	50	32	100	114

	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				6x60°
GFL05...	30	140	50	124	8	33.3	118	80	100	4	4	M8x15
	35				10	38.3						
GFL06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GFL07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						
GFL09...	60	240	95	210	18	64.4	205	145	175	6		M16x24
	70				20	74.9						
GFL11...		290	105	250			240	140	205		6	M20x32
	80				22	85.4						
GFL14...	100	350	135	305	28	106.4	290	170	250		7	M24x35

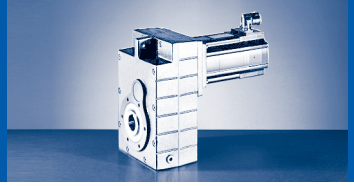


GFL□□-3S HCK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL05...	k	391	421	451	444	464	484	524							
GFL06...	k	430	460	490	483	503	523	563							
GFL07...	k	487	517	547	540	560	580	620	557		597			637	
GFL09...	k	544	574	604	597	617	637	677	614		654			694	
GFL11...	k				657	677	697	737	674		714			754	
GFL14...	k								753		793			833	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GFL07: 12DC20 ... 12LC41



GFL□□-3S HCK ... RSO

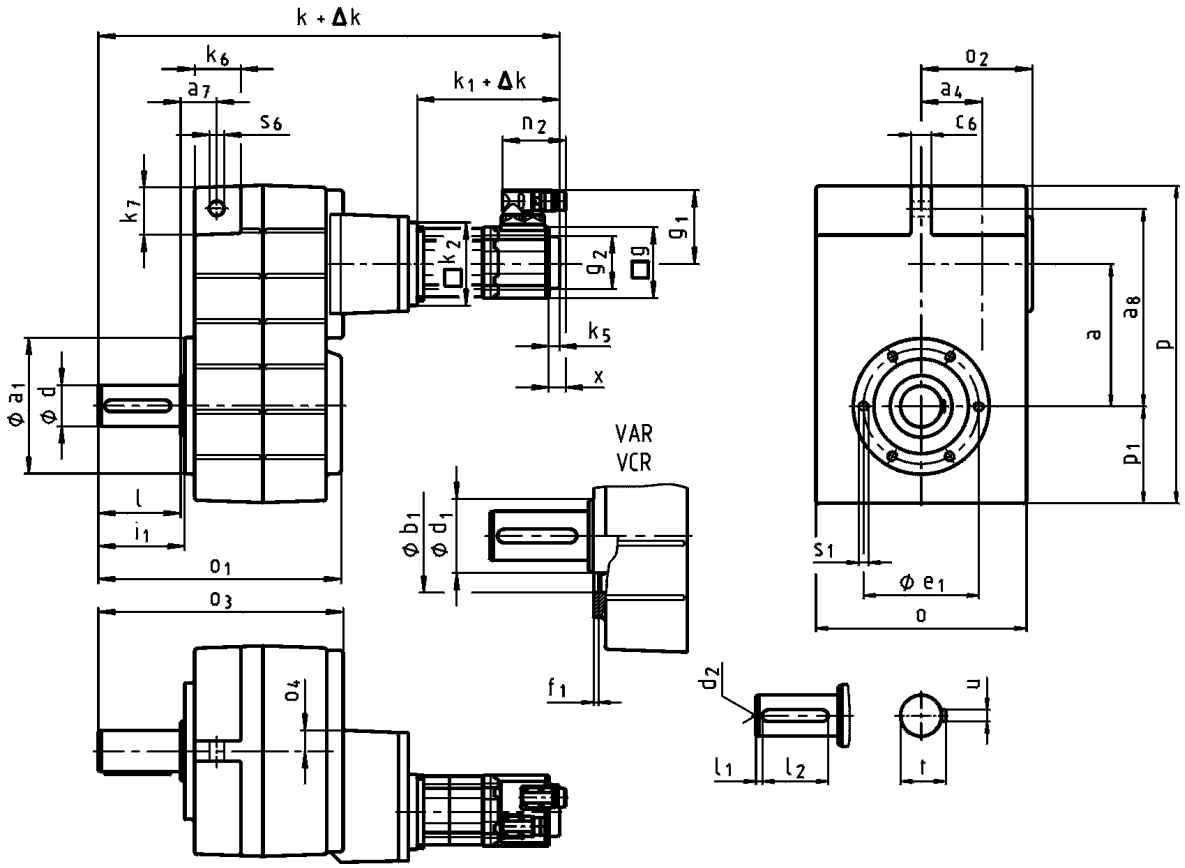
		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL09...	k	629		669		709		749							
GFL11...	k	689		729		769		809		728		768		828	
GFL14...	k	768		808		848		888		807		847		907	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GFL□□-3S HCK

	o	o_1	o_2	o_3	o_4	p	p_1	a	a_4	k_8
GFL05...	165	173	107	174	23	252	78	112.5	54.5	46
GFL06...	206	201	111	201	20	315	98	140	58	56
GFL07...	256	255	135	254	24	386	118	173	74	73
GFL09...	318	300	170	298	27	486	149	220	93.5	78
GFL11...	395	350	216	345	34	600	181	276.5	120	86
GFL14...	490	410	271	400	38	740	228	339	154	90

	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GFL05...	30	140	50	124	8	33.3	200	130	12	165	3.5	33.5	4 x 11
	35				10	38.3							
GFL06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GFL07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			
GFL09...	60	240	95	210	18	64.4	350	250	18	300		60.5	4 x 17.5
	70				20	74.9							
GFL11...		290	105	250			400	300	20	350	5		
	80				22	85.4	450	350	22	400			8 x 17.5
GFL14...	100	350	135	305	28	106.4							



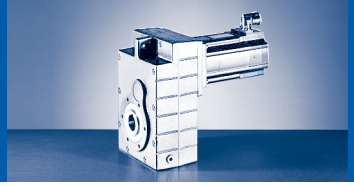
GFL□□-3S V□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL05...	k	418	448	478	470	490	510	550							
GFL06...	k	468	498	528	520	540	560	600							
GFL07...	k	532	562	592	584	604	624	664	601		641			681	
GFL09...	k	604	634	664	656	676	696	736	673		713			753	
GFL11...	k				756	776	796	836	773		813			853	
GFL14...	k								892		932			972	

...RSO B0 [1]	Δ k	0										
...RSO P□ [1]	Δ k	19			20							
	k_1	132	162	192	183	203	223	263	188	228		268
	k_2	66			91				118 145 [2]			
	g	62			89				116			
...RSO	k_5	0			13				14			
	g_2	□ 62			Ø 67				Ø 72			
	g_1	76			90				105			
	n_2	64			78							
	x	21							18			

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GFL07: 12DC20 ... 12LC41



GFL□□-3S V□R ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL09...	k	689		729		769		809							
GFL11...	k	789		829		869		909		828		868		928	
GFL14...	k	908		948		988		1028		947		987		1047	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

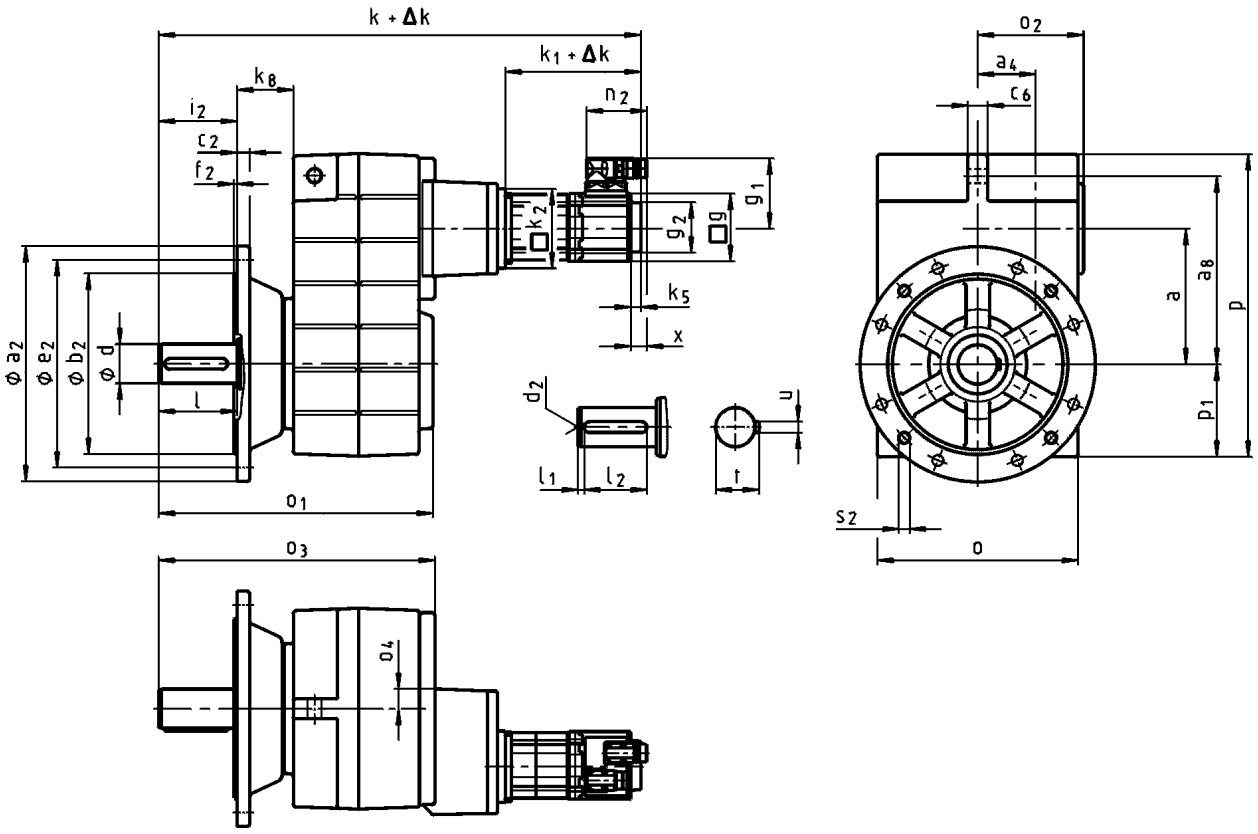
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GFL□□-3S V□R

	o	o_1	o_2	o_3	o_4	p	p_1	a	a_4	a_7	a_8	c_6	s_6	k_6	k_7
GFL05...	165	197	107	201	23	252	78	112.5	54.5	29	155	16	14	35	38
GFL06...	206	236	111	240	20	315	98	140	58	35	195	20		46	46
GFL07...	256	296	135	299	24	386	118	173	74	44	240	25	18	56	56
GFL09...	318	356	170	358	27	486	149	220	93.5	50	300	32	22	70	70
GFL11...	395	445	216	445	34	600	181	276.5	120	65	375	40	26	84	90
GFL14...	490	544	271	540	38	740	228	339	154	80	455	50	32	100	114

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				6x60°
GFL05...	30	60	50	6	45	M10	8	33	118	80	100	4	64	M8x15
GFL06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GFL07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18
GFL09...	60	120	95		100	M20	18	64	205	145	175	6	125	M16x24
GFL11...	80	160	105	15	125		22	85	240	140	205		166	M20x32
GFL14...	100	200	135	18	160	M24	28	106	290	170	250		207	M24x35

d ≤ 50 mm: k6; d > 50 mm: m6

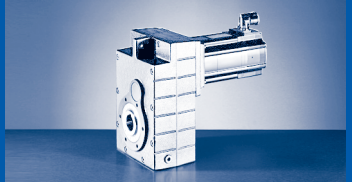


GFL□□-3S VCK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL05...	k	451	481	511	504	524	544	584							
GFL06...	k	509	539	569	562	582	602	642							
GFL07...	k	587	617	647	640	660	680	720	657			697		737	
GFL09...	k	664	694	724	717	737	757	797	734			774		814	
GFL11...	k				817	837	857	897	834			874		914	
GFL14...	k								953			993		1033	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188			228		268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GFL07: 12DC20 ... 12LC41



GFL□□-3S VCK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL09...	k	749		789		829		869							
GFL11...	k	849		889		929		969		888		928		988	
GFL14...	k	968		1008		1048		1088		1007		1047		1107	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

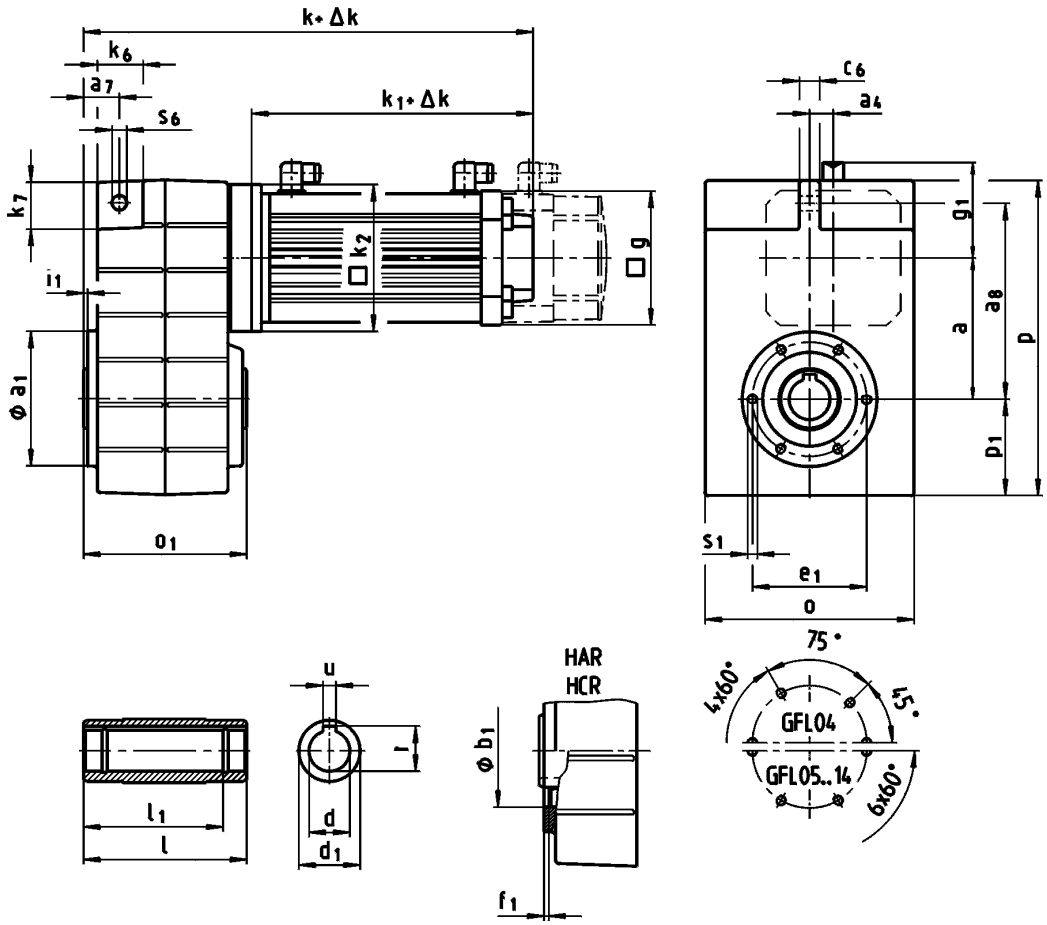
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GFL□□-3S VCK

	o	o_1	o_2	o_3	o_4	p	p_1	a	a_4	k_8
GFL05...	165	230	107	234	23	252	78	112.5	54.5	46
GFL06...	206	277	111	281	20	315	98	140	58	56
GFL07...	256	351	135	354	24	386	118	173	74	73
GFL09...	318	416	170	418	27	486	149	220	93.5	78
GFL11...	395	505	216	505	34	600	181	276.5	120	86
GFL14...	490	604	271	600	38	740	228	339	154	90

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GFL05...	30	60	6	45	M10	8	33	200	130	12	165	3.5	60	4 x 11
GFL06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GFL07...	50	100	8	80		14	53.5	300	230	17	265		100	
GFL09...	60	120		100	M20	18	64	350	250	18	300		120	4 x 17.5
GFL11...	80	160	15	125		22	85	400	300	20	350	5	160	
GFL14...	100	200	18	160	M24	28	106	450	350	22	400		200	8 x 17.5

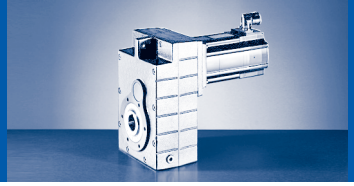
d ≤ 50 mm: k6; d > 50 mm: m6



GFL□□-2A H□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL04...	k	388	396	464						
GFL05...	k	409	418	486	468		530			
GFL06...	k	422	431	499	481		543		520	
GFL07...	k	455	464	532	514		576		553	
GFL09...	k				548		610		587	
GFL11...	k				589		651		628	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GFL□□-2A H□R ... RSO

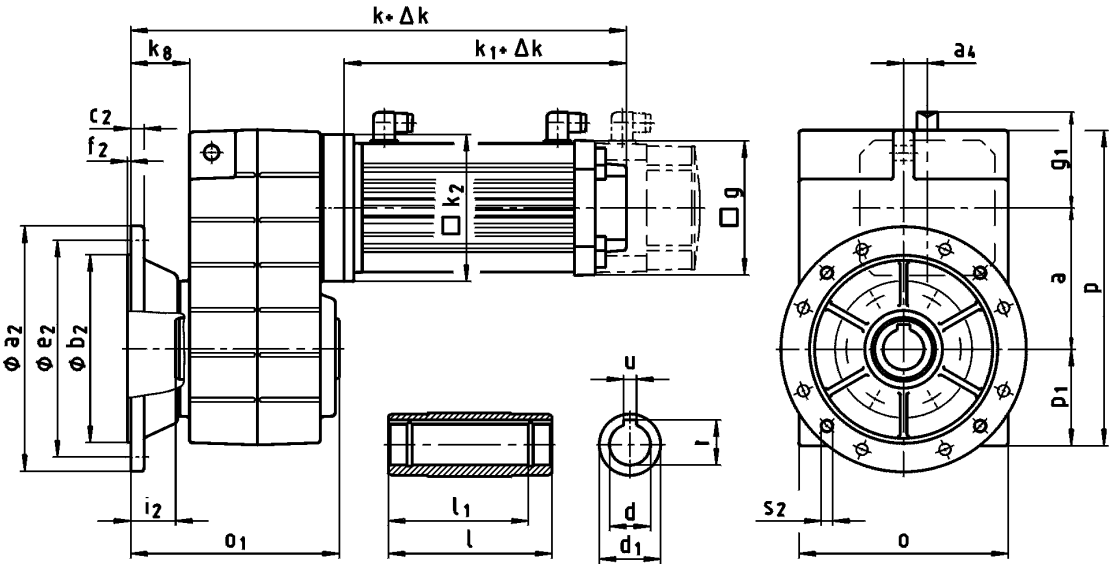
		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL06...	k	609									
GFL07...	k	642		621		718		700		796	
GFL09...	k	676		655		752		734		830	
GFL11...	k	717		696		793		775		871	
GFL14...	k			741		838		820		916	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GFL□□-2A H□R

	o	o_1	p	p_1	a	a_4	a_7	a_8	c_6	s_6	k_6	k_7
GFL04...	148	115	214	69	90.5	12.5	22.5	128	14	12.5	32	35
GFL05...	165	140	252	78	112.5	18.5	29	155	16	14	35	38
GFL06...	206	160	315	98	140	22	35	195	20		46	46
GFL07...	256	200	386	118	173	29	44	240	25	18	56	56
GFL09...	318	240	486	149	220	37.5	50	300	32	22	70	70
GFL11...	395	290	600	181	276.5	50	65	375	40	26	84	90
GFL14...	490	350	740	228	339	65	80	455	50	32	100	114

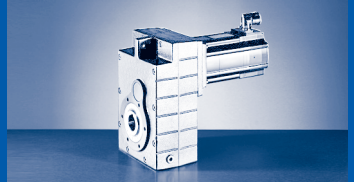
	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				
GFL04...	25	115	45	100	8	28.3	110	75	90	3	2.5	M6x12
	30					33.3						
GFL05...	35	140	50	124	10	38.3	118	80	100	4	4	M8x15
GFL06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GFL07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						
GFL09...	60	240	95	210	18	64.4	205	145	175	6		M16x24
	70				20	74.9						
GFL11...	80	290	105	250	22	85.4	240	140	205		6	M20x32
GFL14...	100	350	135	305	28	106.4	290	170	250		7	M24x35



GFL□□-2A HCK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL04...	k	421	430	498						
GFL05...	k	443	451	519	501		563			
GFL06...	k	465	473	541	523		585		562	
GFL07...	k	511	519	587	569		631		608	
GFL09...	k				608		670		647	
GFL11...	k				649		711		688	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GFL□□-2A HCK ... RSO

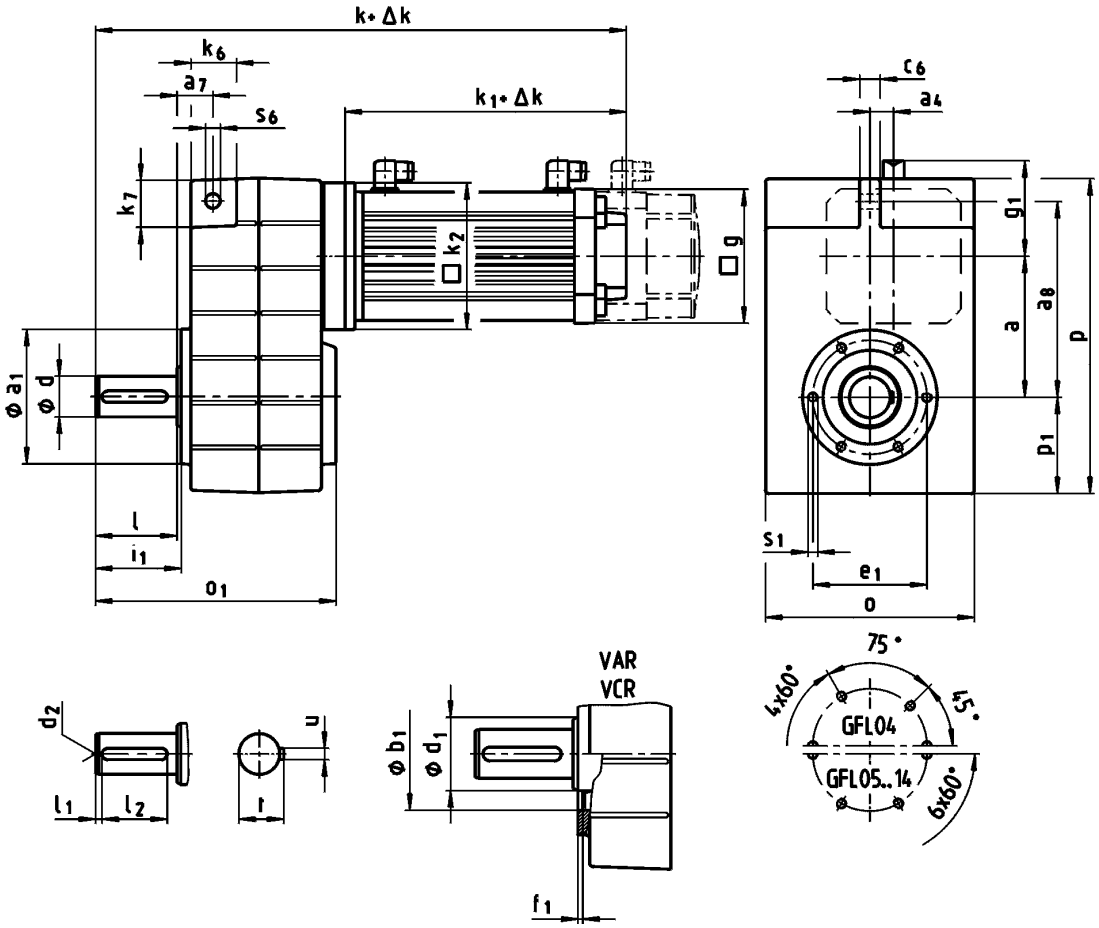
		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL06...	k	651									
GFL07...	k	697		677		774		755		851	
GFL09...	k	736		716		813		794		890	
GFL11...	k	777		757		854		835		931	
GFL14...	k			802		899		880		976	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GFL□□-2A HCK

	o	o_1	p	p_1	a	a_4	k_8
GFL04...	148	148	214	69	90.5	12.5	42
GFL05...	165	173	252	78	112.5	18.5	46
GFL06...	206	201	315	98	140	22	56
GFL07...	256	255	386	118	173	29	73
GFL09...	318	300	486	149	220	37.5	78
GFL11...	395	350	600	181	276.5	50	86
GFL14...	490	410	740	228	339	65	90

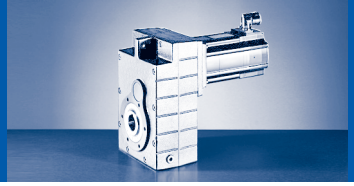
	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GFL04...	25	115	45	100	8	28.3	160	110	10	130	3.5	33.5	4 x 9
	30					33.3							
GFL05...		140	50	124			200	130	12	165			4 x 11
	35				10	38.3							
GFL06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GFL07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			
GFL09...	60	240	95	210	18	64.4	350	250	18	300		60.5	4 x 17.5
	70				20	74.9							
GFL11...		290	105	250			400	300	20	350	5		
	80				22	85.4	450	350	22	400			8 x 17.5
GFL14...	100	350	135	305	28	106.4							



GFL□□-2A V□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL04...	k	438	446	514						
GFL05...	k	469	478	546	528		590			
GFL06...	k	502	511	579	561		623		600	
GFL07...	k	555	564	632	614		676		653	
GFL09...	k				668		730		707	
GFL11...	k				749		811		788	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GFL□□-2A V□R ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL06...	k	689									
GFL07...	k	742		721		818		800		896	
GFL09...	k	796		775		872		854		950	
GFL11...	k	877		856		953		935		1031	
GFL14...	k			941		1038		1020		1116	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

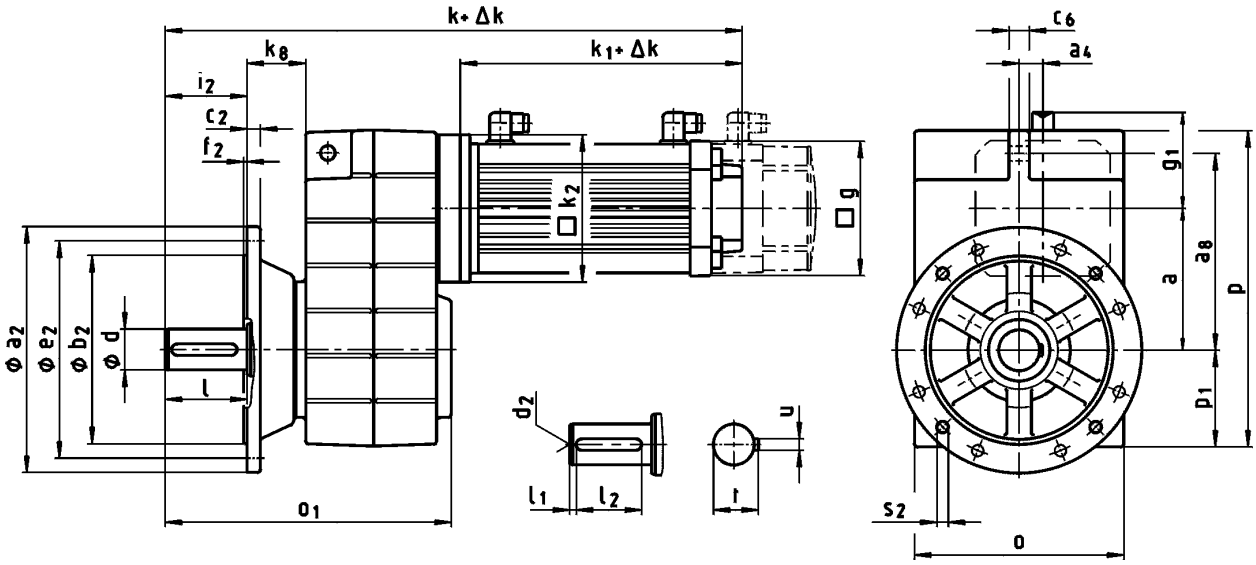
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GFL□□-2A V□R

	o	o_1	p	p_1	a	a_4	a_7	a_8	c_6	s_6	k_6	k_7
GFL04...	148	163	214	69	90.5	12.5	22.5	128	14	12.5	32	35
GFL05...	165	197	252	78	112.5	18.5	29	155	16	14	35	38
GFL06...	206	236	315	98	140	22	35	195	20		46	46
GFL07...	256	296	386	118	173	29	44	240	25	18	56	56
GFL09...	318	356	486	149	220	37.5	50	300	32	22	70	70
GFL11...	395	445	600	181	276.5	50	65	375	40	26	84	90
GFL14...	490	544	740	228	339	65	80	455	50	32	100	114

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				
GFL04...	25	50	45	4	40	M10	8	28	110	75	90	3	52.5	M6x12
GFL05...	30	60	50	6	45			33	118	80	100	4	64	M8x15
GFL06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GFL07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18
GFL09...	60	120	95		100	M20	18	64	205	145	175	6	125	M16x24
GFL11...	80	160	105	15	125		22	85	240	140	205		166	M20x32
GFL14...	100	200	135	18	160	M24	28	106	290	170	250		207	M24x35

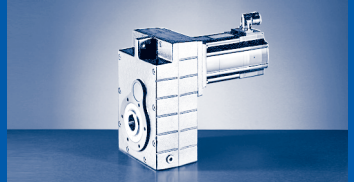
d ≤ 50 mm: k6; d > 50 mm: m6



GFL□□-2A VCK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL04...	k	471	480	548						
GFL05...	k	502	511	579	561		623			
GFL06...	k	543	552	620	602		664		641	
GFL07...	k	610	619	687	669		731		708	
GFL09...	k				728		790		767	
GFL11...	k				809		871		848	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GFL□□-2A VCK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL06...	k	730									
GFL07...	k	797		776		873		855		951	
GFL09...	k	856		835		932		914		1010	
GFL11...	k	937		916		1013		995		1091	
GFL14...	k			1001		1098		1080		1176	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

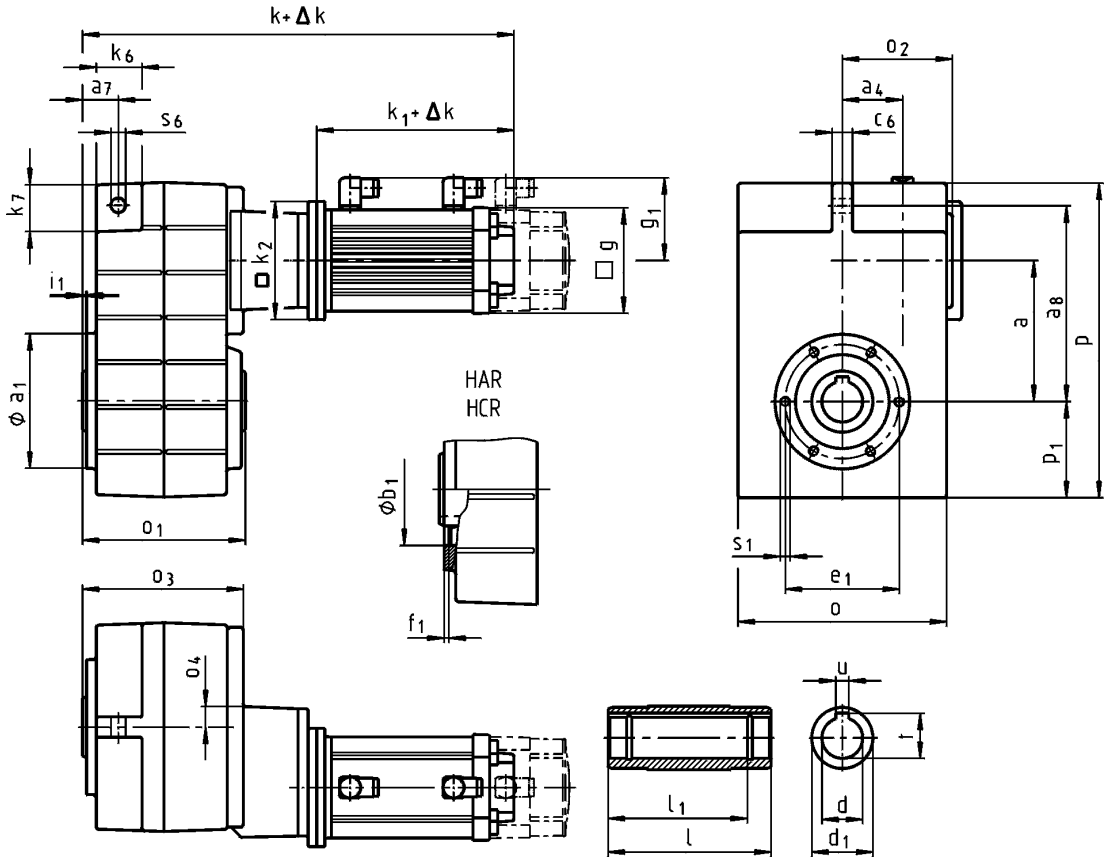
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GFL□□-2A VCK

	o	o_1	p	p_1	a	a_4	k_8
GFL04...	148	196	214	69	90.5	12.5	42
GFL05...	165	230	252	78	112.5	18.5	46
GFL06...	206	277	315	98	140	22	56
GFL07...	256	351	386	118	173	29	73
GFL09...	318	416	486	149	220	37.5	78
GFL11...	395	505	600	181	276.5	50	86
GFL14...	490	604	740	228	339	65	90

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GFL04...	25	50	4	40	M10	8	28	160	110	10	130	3.5	50	4 x 9
GFL05...	30	60	6	45			33	200	130	12	165		60	4 x 11
GFL06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GFL07...	50	100	8	80		14	53.5	300	230	17	265		100	
GFL09...	60	120		100	M20	18	64	350	250	18	300		120	4 x 17.5
GFL11...	80	160	15	125		22	85	400	300	20	350	5	160	
GFL14...	100	200	18	160	M24	28	106	450	350	22	400		200	8 x 17.5

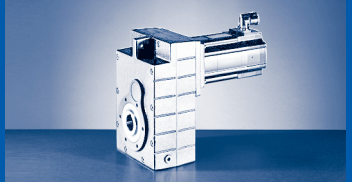
d ≤ 50 mm: k6; d > 50 mm: m6



GFL□□-3A H□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL05...	k	486	494	562						
GFL06...	k	516	524	592						
GFL07...	k	560	568	636	618		680			
GFL09...	k	612	620	688	670		732		709	
GFL11...	k	672	680	748	730		792		769	
GFL14...	k				809		871		848	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GFL□□-3A H□R ... RSO

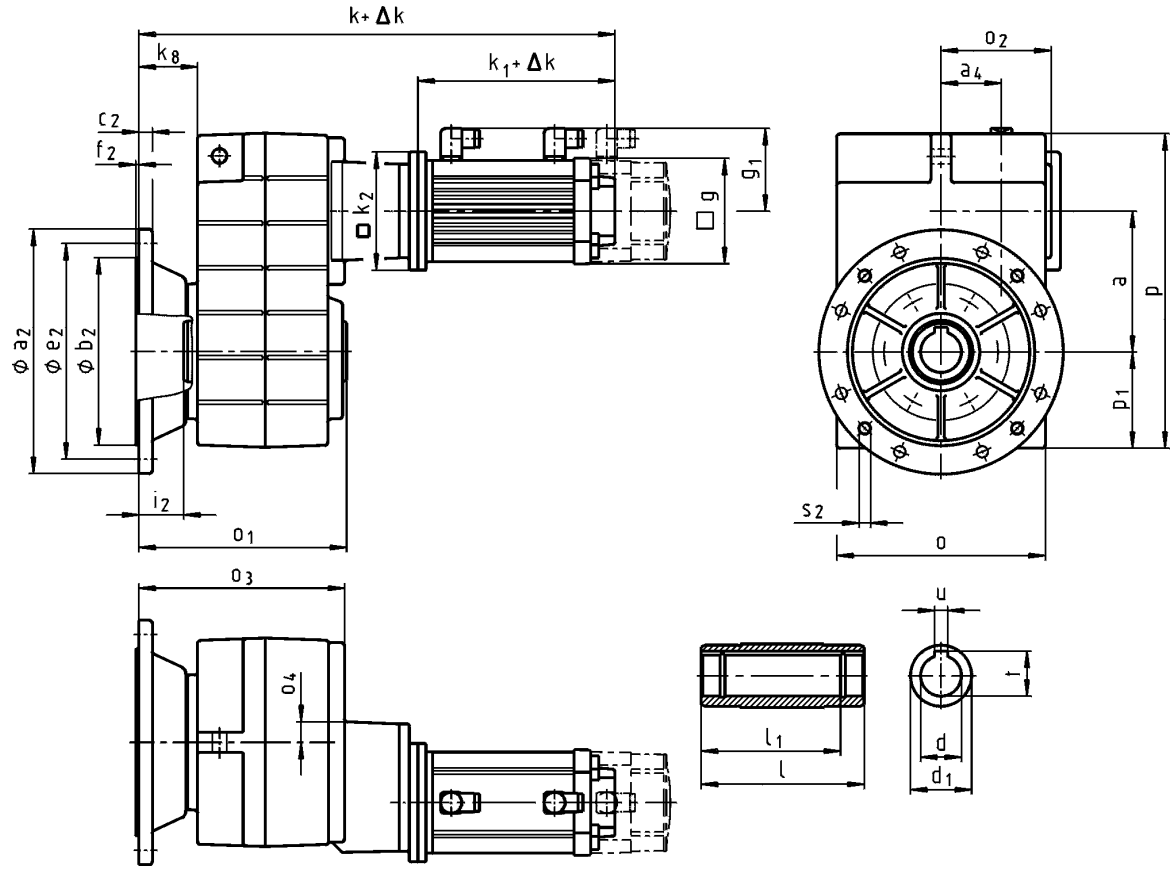
		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL09...	k	798									
GFL11...	k	858		838		935		916		1012	
GFL14...	k	937		917		1014		995		1091	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GFL□□-3A H□R

	o	o_1	o_2	o_3	o_4	p	p_1	a	a_4	a_7	a_8	c_6	s_6	k_6	k_7
GFL05...	165	140	107	141	23	252	78	112.5	54.5	29	155	16	14	35	38
GFL06...	206	160	111	160	20	315	98	140	58	35	195	20		46	46
GFL07...	256	200	135	199	24	386	118	173	74	44	240	25	18	56	56
GFL09...	318	240	170	238	27	486	149	220	93.5	50	300	32	22	70	70
GFL11...	395	290	216	285	34	600	181	276.5	120	65	375	40	26	84	90
GFL14...	490	350	271	340	38	740	228	339	154	80	455	50	32	100	114

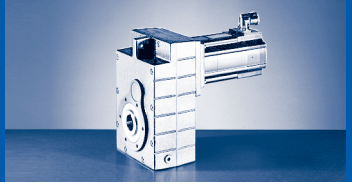
	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				6x60°
GFL05...	30	140	50	124	8	33.3	118	80	100	4	4	M8x15
	35				10	38.3						
GFL06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GFL07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						
GFL09...	60	240	95	210	18	64.4	205	145	175	6		M16x24
	70				20	74.9						
GFL11...		290	105	250			240	140	205		6	M20x32
	80				22	85.4						
GFL14...	100	350	135	305	28	106.4	290	170	250		7	M24x35



GFL□□-3A HCK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL05...	k	519	528	596						
GFL06...	k	558	567	635						
GFL07...	k	615	624	692	674		736			
GFL09...	k	672	681	749	731		793		770	
GFL11...	k	732	741	809	791		853		830	
GFL14...	k				870		932		909	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GFL□□-3A HCK ... RSO

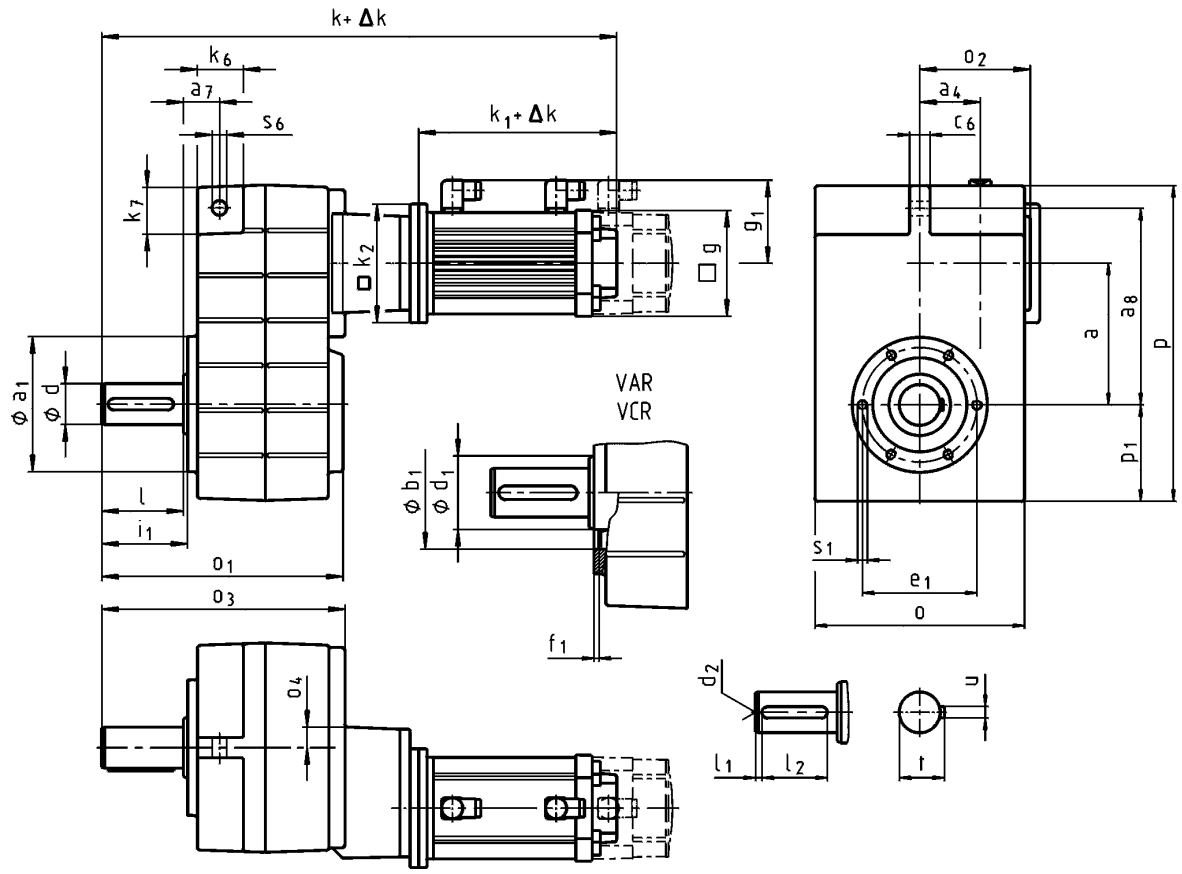
		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL09...	k	859									
GFL11...	k	919		898		995		977		1073	
GFL14...	k	998		977		1074		1056		1152	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GFL□□-3A HCK

	o	o_1	o_2	o_3	o_4	p	p_1	a	a_4	k_8
GFL05...	165	173	107	174	23	252	78	112.5	54.5	46
GFL06...	206	201	111	201	20	315	98	140	58	56
GFL07...	256	255	135	254	24	386	118	173	74	73
GFL09...	318	300	170	298	27	486	149	220	93.5	78
GFL11...	395	350	216	345	34	600	181	276.5	120	86
GFL14...	490	410	271	400	38	740	228	339	154	90

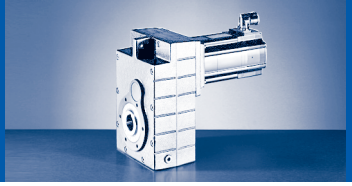
	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GFL05...	30	140	50	124	8	33.3	200	130	12	165	3.5	33.5	4 x 11
	35				10	38.3							
GFL06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GFL07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			
GFL09...	60	240	95	210	18	64.4	350	250	18	300		60.5	4 x 17.5
	70				20	74.9							
GFL11...		290	105	250			400	300	20	350	5		
	80				22	85.4	450	350	22	400			8 x 17.5
GFL14...	100	350	135	305	28	106.4							



GFL□□-3A V□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL05...	k	546	554	622						
GFL06...	k	596	604	672						
GFL07...	k	660	668	736	718		780			
GFL09...	k	732	740	808	790		852		829	
GFL11...	k	832	840	908	890		952		929	
GFL14...	k				1009		1071		1048	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GFL□□-3A V□R ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL09...	k	918									
GFL11...	k	1018		998		1095		1076		1172	
GFL14...	k	1137		1117		1214		1195		1291	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

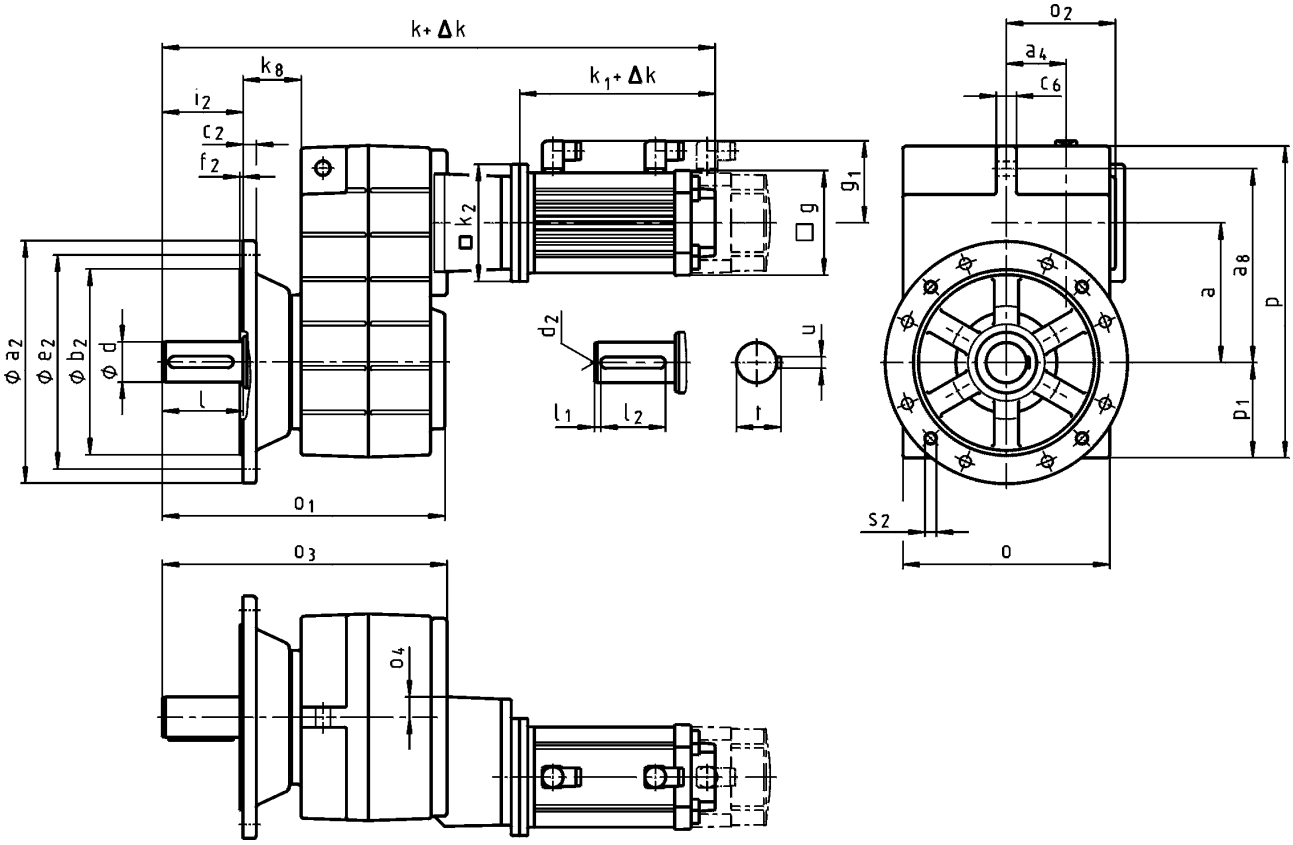
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GFL□□-3A V□R

	o	o_1	o_2	o_3	o_4	p	p_1	a	a_4	a_7	a_8	c_6	s_6	k_6	k_7
GFL05...	165	197	107	201	23	252	78	112.5	54.5	29	155	16	14	35	38
GFL06...	206	236	111	240	20	315	98	140	58	35	195	20		46	46
GFL07...	256	296	135	299	24	386	118	173	74	44	240	25	18	56	56
GFL09...	318	356	170	358	27	486	149	220	93.5	50	300	32	22	70	70
GFL11...	395	445	216	445	34	600	181	276.5	120	65	375	40	26	84	90
GFL14...	490	544	271	540	38	740	228	339	154	80	455	50	32	100	114

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				6x60°
GFL05...	30	60	50	6	45	M10	8	33	118	80	100	4	64	M8x15
GFL06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GFL07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18
GFL09...	60	120	95		100	M20	18	64	205	145	175	6	125	M16x24
GFL11...	80	160	105	15	125		22	85	240	140	205		166	M20x32
GFL14...	100	200	135	18	160	M24	28	106	290	170	250		207	M24x35

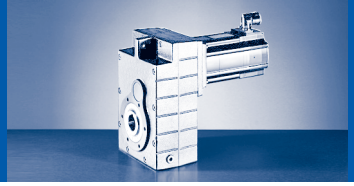
d ≤ 50 mm: k6; d > 50 mm: m6



GFL□□-3A VCK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL05...	k	579	588	656						
GFL06...	k	637	646	714						
GFL07...	k	715	724	792	774		836			
GFL09...	k	792	801	869	851		913		890	
GFL11...	k	892	901	969	951		1013		990	
GFL14...	k				1070		1132		1109	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GFL□□-3A VCK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL09...	k	979									
GFL11...	k	1079		1058		1155		1137		1233	
GFL14...	k	1198		1177		1274		1256		1352	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

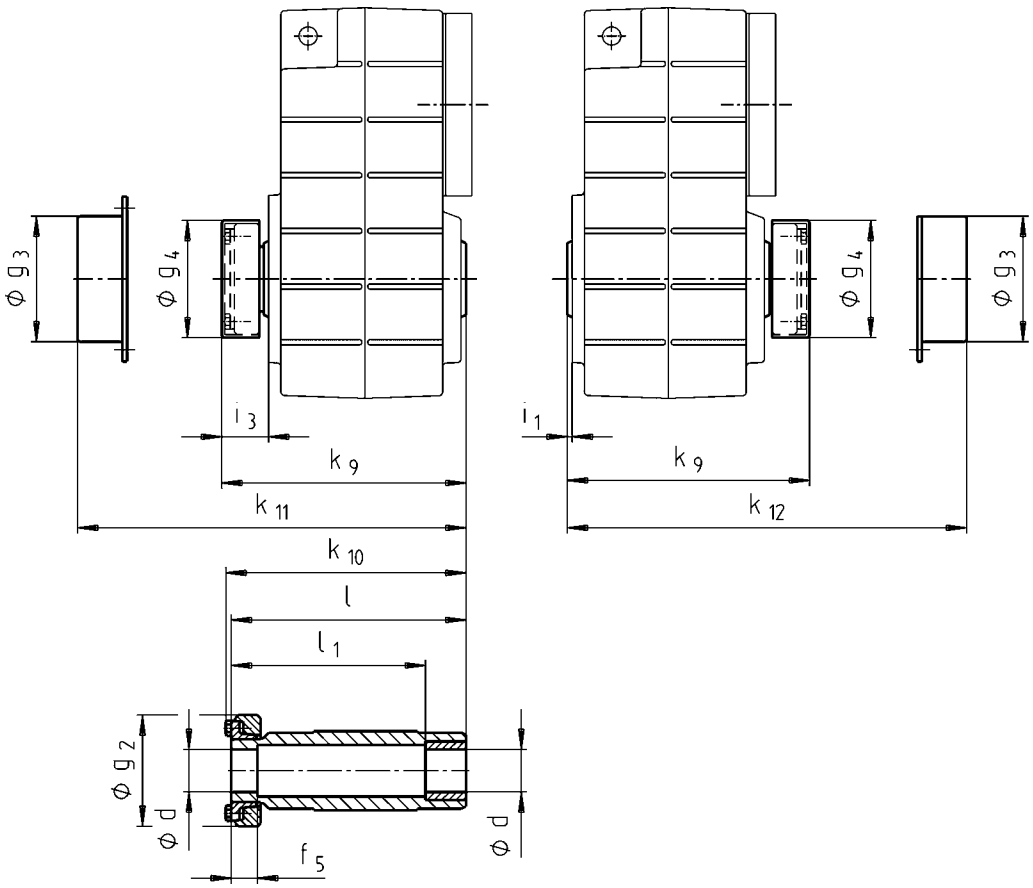
GFL□□-3A VCK

	o	o_1	o_2	o_3	o_4	p	p_1	a	a_4	k_8
GFL05...	165	230	107	234	23	252	78	112.5	54.5	46
GFL06...	206	277	111	281	20	315	98	140	58	56
GFL07...	256	351	135	354	24	386	118	173	74	73
GFL09...	318	416	170	418	27	486	149	220	93.5	78
GFL11...	395	505	216	505	34	600	181	276.5	120	86
GFL14...	490	604	271	600	38	740	228	339	154	90

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GFL05...	30	60	6	45	M10	8	33	200	130	12	165	3.5	60	4 x 11
GFL06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GFL07...	50	100	8	80		14	53.5	300	230	17	265		100	
GFL09...	60	120		100	M20	18	64	350	250	18	300		120	4 x 17.5
GFL11...	80	160	15	125		22	85	400	300	20	350	5	160	
GFL14...	100	200	18	160	M24	28	106	450	350	22	400		200	8 x 17.5

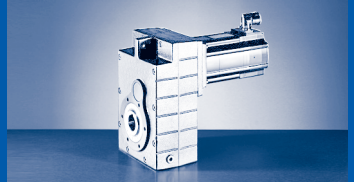
d ≤ 50 mm: k6; d > 50 mm: m6

Hollow shaft with shrink disc



	Machine shaft	Hollow shaft with shrink disc						Protective cap			Cover		
	d	i_1	k_{10}	g_2	l	l_1	f_5	i_3	k_9	g_4	k_{11}	k_{12}	g_3
	h6												
GFL04...	25 30	2.5	148	72	142	122	26	37	150	76	154	154	79
GFL05...	35	4	174	80	168	148	28	39.5	176	84	179	180	90
GFL06...	40	5	200	90	194	164	30	46.5	202	94	204	205	100
GFL07...	50		238	110	232	192	26	45.5	241	116	244	245	124
GFL09...	65		285	141	278	228	30	53	288	147	287	288	159
GFL11...	80	6	344	170	338	238	42	63	347	176	349	350	191
GFL14...	100	7	415	215	407	307	55	75	418	221	421	422	253

- Ensure that the strength of the shaft material is adequate in shrink disc designs.
  When using typical steels (e.g. C45, 42CrMo4), the torques listed in the selection tables can be used without restriction.
  When using material that is considerably weaker, please consult us. Medium surface roughness Rz must not exceed 15 µm (turning operation is sufficient).



Possible combinations with shrink disc in position 1 (drive end)

GFL□□-2S with motor frame size

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GFL04...	● 1)	● 1)	● 1)	● 1)	● 1)	● 1)	● 1)							
GFL05...	● 1)	● 1)	● 1)	● 1)	● 1)	● 1)	● 1)							
GFL06...	●	●	●	●	●	●	●	●	●	●	●	●	●	●
GFL07...				●	●	●	●	●	●	●	●	●	●	●
GFL09...								●	●	●	●	●	●	●

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GFL06...	●	●	●	●	●	●	●	●						
GFL07...	●	●	●	●	●	●	●	●	●	●	●	●	●	●
GFL09...	●	●	●	●	●	●	●	●	●	●	●	●	●	●
GFL11...	●	●	●	●	●	●	●	●	●	●	●	●	●	●
GFL14...									●	●	●	●	●	●

GFL□□-2A with motor frame size

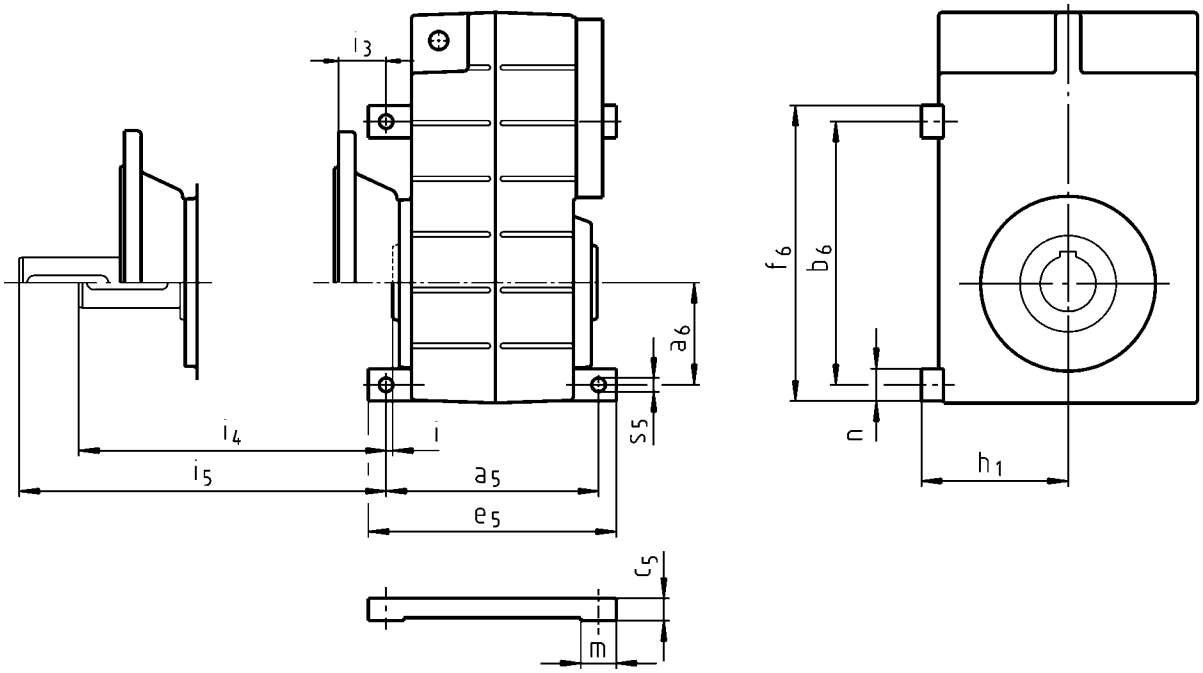
	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GFL06...	●	●	●	● 1)	● 1)	● 1)	● 1)	● 1)	● 1)
GFL07...	●	●	●	●	●	●	●	●	●
GFL09...				●	●	●	●	●	●
GFL11...				●	●	●	●	●	●

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GFL06...	● 1)	● 1)								
GFL07...	●	●	● 1)	● 1)	● 1)	● 1)				
GFL09...	●	●	●	●	●	●	●	●	●	●
GFL11...	●	●	●	●	●	●	●	●	●	●
GFL14...			●	●	●	●	●	●	●	●

1) Only possible without cover.

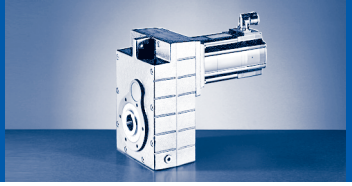
► GFL□□-2S: Terminal box in position 4 on request only.
GFL□□-2A: Connector/terminal box in position 4 not possible.
GFL□□-3□: All versions are possible.

Foot mounting in position 3

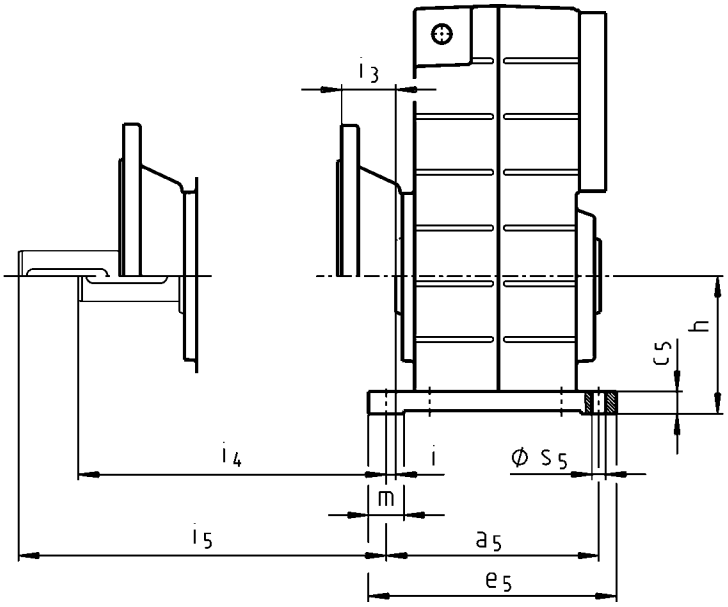


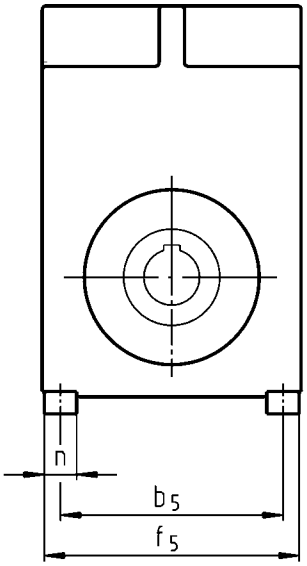
			HAR HBR SAR SBR	HAK SAK	VAR VBR	VAK								
	a_6	h_1	i	i_3	i_4	i_5	a_5	b_6	c_5	e_5	f_6	n	m	s_5
GFL04...	47	90	4.5	28.5	45.5	78.5	130	115	18	152	140	25	22	6.6
GFL05...	65	100	2	31	58	91	160	167	21	185	192		25	9
GFL06...	80	125		39	78	119	175	205	27	205	233	28	30	11
GFL07...	100	155	3	52	97	152	220	260	31	255	292	32	35	13.5
GFL09...	125	190		57	117	177	260	335	36	300	375	40	40	17.5
GFL11...	155	240			157	217	315	435	48	365	485	50	50	22
GFL14...	200	295			197	257	375	540	57	430	600	60	55	26

► Terminal box position 3 is not possible for GFL04...06-2A.



Foot mounting in position 4

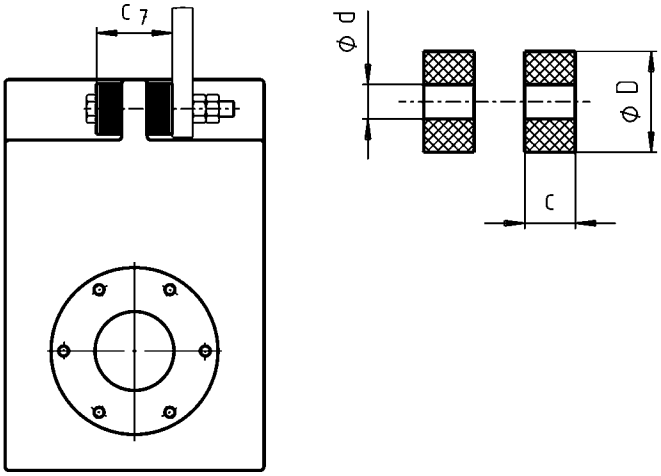




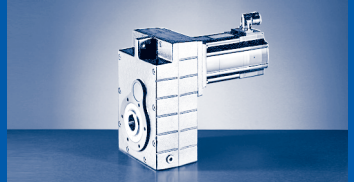
		HAR HBR SAR SBR	HAK SAK	VAR VBR	VAK								
	h	i	i_3	i_4	i_5	a_5	b_5	c_5	e_5	f_5	n	m	s_5
GFL04...	85	4.5	28.5	45.5	78.5	130	108	18	152	133	25	22	6.6
GFL05...	95	2	31	58	91	160	140	21	185	165		25	9
GFL06...	120		39	78	119	175	175	27	205	203	28	30	11
GFL07...	145	3	52	97	152	220	220	31	255	252	32	35	13.5
GFL09...	180		57	117	177	260	275	36	300	315	40	40	17.5
GFL11...	224			157	217	315	340	48	365	390	50	50	22
GFL14...	278			197	257	375	425	57	430	485	60	55	26

► In mounting positions E and F, the oil check bore hole/oil-sight glass are located between the feet in position 4!

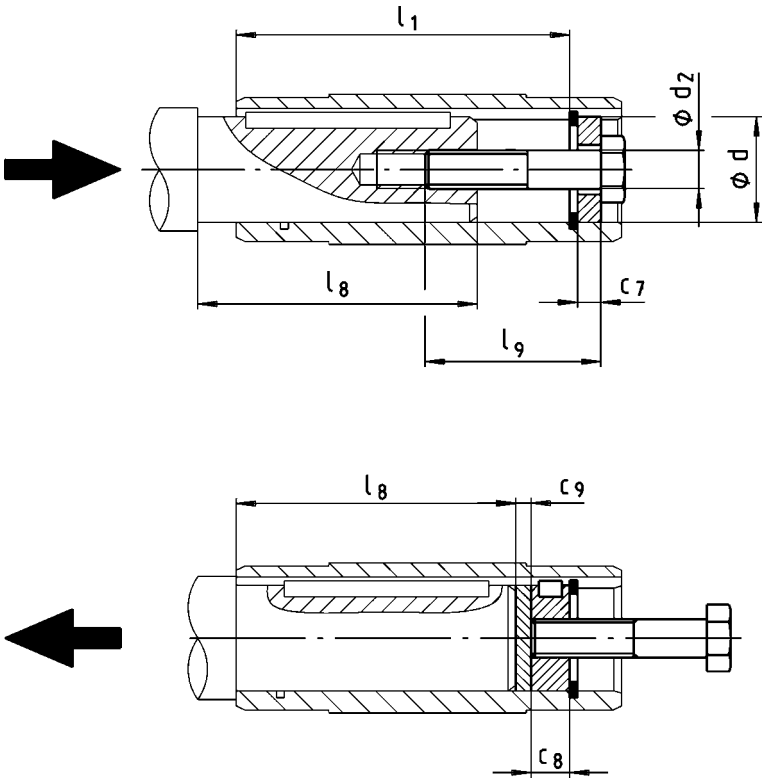
Rubber buffer for torque plate



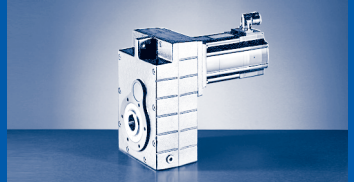
	d	D	c	c_7
GFL04...	11	30	14.5	43
GFL05...				45
GFL06...	13	40	15	50
GFL07...	17	50	27	79
GFL09...	21	60	28	88
GFL11...	26	72	29	98
GFL14...	33	92	30	110

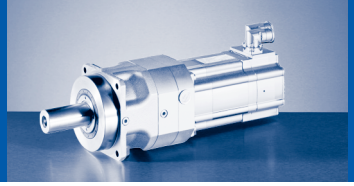


Mounting set for hollow shaft circlip
Proposed design for auxiliary tools



	Hollow shaft		Hollow shaft circlip mounting set (Assembly auxiliaries)			Auxiliary tools Disassembly		Machine shaft
	d	l_1	d_2	l_9	c_7	c_8	c_9	max l_8
	H7							
GFL04...	25	100	M10	40	5	10	3	85
	30				6			
GFL05...		124						107
	35		M12	50	7	12		
GFL06...	40	140	M16	60	8	16	4	118
	45				9			
GFL07...	50	175			10		5	148
	55		M20	80	11	20		
GFL09...	60	210			13			182
	70				14			
GFL11...		250					6	221
	80				16			
GFL14...	100	305	M24	100	20	24	8	270

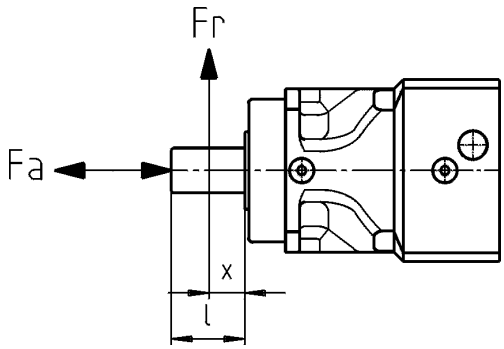




Permissible radial force
$Fr_{zul} = Fr_{Tab}$ at Fa = 0

Permissible axial force
$Fa_{zul} = Fa_{Tab}$ at Fr = 0

At Fr **and** Fa ≠ 0 please contact your Lenze sales office



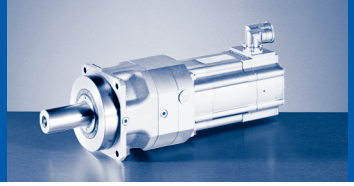
	Solid shaft with flange (GCN) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0											
	GPA00-1/2		GPA01-1/2		GPA02-1/2		GPA03-1/2		GPA04-1/2		GPA05-1/2	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
1000	1550		2325		3700		4950		7170		11390	22500
900	1600		2400		3825		5125		7400		11750	
800	1675		2475		3950		5300		7670		12180	
700	1725		2600		4125		5525		7980		12680	
600	1825		2700		4325		5775		8360		13280	
500	1925	2300	2850	3200	4550	5400	6100	9400	8830	13500	14020	22500
400	2050		3050		4875		6525		9450		15000	
300	2250		3350		5300		7100		10300		16350	
200	2525		3775		6000		8025		11630		18000	
≤ 100	2600		3800				9000		14000			
Fr_{max}												

Backlash

Gearbox type	Standard backlash (measured at 2% of gearbox output torque)	Gearbox type	Standard backlash (measured at 2% of gearbox output torque)
	[arcmin]		[arcmin]
GPA00-1	Max. 6	**GPA00-2**	Max. 8
GPA01-1		**GPA01-2**	
GPA02-1		**GPA02-2**	
GPA03-1		**GPA03-2**	
GPA04-1		**GPA04-2**	
GPA05-1		**GPA05-2**	

Torsional stiffness

Gearbox type	Torsional stiffness	Gearbox type	Torsional stiffness
	[Nm/arcmin]		[Nm/arcmin]
GPA00-1	3	**GPA00-2**	2.8
GPA01-1	8.8	**GPA01-2**	8
GPA02-1	23	**GPA02-2**	20
GPA03-1	47	**GPA03-2**	42
GPA04-1	145	**GPA04-2**	125
GPA05-1	225	**GPA05-2**	195



GPA□□-1S GCN...RSO B0

	06C N41	06F N41	06I N41	09D N41	09F N38	09H N41	09L N41	12D N20	12D N41	12H N15	12H N30	12H N35	12L N20	12L N41
GPA00...	4		5	6	7	8	10							
GPA01...	5	6		8	9	10	11	10		13			16	
GPA02...				11	12	13	14	13		16			19	
GPA03...								21		24			27	

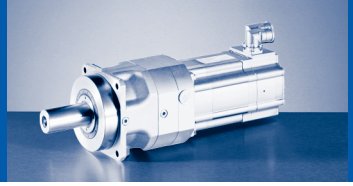
	14D N15	14D N36	14H N15	14H N32	14L N15	14L N32	14P N14	14P N32	19F N14	19F N30	19J N14	19J N30	19P N14	19P N30
GPA02...	17		22		27		31							
GPA03...	25		30		34		39		37		44		54	
GPA04...									53		60		70	
GPA05...									68		75		85	

GPA□□-2S GCN...RSO B0

	06C N41	06F N41	06I N41	09D N41	09F N38	09H N41	09L N41	12D N20	12D N41	12H N15	12H N30	12H N35	12L N20	12L N41
GPA00...	5		6											
GPA01...	6	7		9	10	11	12							
GPA02...				13	14	15	17	15		18			21	
GPA03...								26		30			33	

	14D N15	14D N36	14H N15	14H N32	14L N15	14L N32	14P N14	14P N32	19F N14	19F N30	19J N14	19J N30	19P N14	19P N30
GPA03...	31		36		40		45							
GPA04...									62		69		79	
GPA05...									90		97		107	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



GPA [kg]

GPA□□-1A GCN...RSO B0

	10I N40 ...S00	13I N41 ...S00	13I N34 ...F10	14L N20 ...S00	14L N41 ...S00	14L N16 ...F10	14L N35 ...F10	17N N23 ...S00	17N N41 ...S00
GPA00...	9								
GPA01...	10	14	15						
GPA02...	13	17	19	22		24		29	
GPA03...		26	27	30		32		38	

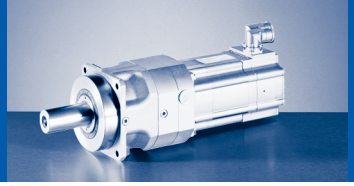
	17N N17 ...F10	17N N35 ...F10	19S N23 ...S00	19S N42 ...S00	19S N17 ...F10	19S N35 ...F10	21X N25 ...S00	21X N42 ...S00	21X N17 ...F10	21X N35 ...F10
GPA01...										
GPA02...	32									
GPA03...	41		60		63		75		79	
GPA04...			75		78		90		94	
GPA05...			90		94		105		109	

GPA□□-2A GCN...RSO B0

	10I N40 ...S00	13I N41 ...S00	13I N34 ...F10	14L N20 ...S00	14L N41 ...S00	14L N16 ...F10	14L N35 ...F10	17N N23 ...S00	17N N41 ...S00
GPA00...	9								
GPA01...	11	15	16						
GPA02...		19	21	24		26		32	
GPA03...									

	17N N17 ...F10	17N N35 ...F10	19S N23 ...S00	19S N42 ...S00	19S N17 ...F10	19S N35 ...F10	21X N25 ...S00	21X N42 ...S00	21X N17 ...F10	21X N35 ...F10
GPA02...	34									
GPA03...			65		68					
GPA04...			84		88		99		103	
GPA05...			111		115		126		130	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



Additional weights MCS servo motors

	06C N41	06F N41	06I N41	09D N41	09F N38	09H N41	09L N41	12D N20	12D N41	12H N15	12H N30	12H N35	12L N20	12L N41
...P1	0.3			0.8				0.9						
...P2				0.5				1.2						
...SCS/SCM/SRM/SRS ...ECN/EQN	0.4			0.2				0.3						

	14D N15	14D N36	14H N15	14H N32	14L N15	14L N32	14P N14	14P N32	19F N14	19F N30	19J N14	19J N30	19P N14	19P N30
...P1	1.9								1.5					
...P2	3.1										4.3			
...SCS/SCM/SRM/SRS ...ECN/EQN	0.3													

Additional weights MCA servo motors

	10I N40 ...S00	13I N41 ...S00	13I N34 ...F10	14L N20 ...S00	14L N41 ...S00	14L N16 ...F10	14L N35 ...F10	17N N23 ...S00	17N N41 ...S00
...P1/P5								2.4	
...P2/P6	0.8	1.4		1.5					
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.3	0.5		0.6				0.7	

	17N N17 ...F10	17N N35 ...F10	19S N23 ...S00	19S N42 ...S00	19S N17 ...F10	19S N35 ...F10	21X N25 ...S00	21X N42 ...S00	21X N17 ...F10	21X N35 ...F10
...P1/P5	2.4		4.8				5.0			
...P2/P6										
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.7		1.0				1.1			

Weights in [kg]

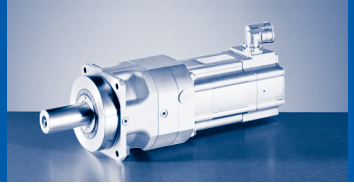
$M_{2\,GN} \leq 25$ Nm

GPA00-1S				06CN41	06FN41	06IN41	09FN38	09HN41
				...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	3.10	3.80
			n_1	4050	4050	4050	3750	4050
			$I_{M\,230}$	2.6	2.9	3.2	5.0	6.8
			$I_{M\,400}$	1.3	1.5	1.6	2.5	3.4
			P_N	0.25	0.51	0.64	1.20	1.60
			J_M	0.17	0.25	0.33	1.53	1.93
3.000	20	0.22	M_2		4	4		
			c		5.8	4.6		
			$n_{2\,Eck}$		1350	1350		
			$n_{2\,th}$		867	867		
4.000	25	0.16	M_2		5	6	12	15
			c		5.4	4.4	2.1	1.7
			$n_{2\,Eck}$		1013	1013	938	1013
			$n_{2\,th}$		825	825	825	825
5.000	25	0.13	M_2		6	7	15	19
			c		4.3	3.5	1.7	1.4
			$n_{2\,Eck}$		810	810	750	810
			$n_{2\,th}$		660	660	660	660
7.000	25	0.12	M_2		8	10		
			c		3.1	2.5		
			$n_{2\,Eck}$		579	579		
			$n_{2\,th}$		571	571		
10.000	15	0.11	M_2	6	12	15		
			c	2.5	1.3	1.0		
			$n_{2\,Eck}$	405	405	405		
			$n_{2\,th}$	400	400	400		

GPA00-2S				06CN41	06FN41	06IN41
				...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50
			n_1	4050	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2
			$I_{M\,400}$	1.3	1.5	1.6
			P_N	0.25	0.51	0.64
			J_M	0.17	0.25	0.33
16.000	25	0.15	M_2	9	18	23
			c	2.8	1.4	1.1
			$n_{2\,Eck}$	253	253	253
			$n_{2\,th}$	253	253	253

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 70$ Nm

GPA01-1S				06FN41	06IN41	09FN38	09HN41	12HN15	12HN35	12LN20	12LN41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	3.10	3.80	10.00	7.50	13.50	11.00
			n_1	4050	4050	3750	4050	1500	3525	1950	4050
			$I_{M\,230}$	2.9	3.2	5.0	6.8	7.6		11.8	
			$I_{M\,400}$	1.5	1.6	2.5	3.4	3.8	5.7	5.9	10.2
			P_N	0.51	0.64	1.20	1.60	1.60	2.80	2.80	4.70
			J_M	0.25	0.33	1.53	1.93	7.42	7.42	10.72	10.72
3.000	56	0.71	M_2					29	22	40	32
			c					1.9	2.6	1.4	1.7
			$n_{2\,Eck}$					500	1175	650	1350
			$n_{2\,th}$					500	767	650	767
4.000	70	0.52	M_2					39	29	53	43
			c					1.8	2.4	1.3	1.6
			$n_{2\,Eck}$					375	881	488	1013
			$n_{2\,th}$					375	725	488	725
7.000	70	0.39	M_2			21	26	68	51		
			c			3.3	2.7	1.0	1.4		
			$n_{2\,Eck}$			536	579	214	504		
			$n_{2\,th}$			443	443	214	443		
10.000	45	0.36	M_2	12	15	30	37				
			c	3.9	3.1	1.5	1.2				
			$n_{2\,Eck}$	405	405	375	405				
			$n_{2\,th}$	310	310	310	310				

GPA01-2S				06CN41	06FN41	06IN41	09FN38	09HN41
				...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	3.10	3.80
			n_1	4050	4050	4050	3750	4050
			$I_{M\,230}$	2.6	2.9	3.2	5.0	6.8
			$I_{M\,400}$	1.3	1.5	1.6	2.5	3.4
			P_N	0.25	0.51	0.64	1.20	1.60
			J_M	0.17	0.25	0.33	1.53	1.93
16.000	70	0.16	M_2		18	23	47	58
			c		3.9	3.1	1.5	1.2
			$n_{2\,Eck}$		253	253	234	253
			$n_{2\,th}$		219	219	219	219
20.000	70	0.14	M_2		23	29		
			c		3.1	2.5		
			$n_{2\,Eck}$		203	203		
			$n_{2\,th}$		175	175		
28.000	70	0.12	M_2	16	32	40		
			c	4.4	2.2	1.8		
			$n_{2\,Eck}$	145	145	145		
			$n_{2\,th}$	136	136	136		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

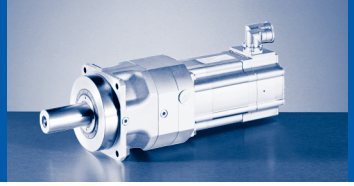
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 170$ Nm

GPA02-1S				09FN38	09HN41	12HN15	12HN35	12LN20	12LN41	14DN15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	3.10	3.80	10.00	7.50	13.50	11.00	9.20
			n_1	3750	4050	1500	3525	1950	4050	1500
			$I_{M\,230}$	5.0	6.8	7.6		11.8		
			$I_{M\,400}$	2.5	3.4	3.8	5.7	5.9	10.2	4.5
			P_N	1.20	1.60	1.60	2.80	2.80	4.70	1.45
			J_M	1.53	1.93	7.42	7.42	10.72	10.72	8.22
3.000	135	3.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							27 5.0 500 500
4.000	0	2.25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			38 4.3 375 0				
4.000	170	2.25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					53 3.2 488 488	43 4.0 1013 625	36 4.7 375 375
5.000	170	1.52	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			49 3.5 300 300	37 4.6 705 500	66 2.6 390 390	54 3.2 810 500	45 3.8 300 300
7.000	170	1.69	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			68 2.5 214 214	51 3.3 504 400	92 1.9 279 279	75 2.3 579 400	63 2.7 214 214
10.000	110	1.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	30 3.6 375 280	37 3.0 405 280					

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 170$ Nm

14DN36	14HN15	14HN32	14LN15	14LN32	14PN14	14PN32	GPA02-1S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	n_1			
							$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
	47 2.9 500 500	41 3.3 1075 667	67 2.0 500 500	50 2.7 1075 667	88 1.5 450 450	61 2.2 1075 667	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.10	135	3.000
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.25	0	4.000
	62 2.7 375 375	55 3.1 806 625	90 1.9 375 375	67 2.5 806 625	117 1.5 338 338	82 2.1 806 625	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.25	170	4.000
37 4.6 720 500	78 2.2 300 300	68 2.5 645 500	112 1.5 300 300	84 2.0 645 500	146 1.2 270 270	102 1.7 645 500	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.52	170	5.000
51 3.3 514 400	109 1.6 214 214	96 1.8 461 400	157 1.1 214 214	117 1.5 461 400		143 1.2 461 400	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.69	170	7.000
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.18	110	10.000

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

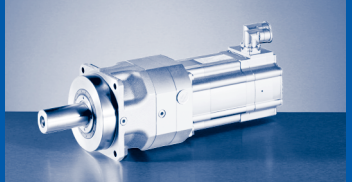
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 170$ Nm

GPA02-2S				09FN38	09HN41	12HN15	12HN35	12LN41
				...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	3.10	3.80	10.00	7.50	11.00
			n_1	3750	4050	1500	3525	4050
			$I_{M\,230}$	5.0	6.8	7.6		
			$I_{M\,400}$	2.5	3.4	3.8	5.7	10.2
			P_N	1.20	1.60	1.60	2.80	4.70
			J_M	1.53	1.93	7.42	7.42	10.72
16.000	170	0.58	M_2	47	58	152	114	167
			c	3.6	2.9	1.1	1.5	1.0
			$n_{2\,Eck}$	234	253	94	220	253
			$n_{2\,th}$	194	194	94	194	194
20.000	170	0.48	M_2	59	72			
			c	2.9	2.4			
			$n_{2\,Eck}$	188	203			
			$n_{2\,th}$	155	155			
28.000	170	0.41	M_2	83	101			
			c	2.1	1.7			
			$n_{2\,Eck}$	134	145			
			$n_{2\,th}$	125	125			
35.000	170	0.40	M_2	103	126			
			c	1.7	1.4			
			$n_{2\,Eck}$	107	116			
			$n_{2\,th}$	100	100			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

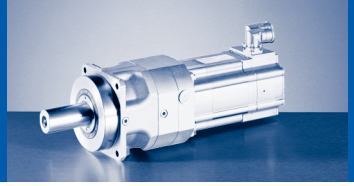


$M_{2\,GN} \leq 360$ Nm

GPA03-1S				12HN15	12HN35	12LN20	12LN41	14DN15	14DN36	14HN15	14HN32	14LN15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	10.00	7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00
			n_1	1500	3525	1950	4050	1500	3600	1500	3225	1500
			$I_{M\,230}$	7.6		11.8						
			$I_{M\,400}$	3.8	5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7
			P_N	1.60	2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60
			J_M	7.42	7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44
3.000	290	9.31	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
4.000	360	6.89	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
5.000	360	5.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
7.000	360	3.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							109 3.3 214 214	96 3.8 461 371	157 2.3 214 214
10.000	220	3.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	98 2.3 150 150	73 3.0 353 260	132 1.7 195 195	107 2.1 405 260	90 2.5 150 150	73 3.0 360 260	156 1.4 150 150	137 1.6 323 260	224 1.0 150 150

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

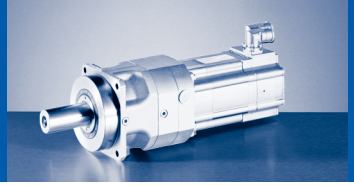


$M_{2\,GN} \leq 360$ Nm

14LN32	14PN14	14PN32	19FN14	19FN30	19JN14	19JN30	19PN14	19PN30	GPA03-1S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
									$I_{M\,230}$			
15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
			79	61	117	85	149	94	M_2	9.31	290	3.000
			3.7	4.7	2.5	3.4	2.0	3.1	c			
			475	1000	475	1000	450	1000	$n_{2\,Eck}$			
			475	567	475	567	450	567	$n_{2\,th}$			
			105	82	156	113	199	125	M_2	6.89	360	4.000
			3.4	4.4	2.3	3.2	1.8	2.9	c			
			356	750	356	750	338	750	$n_{2\,Eck}$			
			356	525	356	525	338	525	$n_{2\,th}$			
			132	102	195	141	249	156	M_2	5.97	360	5.000
			2.7	3.5	1.9	2.6	1.5	2.3	c			
			285	600	285	600	270	600	$n_{2\,Eck}$			
			285	420	285	420	270	420	$n_{2\,th}$			
117	205	143	184	143	273	198	348	218	M_2	3.90	360	7.000
3.1	1.8	2.5	2.0	2.5	1.3	1.8	1.0	1.7	c			
461	193	461	204	429	204	429	193	429	$n_{2\,Eck}$			
371	193	371	204	371	204	371	193	371	$n_{2\,th}$			
168		205							M_2	3.53	220	10.000
1.3		1.1							c			
323		323							$n_{2\,Eck}$			
260		260							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

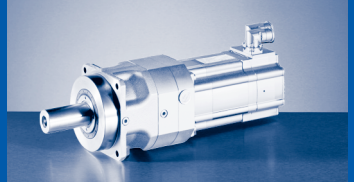


$M_{2\,GN} \leq 360$ Nm

GPA03-2S				12HN15	12HN35	12LN20	12LN41	14DN15	14DN36	14HN15	14HN32	14LN15	14LN32	14PN32
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	10.00	7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	21.00
			n_1	1500	3525	1950	4050	1500	3600	1500	3225	1500	3225	3225
			$I_{M\,230}$	7.6		11.8								
			$I_{M\,400}$	3.8	5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	15.6
			P_N	1.60	2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	7.10
			J_M	7.42	7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.82
16.000	360	2.37	M_2	152	114	205	167	140	114	243	213	350	261	319
			c	2.4	3.2	1.8	2.2	2.6	3.2	1.5	1.7	1.0	1.4	1.1
			$n_{2\,Eck}$	94	220	122	253	94	225	94	202	94	202	202
			$n_{2\,th}$	94	181	122	181	94	181	94	181	94	181	181
20.000	360	2.02	M_2	190	143	257	209	175	143	304	266		327	
			c	1.9	2.5	1.4	1.7	2.1	2.5	1.2	1.4		1.1	
			$n_{2\,Eck}$	75	176	98	203	75	180	75	161		161	
			$n_{2\,th}$	75	145	98	145	75	145	75	145		145	
28.000	360	1.74	M_2	266	200	359	293							
			c	1.4	1.8	1.0	1.2							
			$n_{2\,Eck}$	54	126	70	145							
			$n_{2\,th}$	54	114	70	114							

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 620$ Nm

GPA04-1S				19FN14	19FN30	19JN14	19JN30	19PN14	19PN30
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	27.00	21.00	40.00	29.00	51.00	32.00
			n_1	1425	3000	1425	3000	1350	3000
			$I_{M\,400}$	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
5.000	550	19.46	M_2	132		195	141	249	156
			c	4.2		2.8	3.9	2.2	3.5
			$n_{2\,Eck}$	285		285	600	270	600
			$n_{2\,th}$	285		285	340	270	340
7.000	550	25.90	M_2	184	143	273	198	348	218
			c	3.0	3.8	2.0	2.8	1.6	2.5
			$n_{2\,Eck}$	204	429	204	429	193	429
			$n_{2\,th}$	204	343	204	343	193	343
10.000	340	24.89	M_2	263	205				312
			c	1.3	1.7				1.1
			$n_{2\,Eck}$	143	300				300
			$n_{2\,th}$	143	240				240
10.000	360	24.89	M_2				283		
			c				1.3		
			$n_{2\,Eck}$				300		
			$n_{2\,th}$				240		

GPA04-2S				19FN14	19FN30	19JN14	19JN30	19PN30
				...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	27.00	21.00	40.00	29.00	32.00
			n_1	1425	3000	1425	3000	3000
			$I_{M\,400}$	8.6	14.0	12.3	18.5	19.0
			P_N	4.00	6.60	6.00	9.10	10.00
			J_M	65.12	65.04	105.04	105.12	160.04
16.000	550	7.33	M_2			550		
			c			1.0		
			$n_{2\,Eck}$			89		
			$n_{2\,th}$			89		
16.000	620	7.33	M_2	410	319		441	486
			c	1.5	1.9		1.4	1.3
			$n_{2\,Eck}$	89	188		188	188
			$n_{2\,th}$	89	169		169	169

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

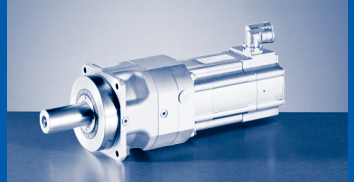
$M_{2\,GN} \leq 1000$ Nm

GPA05-1S				19FN14	19FN30	19JN14	19JN30	19PN14	19PN30
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	27.00	21.00	40.00	29.00	51.00	32.00
			n_1	1425	3000	1425	3000	1350	3000
			$I_{M\,400}$	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
7.000	1000	21.36	M_2			273		348	
			c			3.7		2.9	
			$n_{2\,Eck}$			204		193	
			$n_{2\,th}$			204		193	
10.000	620	18.62	M_2	263	205	390	283	497	312
			c	2.4	3.0	1.6	2.2	1.3	2.0
			$n_{2\,Eck}$	143	300	143	300	135	300
			$n_{2\,th}$	143	220	143	220	135	220

GPA05-2S				19FN14	19FN30	19JN14	19JN30	19PN14	19PN30
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	27.00	21.00	40.00	29.00	51.00	32.00
			n_1	1425	3000	1425	3000	1350	3000
			$I_{M\,400}$	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
16.000	1000	23.39	M_2	410	319	608	441	775	486
			c	2.4	3.1	1.6	2.3	1.3	2.1
			$n_{2\,Eck}$	89	188	89	188	84	188
			$n_{2\,th}$	89	156	89	156	84	156
20.000	1000	20.08	M_2	513	399	760	551	969	608
			c	2.0	2.5	1.3	1.8	1.0	1.6
			$n_{2\,Eck}$	71	150	71	150	68	150
			$n_{2\,th}$	71	125	71	125	68	125
28.000	1000	26.22	M_2	718	559	1000	771		851
			c	1.4	1.8	1.0	1.3		1.2
			$n_{2\,Eck}$	51	107	51	107		107
			$n_{2\,th}$	51	89	51	89		89

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 25$ Nm

GPA00-1A				10IN40
				...S00
i	$M_{2\,GN}$	J_G	M_1	2.00
			n_1	3950
			$I_{M\,400}$	2.4
			P_N	0.80
			J_M	2.44
4.000	25	0.16	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8 3.2 988 825
5.000	25	0.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	10 2.6 790 660

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

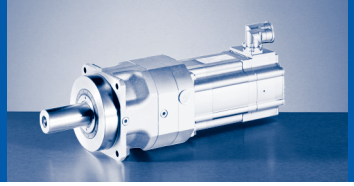
$M_{2\,GN} \leq 72$ Nm

GPA01-1A				10IN40	13IN34	13IN41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
3.000	56	0.71	M_2		18	11
			c		3.0	4.8
			$n_{2\,Eck}$		1137	1350
			$n_{2\,th}$		767	767
4.000	70	0.52	M_2		24	15
			c		2.8	4.5
			$n_{2\,Eck}$		853	1013
			$n_{2\,th}$		725	725
7.000	70	0.39	M_2		43	27
			c		1.6	2.6
			$n_{2\,Eck}$		487	579
			$n_{2\,th}$		443	443
7.000	72	0.39	M_2	13		
			c	5.3		
			$n_{2\,Eck}$	564		
			$n_{2\,th}$	443		
10.000	46	0.36	M_2	19		
			c	2.4		
			$n_{2\,Eck}$	395		
			$n_{2\,th}$	310		

GPA01-2A				10IN40
				...S00
i	$M_{2\,GN}$	J_G	M_1	2.00
			n_1	3950
			$I_{M\,400}$	2.4
			P_N	0.80
			J_M	2.44
16.000	70	0.16	M_2	30
			c	2.3
			$n_{2\,Eck}$	247
			$n_{2\,th}$	219

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 170$ Nm

GPA02-1A				10IN40	13IN34	14LN16	14LN20	14LN35	14LN41	17NN17	17NN23	17NN35	17NN41
				...S00	...F10	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
3.000	135	3.10	M_2			34		31		62	31	55	27
			c			3.8		4.3		2.1	4.3	2.4	4.8
			$n_{2\,Eck}$			545		1152		560	767	1160	1370
			$n_{2\,th}$			545		667		560	667	667	667
4.000	170	2.25	M_2			46		41		83	41	74	36
			c			3.6		4.0		2.0	4.0	2.3	4.6
			$n_{2\,Eck}$			409		864		420	575	870	1028
			$n_{2\,th}$			409		625		420	575	625	625
5.000	170	1.52	M_2		29	58	31	52		105	52	92	45
			c		5.5	2.9	5.2	3.2		1.6	3.2	1.8	3.7
			$n_{2\,Eck}$		682	327	400	691		336	460	696	822
			$n_{2\,th}$		500	327	400	500		336	460	500	500
7.000	170	1.69	M_2		42	81	45	73	36	147	73	130	64
			c		3.9	2.1	3.7	2.3	4.6	1.2	2.3	1.3	2.6
			$n_{2\,Eck}$		487	234	286	494	586	240	329	497	587
			$n_{2\,th}$		400	234	286	400	400	240	329	400	400
10.000	110	1.18	M_2	19									
			c	5.6									
			$n_{2\,Eck}$	395									
			$n_{2\,th}$	280									

GPA02-2A				10IN40	13IN34	13IN41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
16.000	170	0.58	M_2	29	96	60
			c	5.5	1.8	2.8
			$n_{2\,Eck}$	247	213	253
			$n_{2\,th}$	194	194	194
20.000	170	0.48	M_2	37		
			c	4.4		
			$n_{2\,Eck}$	198		
			$n_{2\,th}$	155		
28.000	170	0.41	M_2	53		
			c	3.2		
			$n_{2\,Eck}$	141		
			$n_{2\,th}$	125		
35.000	170	0.40	M_2	66		
			c	2.5		
			$n_{2\,Eck}$	113		
			$n_{2\,th}$	100		

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

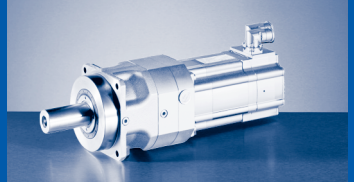
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 360$ Nm

GPA03-1A				13IN34	13IN41	14LN16	14LN20	14LN35	14LN41	17NN17	17NN23	17NN35
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00
			n_1	3410	4050	1635	2000	3455	4100	1680	2300	3480
			$I_{M\,400}$	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8
			P_N	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90
			J_M	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04
3.000	290	9.31	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
4.000	360	6.89	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
5.000	360	5.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
7.000	360	3.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			79 4.4 234 234		71 4.9 494 371		145 2.4 240 240	71 4.9 329 329	128 2.8 497 371
10.000	220	3.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	60 3.6 341 260	37 5.6 405 260	117 1.9 164 164	64 3.4 200 200	105 2.1 346 260	51 4.2 410 260	211 1.0 168 168	105 2.1 230 230	186 1.2 348 260

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

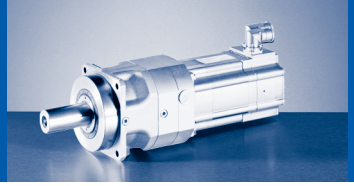


$M_{2\,GN} \leq 360$ Nm

17NN41	19SN17	19SN23	19SN35	19SN42	21XN17	21XN25	21XN35	21XN42	GPA03-1A			
...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
9.50	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
4110	1700	2340	3510	4150	1710	2490	3520	4160	n_1			
10.2	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
4.10	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
	105		104		179	70	160	48	M_2	9.31	290	3.000
	2.7		2.7		1.6	4.0	1.8	5.8	c			
	567		1170		570	830	1173	1387	$n_{2\,Eck}$			
	567		567		567	567	567	567	$n_{2\,th}$			
	140	61	139						M_2	6.89	360	4.000
	2.5	5.6	2.6						c			
	425	585	878						$n_{2\,Eck}$			
	425	525	525						$n_{2\,th}$			
	176	77	175		300	118	269	80	M_2	5.97	360	5.000
	2.0	4.5	2.0		1.2	3.0	1.3	4.3	c			
	340	468	702		342	498	704	832	$n_{2\,Eck}$			
	340	420	420		342	420	420	420	$n_{2\,th}$			
62	248	109	246	79					M_2	3.90	360	7.000
5.5	1.5	3.2	1.5	4.4					c			
587	243	334	501	593					$n_{2\,Eck}$			
371	243	334	371	371					$n_{2\,th}$			
92									M_2	3.53	220	10.000
2.4									c			
411									$n_{2\,Eck}$			
260									$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

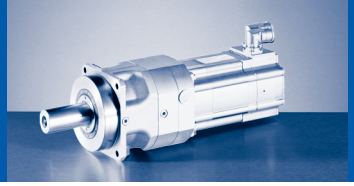


$M_{2\,GN} \leq 360$ Nm

GPA03-2A				13IN34	13IN41	14LN16	14LN20	14LN35	14LN41	17NN17	17NN23	17NN35	17NN41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
16.000	360	2.37	M_2	94	58	183	100	164	80	330	164	291	144
			c	3.7	5.9	2.0	3.5	2.2	4.3	1.1	2.2	1.2	2.5
			$n_{2\,Eck}$	213	253	102	125	216	256	105	144	218	257
			$n_{2\,th}$	181	181	102	125	181	181	105	144	181	181
20.000	360	2.02	M_2	119	74	229	126	206	101		206		181
			c	3.0	4.7	1.6	2.8	1.7	3.5		1.7		2.0
			$n_{2\,Eck}$	171	203	82	100	173	205		115		206
			$n_{2\,th}$	145	145	82	100	145	145		115		145
28.000	360	1.74	M_2	167	105								
			c	2.1	3.4								
			$n_{2\,Eck}$	122	145								
			$n_{2\,th}$	114	114								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 550$ Nm

GPA04-1A				19SN17	19SN23	19SN35	19SN42	21XN17	21XN25	21XN35	21XN42
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00
			n_1	1700	2340	3510	4150	1710	2490	3520	4160
			$I_{M\,400}$	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8
			P_N	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40
			J_M	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04
3.000	420	29.42	M_2					178	69	159	
			c					2.3	5.8	2.6	
			$n_{2\,Eck}$					570	830	1173	
			$n_{2\,th}$					467	467	467	
4.000	550	22.06	M_2					238	92	212	
			c					2.3	5.7	2.6	
			$n_{2\,Eck}$					428	623	880	
			$n_{2\,th}$					425	425	425	
5.000	550	19.46	M_2	174		173					
			c	3.1		3.1					
			$n_{2\,Eck}$	340		702					
			$n_{2\,th}$	340		340					
7.000	550	25.90	M_2	246	107	244		420	165	376	112
			c	2.2	4.9	2.2		1.3	3.3	1.5	4.7
			$n_{2\,Eck}$	243	334	501		244	356	503	594
			$n_{2\,th}$	243	334	343		244	343	343	343
10.000	340	24.89	M_2		158		115				
			c		2.1		2.9				
			$n_{2\,Eck}$		234		415				
			$n_{2\,th}$		234		240				

GPA04-2A				19SN23	19SN42
				...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	16.30	12.00
			n_1	2340	4150
			$I_{M\,400}$	8.2	14.0
			P_N	4.00	5.20
			J_M	72.12	72.12
16.000	550	7.33	M_2	247	181
			c	2.2	3.0
			$n_{2\,Eck}$	146	259
			$n_{2\,th}$	146	169

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

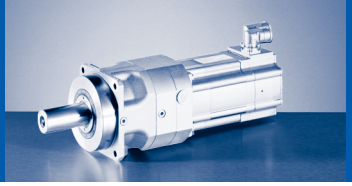
$M_{2\,GN} \leq 1000$ Nm

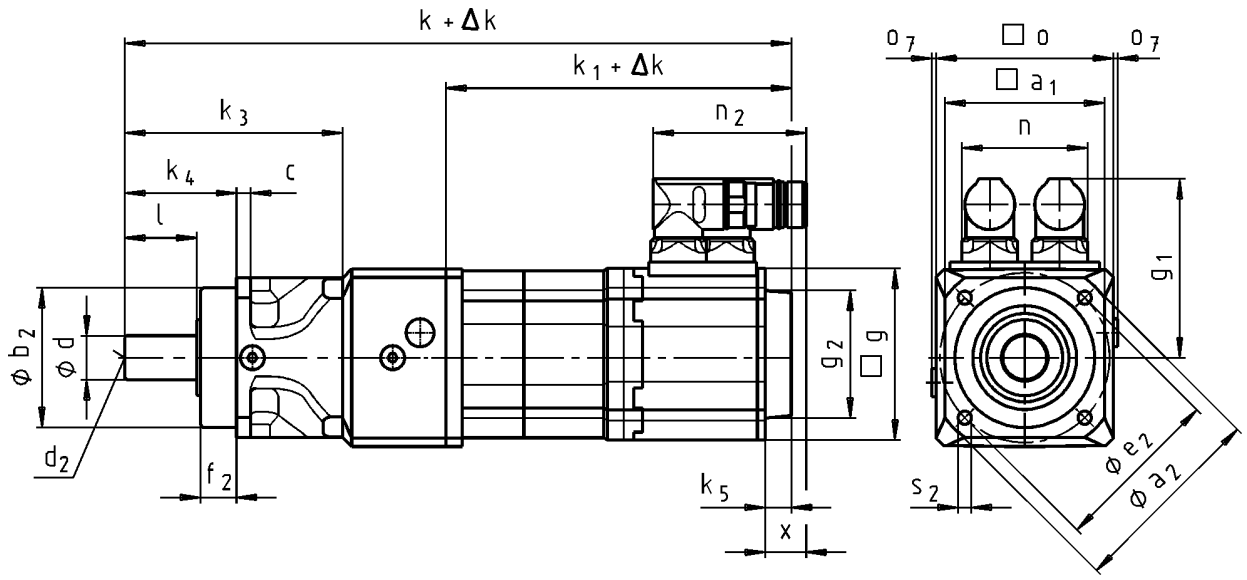
GPA05-1A				21XN17	21XN25	21XN35	21XN42
				...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	61.40	24.60	55.00	17.00
			n_1	1710	2490	3520	4160
			$I_{M\,400}$	22.5	13.5	42.5	19.8
			P_N	11.00	6.40	20.30	7.40
			J_M	180.04	180.04	180.04	180.04
10.000	620	18.62	M_2	602	237	538	162
			c	1.0	2.6	1.2	3.7
			$n_{2\,Eck}$	171	249	352	416
			$n_{2\,th}$	171	220	220	220

GPA05-2A				21XN17	21XN25	21XN35	21XN42
				...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	61.40	24.60	55.00	17.00
			n_1	1710	2490	3520	4160
			$I_{M\,400}$	22.5	13.5	42.5	19.8
			P_N	11.00	6.40	20.30	7.40
			J_M	180.04	180.04	180.04	180.04
16.000	1000	23.39	M_2	943	372	844	254
			c	1.1	2.7	1.2	3.8
			$n_{2\,Eck}$	107	156	220	260
			$n_{2\,th}$	107	156	156	156

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

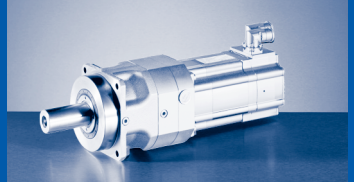




GPA□□-1S GCN ... RSO

		06C N41	06F N41	06I N41	09D N41	09F N38	09H N41	09L N41	12D N20	12D N41	12H N15	12H N30	12H N35	12L N20	12L N41
GPA00...	o	65			89										
	k	265	295	325	316	336	356	396							
GPA01...	o	80			89							116			
	k		323	353	344	364	384	424	349			389		429	
GPA02...	o				102							116			
	k				392	412	432	472	397			437		477	
GPA03...	o											142			
	k								455			495		535	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188			228		268	
	g	62			89							116			
...RSO	k_5	0			13							14			
	g_2	□ 62			Ø 67							Ø 72			
	g_1	76			90							105			
	n_2	64			78										
	n	58			63										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20



GPA□□-1S GCN ... RSO

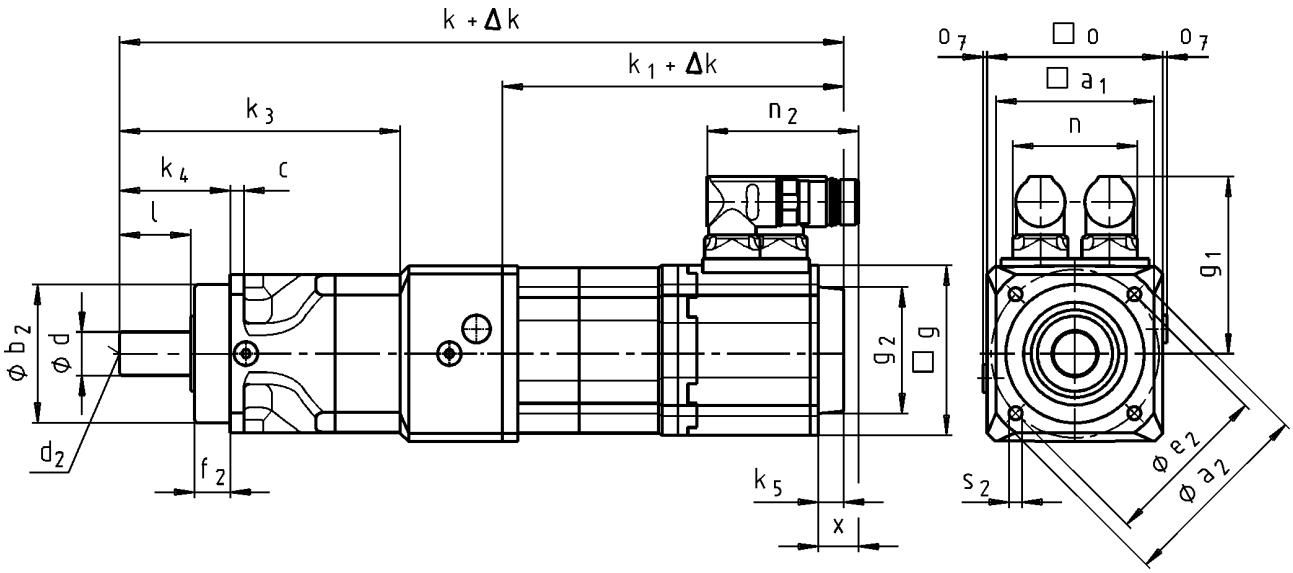
		14D N15	14D N36	14H N15	14H N32	14L N15	14L N32	14P N14	14P N32	19F N14	19F N30	19J N14	19J N30	19P N14	19P N30
GPA02...	o	142													
	k	410		450		490		530							
GPA03...	o	142								192					
	k	468		508		548		588		487		527		587	
GPA04...	o									192					
	k									528		568		628	
GPA05...	o									212					
	k									579		619		679	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116					147	116	147	141	172	141	172	141	172
	n_2	78					94	78	94	78	94	78	94	78	94
	n	63					80	63	80	63	80	63	80	63	80
	x	16					38	16	38	16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GPA□□-1S GCN

	k_3	k_4	o_7
GPA00...	94	48	2
GPA01...	109	56	
GPA02...	146	88	
GPA03...	189	112	3
GPA04...	213		
GPA05...	255	143	

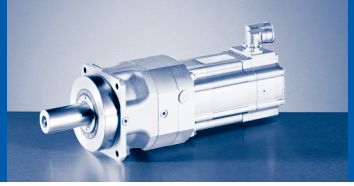
	d	l	d_2	a_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6					g6				4x90°
GPA00...	16	28	M5	65	80	60	6	68	18	5.5
GPA01...	22	36	M8	80	100	70	7	85		6.6
GPA02...	32	58	M12	102	140	90	10	120	28	9
GPA03...	40	82	M16	142	188	130	12	165		11
GPA04...	55		M20	182	250	160	15	215	27	13
GPA05...	75	105		212	290	180	17	250	35	17



GPA□□-2S GCN ... RSO

		06C N41	06F N41	06I N41	09D N41	09F N38	09H N41	09L N41	12D N20	12D N41	12H N15	12H N30	12H N35	12L N20	12L N41
GPA00...	o		65												
	k	296	326	356											
GPA01...	o		80			89									
	k	313	343	373	364	384	404	444							
GPA02...	o					102						116			
	k				419	439	459	499	424			464			504
GPA03...	o											142			
	k								488			528		568	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k		19							20					
	k_1	132	162	192	183	203	223	263	188			228		268	
	g		62			89						116			
...RSO	k_5		0			13						14			
	g_2		□ 62			Ø 67						Ø 72			
	g_1		76			90						105			
	n_2		64							78					
	n		58							63					
	x					21						18			

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20



GPA□□-2S GCN ... RSO

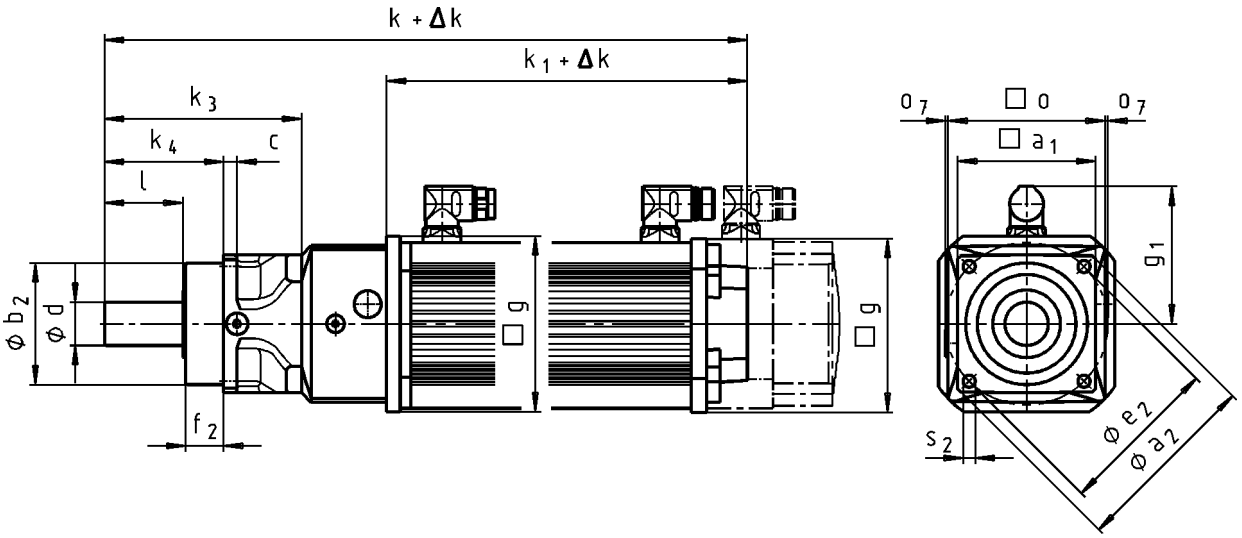
		14D N15	14D N36	14H N15	14H N32	14L N15	14L N32	14P N32	19F N14	19F N30	19J N14	19J N30	19P N14	19P N30
GPA03...	o	142												
	k	501		541		581		621						
GPA04...	o								192					
	k								558			598		658
GPA05...	o								212					
	k								648		688		748	
...RSO B0 [1]	Δ k	0												
...RSO P□ [1]	Δ k	28							34		44			
	k_1	201		241		281		321	220		260		320	
	g	143							192					
...RSO	k_5	24							15					
	g_2	Ø 78												
	g_1	116					147		141	172	141	172	141	172
	n_2	78					94		78	94	78	94	78	94
	n	63					80		63	80	63	80	63	80
	x	16					38		16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GPA□□-2S GCN

	k_3	k_4	o_7
GPA00...	125	48	2
GPA01...	142	56	
GPA02...	184	88	
GPA03...	237	112	
GPA04...	261		3
GPA05...	334	143	

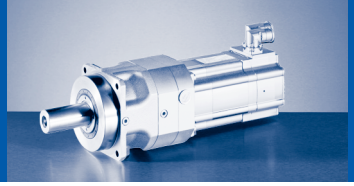
	d	l	d_2	a_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6					g6				4x90°
GPA00...	16	28	M5	65	80	60	6	68	18	5.5
GPA01...	22	36	M8	80	100	70	7	85		6.6
GPA02...	32	58	M12	102	140	90	10	120	28	9
GPA03...	40	82	M16	142	188	130	12	165		11
GPA04...	55		M20	182	250	160	15	215	27	13
GPA05...	75	105		212	290	180	17	250	35	17



GPA□□-1A GCN ... RSO

		10I N40 ...S00	13I N41 ...S00	13I N34 ...F10	14L N20 ...S00	14L N41 ...S00	14L N16 ...F10	14L N35 ...F10	17N N23 ...S00	17N N41 ...S00
GPA00...	o	89								
	k	395								
GPA01...	o	89	116							
	k	423	432	500						
GPA02...	o	102	116		142					
	k	471	479	547	510		572		548	
GPA03...	o		142							
	k		537	605	568		630		606	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	262	271	339	302		364		340	
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GPA□□-1A GCN ... RSO

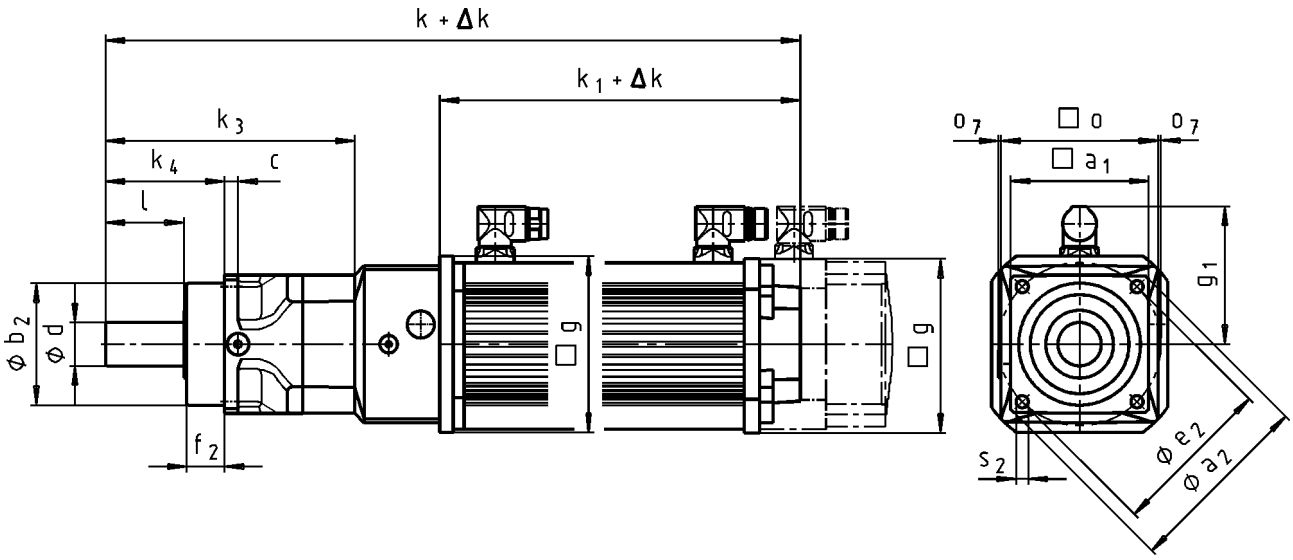
		17N N17 ...F10	17N N35 ...F10	19S N23 ...S00	19S N42 ...S00	19S N17 ...F10	19S N35 ...F10	21X N25 ...S00	21X N42 ...S00	21X N17 ...F10	21X N35 ...F10
GPA02...	o	142									
	k	637									
GPA03...	o	142		192				214			
	k	695		668		765		756		852	
GPA04...	o			192							
	k			709		806		777		873	
GPA05...	o			212							
	k			760		857		829		925	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	429		401		498		470		566	
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GPA□□-1A GCN

	k_3	k_4	o_7
GPA00...	94	48	2
GPA01...	109	56	
GPA02...	146	88	
GPA03...	189	112	3
GPA04...	213		
GPA05...	255	143	

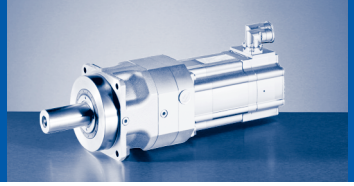
	d	l	d_2	a_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6					g6				4x90°
GPA00...	16	28	M5	65	80	60	6	68	18	5.5
GPA01...	22	36	M8	80	100	70	7	85		6.6
GPA02...	32	58	M12	102	140	90	10	120	28	9
GPA03...	40	82	M16	142	188	130	12	165		11
GPA04...	55		M20	182	250	160	15	215	27	13
GPA05...	75	105		212	290	180	17	250	35	17



GPA□□-2A GCN ... RSO

		10I N40 ...S00	13I N41 ...S00	13I N34 ...F10	14L N20 ...S00	14L N41 ...S00	14L N16 ...F10	14L N35 ...F10	17N N23 ...S00	17N N41 ...S00
GPA01...	**o**	89								
	k	443								
GPA02...	**o**	102	116							
	k	498	507	575						
GPA03...	**o**		142							
	k		571	639	602		664		640	
...RSO B0 [1]	**Δ k**	0								
...RSO P□ [1]	**Δ k**	25	35		33				35	
	k_1	262	271	339	302		364		340	
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GPA□□-2A GCN ... RSO

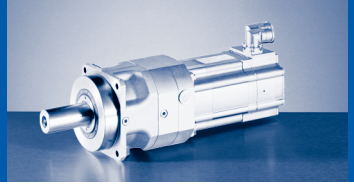
		17N N17 ...F10	17N N35 ...F10	19S N23 ...S00	19S N42 ...S00	19S N17 ...F10	19S N35 ...F10	21X N25 ...S00	21X N42 ...S00	21X N17 ...F10	21X N35 ...F10
GPA03...	o	142									
	k	729									
GPA04...	o			192							
	k			739		836					
GPA05...	o			212							
	k			829		926		898		994	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	429		401		498		470		566	
	g	165		192				214			
	g_1	118		161				172			

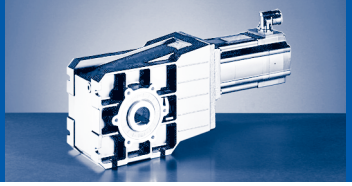
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GPA□□-2A GCN

	k_3	k_4	o_7
GPA01...	142	56	2
GPA02...	184	88	
GPA03...	237	112	3
GPA04...	261		
GPA05...	334	143	

	d	l	d_2	a_1	a_2	b_2	c_2	e_2	f_2	s_2
	k6					g6				4x90°
GPA01...	22	36	M8	80	100	70	7	85	18	6.6
GPA02...	32	58	M12	102	140	90	10	120	28	9
GPA03...	40	82	M16	142	188	130	12	165		11
GPA04...	55		M20	182	250	160	15	215	27	13
GPA05...	75	105		212	290	180	17	250	35	17

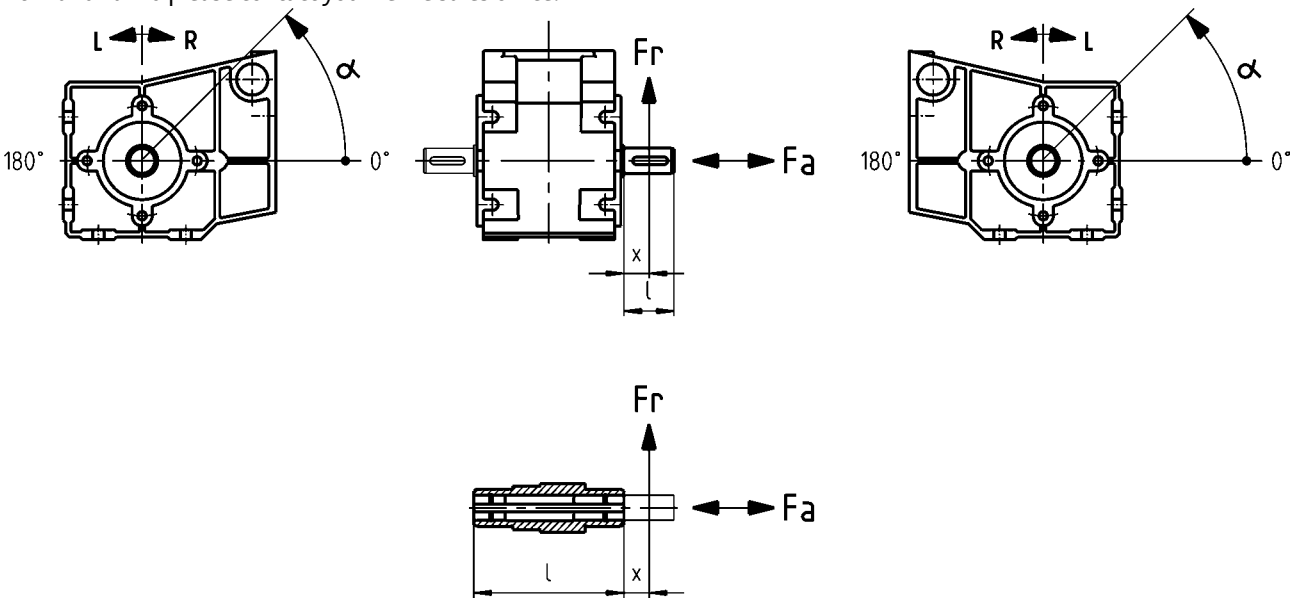




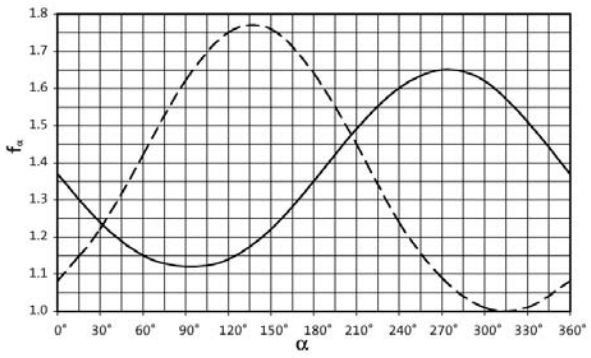
Permissible radial force
$Fr_{zul} = \min (f_w \times f_\alpha \times Fr_{Tab} ; f_w \times Fr_{max})$

Permissible axial force
$Fa_{zul} = Fa_{Tab}$ at Fr = 0

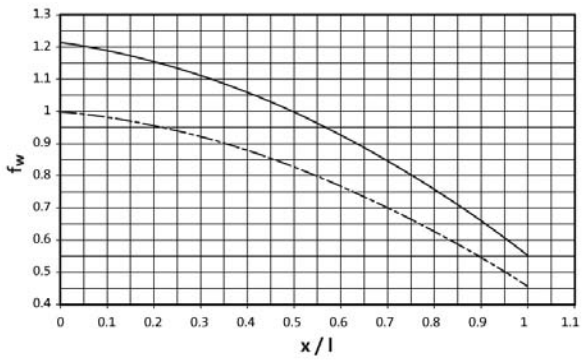
At Fr **and** Fa ≠ 0 please contact your Lenze sales office.



Effective direction factor f_α at output shaft



Additional load factor f_w at output shaft

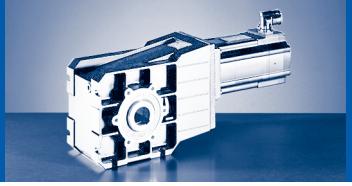


——— Direction of rotation R
— — — Direction of rotation L

——— Solid shaft (V□□)
— · — Hollow shaft (H□□)

	Solid shaft without flange (V□R) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0							
	GKR03-2		GKR04-2		GKR05-2		GKR06-2	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
1000	900	600	1000	700	1500	1100	2000	1500
630	1200	800	1800	1000	2350	1520	2800	2000
400	1800	1000	2100	1275	3000	1900	4000	2500
250	2100	1100	2500	1500	3600	2200	4200	2600
160	2400	1250	2700	1650	4500	2500	4500	2750
100	2800	1400	3000	1800	5000	3100	5600	3500
63	3000	1400	3000	1800	6000	3700	7300	4500
40	3000	1400	3000	1800	6500	3900	8600	5000
25	3000	1400	3000	1800	6500	3900	9000	5000
≤ 16	3000	1400	3000	1800	6500	3900	9000	5000
Fr_{max}	3000	-	3000	-	6500	-	9000	-

	Solid shaft with flange (V□K) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0							
	GKR03-2		GKR04-2		GKR05-2		GKR06-2	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
1000	900	600	1000	700	2400	1100	3000	1500
630	1200	800	1800	1000	3600	1500	4000	2000
400	1800	1000	2100	1275	5200	1900	5500	2500
250	2100	1100	2500	1500	6000	2200	6200	2600
160	2400	1250	2700	1650	6500	2500	7000	2750
100	2800	1400	3000	1800	6500	3100	9000	3500
63	3000	1400	3000	1800	6500	3700	9000	4500
40	3000	1400	3000	1800	6500	3900	9000	5000
25	3000	1400	3000	1800	6500	3900	9000	5000
≤ 16	3000	1400	3000	1800	6500	3900	9000	5000
Fr_{max}	3000	-	3000	-	6500	-	9000	-

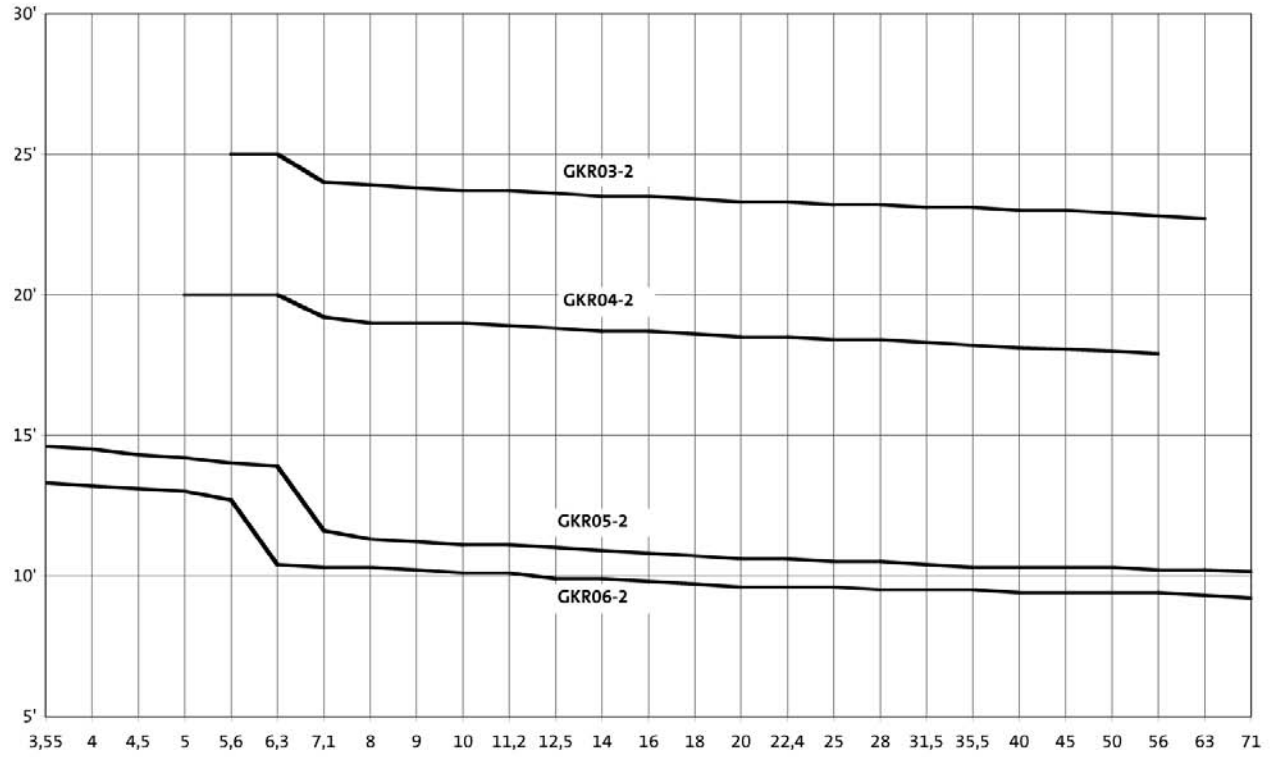


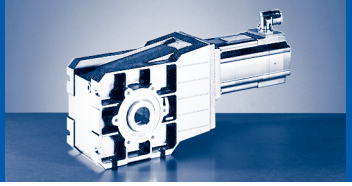
	Hollow shaft (H□□) Application of force Fr: on hollow shaft end face (x = 0) Fa_{Tab} only valid for Fr = 0							
	GKR03-2		GKR04-2		GKR05-2		GKR06-2	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
1000	900	600	1000	700	1500	1100	3000	1500
630	1200	800	2200	1000	2250	1500	3800	2000
400	2200	1000	2550	1275	3800	1900	5000	2500
250	2500	1100	3000	1500	4500	2200	5200	2600
160	2800	1250	3300	1650	5100	2500	5500	2750
100	3000	1400	3600	1800	6200	3100	7000	3500
63	3000	1400	3600	1800	7400	3700	9000	4500
40	3000	1400	3600	1800	7800	3900	10000	5000
25	3000	1400	3600	1800	7800	3900	10000	5000
≤ 16	3000	1400	3600	1800	7800	3900	10000	5000
Fr_{max}	3000	-	3600	-	7800	-	10000	-

► Neither radial nor axial forces are permissible for the hollow shaft with shrink disc (S□□).

Output backlash in angular minutes

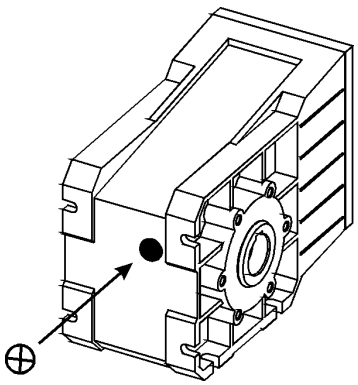
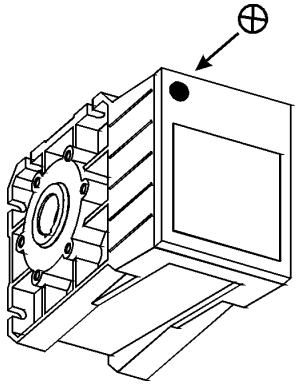
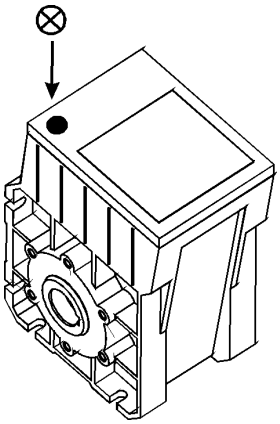
GKR03...06-2

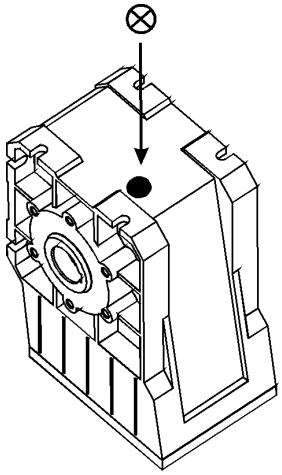
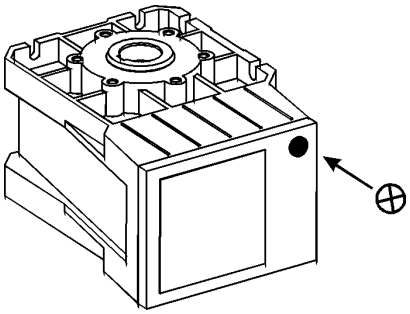
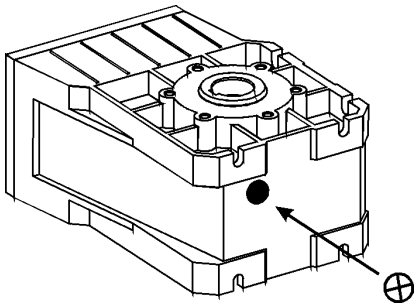




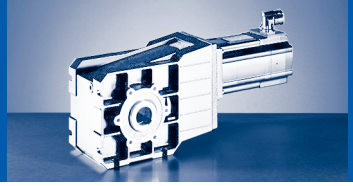
Position of ventilation

GKR06

Mounting position		
A	B	C
		

Mounting position		
D	E	F
		

⊗ Ventilation



GKR [kg]

GKR□□-2S HAR/HBR...RSO B0

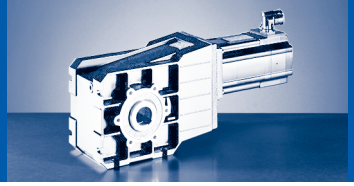
	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKR03...	5	6	7											
GKR04...	7	8		10	11	12	14							
GKR05...	10	11	12	13	14	15	17			20			23	
GKR06...	19	20		22	23	24	26	25		28			31	

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32
GKR06...	30		35		39		44	

GKR□□-2A HAR/HBR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00	17N C17 ...F10	17N C35 ...F10
GKR04...	11	16	17								
GKR05...	16	20	21	26		27					
GKR06...	24	28	29	34		36		42		44	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



Additional weights MCS servo motors

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
...P1	0.3			0.8				0.9						
...P2				0.5				1.2						
...SCS/SCM/SRM/SRS ...ECN/EQN	0.4			0.2				0.3						

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32
...P1	1.9							
...P2	3.1							
...SCS/SCM/SRM/SRS ...ECN/EQN	0.3							

Additional weights MCA servo motors

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00	17N C17 ...F10	17N C35 ...F10
...P1/P5								2.4			
...P2/P6	0.8	1.4		1.5							
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.3	0.5		0.6				0.7			

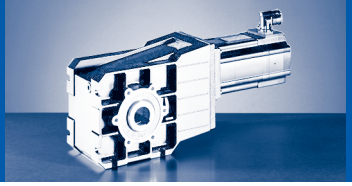
Additional weights gearbox

	Solid shaft	2nd output shaft end	Hollow shaft with shrink disc	Flange	Threaded hole circle torque plate	Casing foot torque plate
	V□□	V□□	S□□	□□K		
GKR03...	0.2	0.1	0.3	0.4	0.3	
GKR04...	0.3			0.5	0.4	
GKR05...	1	0.3	0.8	1	1.3	2
GKR06...	1.7	0.5	1		2.1	3.7

Weights in [kg]

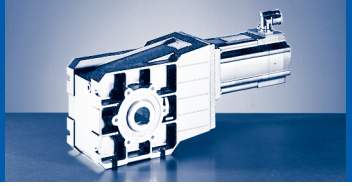
► $i_g = z_g / z_t$

	i	z_g	z_t
GKR03-2	5.411	1120	207
	6.222	1288	
	7.111	1600	225
	8.178	1840	
	9.101	1720	189
	10.466	1978	
	11.640	2200	
	13.386	2530	
	15.111	2040	135
	17.378	2346	
	19.365	2440	126
	22.270	2806	
	25.051	2480	99
	28.808	2852	
	32.593	2640	81
	37.481	3036	
	42.222	3800	90
	48.556	4370	
	53.889	3880	72
	61.972	4462	
GKR04-2	5.185	1400	270
	5.963	1610	
	7.111	1600	225
	8.178	1840	
	9.101	1720	189
	10.466	1978	
	11.449	2576	225
	12.698	2400	189
	14.603	2760	
	15.556	2520	162
	17.889	2898	
	19.556	2640	135
	22.489	3036	
	25.185	2720	108
	28.963	3128	
	31.919	3160	99
	36.707	3634	
	40.000	3240	81
	46.000	3726	
	52.698	3320	63
	60.603	3818	
GKR05-2	3.565	1925	540
	4.889	2200	450
	6.257	2365	378
	6.883	2065	300



► $i_g = z_g / z_t$

	i	z_g	z_t
GKR05-2	7.817	2345	300
	9.440	2360	250
	10.720	2680	
	12.081	2537	210
	13.216	3304	250
	13.719	2881	210
	15.008	3752	250
	16.857	3540	210
	19.143	4020	
	20.650	3717	180
	23.450	4221	
	26.878	4838	
	30.522	5494	
	33.433	4012	120
	37.967	4556	
	43.267	5192	
	49.133	5896	
	52.510	5251	100
	59.630	5963	
	67.113	5369	80
	76.213	6097	
GKR06-2	3.431	1750	510
	4.706	2000	425
	6.022	2150	357
	6.481	1750	270
	7.146	1715	240
	8.889	2000	225
	9.800	1960	200
	11.376	2150	189
	12.444	2800	225
	13.720	2744	200
	15.873	3000	189
	17.500	2940	168
	19.444	3150	162
	21.438	3087	144
	25.309	4100	162
	27.903	4018	144
	31.481	3400	108
	34.708	3332	96
	40.741	4400	108
	44.917	4312	96
	49.444	4450	90
	54.513	4361	80
	62.500	4500	72
	68.906	4410	64



$M_{2\,GN} \leq 45$ Nm

GKR03-2S				06CC41	06FC41	06IC41
				...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50
			n_1	4050	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2
			$I_{M\,400}$	1.3	1.5	1.6
			P_N	0.25	0.51	0.64
			J_M	0.17	0.25	0.33
5.411	39	0.31	M_2		6	8
			c		4.6	3.7
			$n_{2\,Eck}$		749	749
			$n_{2\,th}$		749	749
6.222	41	0.28	M_2		7	9
			c		4.1	3.3
			$n_{2\,Eck}$		651	651
			$n_{2\,th}$		651	651
7.111	43	0.20	M_2		8	10
			c		3.8	3.1
			$n_{2\,Eck}$		570	570
			$n_{2\,th}$		570	570
8.178	44	0.18	M_2		9	11
			c		3.4	2.7
			$n_{2\,Eck}$		495	495
			$n_{2\,th}$		495	495
9.101	45	0.13	M_2		10	13
			c		3.1	2.5
			$n_{2\,Eck}$		445	445
			$n_{2\,th}$		445	445
10.466	45	0.12	M_2	6	12	15
			c	5.4	2.7	2.2
			$n_{2\,Eck}$	387	387	387
			$n_{2\,th}$	387	387	387
11.640	45	0.09	M_2	6	13	16
			c	4.9	2.4	2.0
			$n_{2\,Eck}$	348	348	348
			$n_{2\,th}$	348	348	348
13.386	45	0.08	M_2	7	15	19
			c	4.2	2.1	1.7
			$n_{2\,Eck}$	303	303	303
			$n_{2\,th}$	303	303	303
15.111	45	0.06	M_2	8	17	21
			c	3.8	1.9	1.5
			$n_{2\,Eck}$	268	268	268
			$n_{2\,th}$	268	268	268
17.378	45	0.06	M_2	10	20	25
			c	3.3	1.6	1.3
			$n_{2\,Eck}$	233	233	233
			$n_{2\,th}$	233	233	233
19.365	45	0.04	M_2	11	22	28
			c	2.9	1.5	1.2
			$n_{2\,Eck}$	209	209	209
			$n_{2\,th}$	209	209	209
22.270	45	0.05	M_2	12	25	32
			c	2.6	1.3	1.0
			$n_{2\,Eck}$	182	182	182
			$n_{2\,th}$	182	182	182
25.051	45	0.03	M_2	14	28	36
			c	2.6	1.3	1.0
			$n_{2\,Eck}$	162	162	162
			$n_{2\,th}$	162	162	162

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

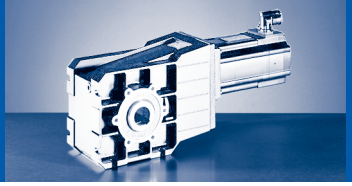
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 45$ Nm

GKR03-2S				06CC41	06FC41	06IC41
				...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50
			n_1	4050	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2
			$I_{M\,400}$	1.3	1.5	1.6
			P_N	0.25	0.51	0.64
			J_M	0.17	0.25	0.33
28.808	45	0.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	16 2.2 141 141	33 1.1 141 141	
32.593	45	0.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	18 2.0 124 124		
37.481	45	0.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	21 1.7 108 108		

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 90$ Nm

GKR04-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
5.185	69	0.81	M_2				11	15	18	22
			c				4.4	3.3	2.6	2.2
			$n_{2\,Eck}$				781	723	781	781
			$n_{2\,th}$				679	645	617	596
5.963	72	0.72	M_2				13	17	21	25
			c				4.0	3.0	2.4	2.0
			$n_{2\,Eck}$				679	629	679	679
			$n_{2\,th}$				581	551	527	509
7.111	78	0.45	M_2			10	15	21	25	30
			c			5.5	3.6	2.7	2.2	1.8
			$n_{2\,Eck}$			570	570	527	570	570
			$n_{2\,th}$			569	530	506	485	459
8.178	81	0.41	M_2			11	17	24	29	35
			c			5.0	3.3	2.5	2.0	1.7
			$n_{2\,Eck}$			495	495	459	495	495
			$n_{2\,th}$			487	454	432	415	382
9.101	84	3.27	M_2		10	12	19	26	33	39
			c		5.8	4.7	3.1	2.3	1.9	1.6
			$n_{2\,Eck}$		445	445	445	412	445	445
			$n_{2\,th}$		445	445	445	412	425	389
10.466	89	0.30	M_2		11	14	22	30	38	45
			c		5.3	4.3	2.8	2.1	1.7	1.4
			$n_{2\,Eck}$		387	387	387	358	387	387
			$n_{2\,th}$		387	387	387	358	352	324
11.449	90	0.26	M_2		13	16	25	33	41	49
			c		5.0	4.0	2.6	2.0	1.6	1.3
			$n_{2\,Eck}$		354	354	354	328	354	354
			$n_{2\,th}$		354	354	354	328	324	300
12.698	90	1.99	M_2		14	18	27	37	46	54
			c		4.5	3.6	2.3	1.8	1.4	1.2
			$n_{2\,Eck}$		319	319	319	295	319	319
			$n_{2\,th}$		319	319	319	295	318	299
14.603	90	0.18	M_2		16	20	32	43	53	62
			c		3.9	3.1	2.0	1.5	1.2	1.0
			$n_{2\,Eck}$		277	277	277	257	277	277
			$n_{2\,th}$		277	277	277	257	263	248
15.556	90	1.47	M_2		17	22	34	46	56	
			c		3.7	2.9	1.9	1.5	1.2	
			$n_{2\,Eck}$		260	260	260	241	260	
			$n_{2\,th}$		260	260	260	241	260	
17.889	90	0.14	M_2		20	25	39	53	65	
			c		3.2	2.5	1.7	1.3	1.0	
			$n_{2\,Eck}$		226	226	226	210	226	
			$n_{2\,th}$		226	226	226	210	226	
19.556	90	0.10	M_2	11	22	27				
			c	5.8	2.9	2.3				
			$n_{2\,Eck}$	207	207	207				
			$n_{2\,th}$	207	207	207				
22.489	90	0.09	M_2	12	25	32				
			c	5.0	2.5	2.0				
			$n_{2\,Eck}$	180	180	180				
			$n_{2\,th}$	180	180	180				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

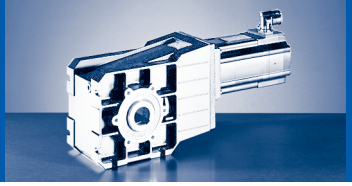
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 90$ Nm

GKR04-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
25.185	90	0.07	M_2	14	28	35				
			c	5.1	2.6	2.1				
			$n_{2\,Eck}$	161	161	161				
			$n_{2\,th}$	161	161	161				
28.963	90	0.06	M_2	16	33	41				
			c	4.5	2.2	1.8				
			$n_{2\,Eck}$	140	140	140				
			$n_{2\,th}$	140	140	140				

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

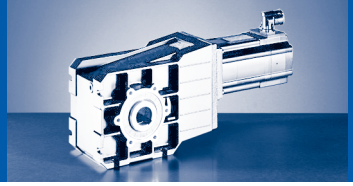


$M_{2\,GN} \leq 240$ Nm

GKR05-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72
3.565	116	4.95	M_2						15						
			c						5.4						
			$n_{2\,Eck}$						1136						
			$n_{2\,th}$						860						
3.565	138	4.95	M_2									33	26		45
			c									4.1	4.0		2.8
			$n_{2\,Eck}$									421	842		547
			$n_{2\,th}$									421	812		547
4.889	139	2.79	M_2					17	20						
			c					5.7	4.8						
			$n_{2\,Eck}$					828	828						
			$n_{2\,th}$					739	717						
4.889	147	2.79	M_2							24	19	45	36		62
			c							5.3	5.3	3.2	3.1		2.1
			$n_{2\,Eck}$							399	828	307	614		399
			$n_{2\,th}$							399	730	307	614		399
6.257	150	1.79	M_2				17	22	26						
			c				6.0	4.8	4.0						
			$n_{2\,Eck}$				599	647	647						
			$n_{2\,th}$				599	609	592						
6.257	156	1.79	M_2							32	25	58	47		80
			c							4.4	4.4	2.6	2.6		1.8
			$n_{2\,Eck}$							312	647	240	480		312
			$n_{2\,th}$							312	601	240	479		312
6.883	179	2.57	M_2					24	28	35	27	64	51		87
			c					5.2	4.4	4.6	4.6	2.7	2.7		1.9
			$n_{2\,Eck}$					588	588	283	588	218	436		283
			$n_{2\,th}$					441	427	283	431	218	388		283
7.817	187	2.32	M_2				22	27	32	39	31	73	58		100
			c				6.0	4.8	4.0	4.2	4.2	2.5	2.5		1.7
			$n_{2\,Eck}$				480	518	518	250	518	192	384		250
			$n_{2\,th}$				399	382	370	249	373	192	335		249
9.440	191	1.53	M_2				27	33	39	48	38	89	71	66	121
			c				5.1	4.0	3.4	3.5	3.6	2.1	2.1	2.1	1.4
			$n_{2\,Eck}$				397	429	429	207	429	159	318	373	207
			$n_{2\,th}$				375	359	348	207	351	159	316	316	207
10.720	204	1.40	M_2				30	38	45	55	43	101	81	76	137
			c				4.8	3.8	3.2	3.3	3.3	2.0	2.0	2.0	1.4
			$n_{2\,Eck}$				350	378	378	182	378	140	280	329	182
			$n_{2\,th}$				326	313	303	182	305	140	275	275	182
12.081	208	1.02	M_2			25	34	42	51	62	48	114	91		155
			c			5.7	4.3	3.4	2.9	3.0	3.0	1.8	1.8		1.2
			$n_{2\,Eck}$			335	310	335	335	161	335	124	248		161
			$n_{2\,th}$			325	310	298	289	161	292	124	248		161
13.216	214	0.87	M_2			28	38	47	55	68	53	125	100		169
			c			5.3	4.1	3.2	2.7	2.8	2.9	1.7	1.7		1.2
			$n_{2\,Eck}$			307	284	307	307	148	307	114	227		148
			$n_{2\,th}$			304	284	280	271	148	274	114	227		148
13.719	217	0.94	M_2			29	39	48	58	70	55	129	104		176
			c			5.2	4.0	3.1	2.7	2.8	2.8	1.7	1.7		1.1
			$n_{2\,Eck}$			295	273	295	295	142	295	109	219		142
			$n_{2\,th}$			282	269	259	251	142	253	109	216		142

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

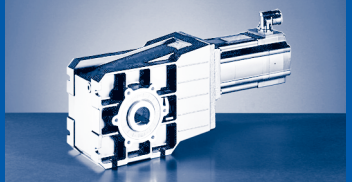


$M_{2\,GN} \leq 240$ Nm

GKR05-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72
15.008	223	0.81	M_2			31	43	53	63	77	60	142	113		192
			c			4.9	3.7	3.0	2.5	2.6	2.6	1.6	1.6		1.1
			$n_{2\,Eck}$			270	250	270	270	130	270	100	200		130
			$n_{2\,th}$			264	250	243	235	130	237	100	200		130
16.857	240	0.60	M_2			35	48	60	71	87	68	159	127		216
			c			4.7	3.6	2.8	2.4	2.5	2.5	1.5	1.5		1.0
			$n_{2\,Eck}$			240	223	240	240	116	240	89	178		116
			$n_{2\,th}$			240	222	240	240	116	240	89	178		116
19.143	240	0.55	M_2			40	55	68	81	99	77	181	145		
			c			4.1	3.1	2.5	2.1	2.2	2.2	1.3	1.3		
			$n_{2\,Eck}$			212	196	212	212	102	212	78	157		
			$n_{2\,th}$			212	196	212	212	102	212	78	157		
20.650	231	0.44	M_2		28										
			c		5.7										
			$n_{2\,Eck}$		196										
			$n_{2\,th}$		196										
20.650	240	0.44	M_2			44	60	74	87	107	83	196	157	147	
			c			3.8	2.9	2.3	2.0	2.0	2.0	1.2	1.2	1.2	
			$n_{2\,Eck}$			196	182	196	196	94	196	73	145	171	
			$n_{2\,th}$			196	182	196	196	94	196	73	145	171	
23.450	240	0.41	M_2		32	50	68	84	99	122	95	223	178	167	
			c		5.2	3.4	2.6	2.0	1.7	1.8	1.8	1.1	1.1	1.1	
			$n_{2\,Eck}$		173	173	160	173	173	83	173	64	128	150	
			$n_{2\,th}$		173	173	160	173	173	83	173	64	128	147	
26.878	240	0.27	M_2		37	57	78	96	114						
			c		5.1	3.3	2.5	2.0	1.7						
			$n_{2\,Eck}$		151	151	140	151	151						
			$n_{2\,th}$		151	151	140	151	151						
30.522	240	0.25	M_2	33	42	65	89	109	130						
			c	5.6	4.5	2.9	2.2	1.8	1.5						
			$n_{2\,Eck}$	133	133	133	123	133	133						
			$n_{2\,th}$	133	133	133	123	133	133						
33.433	240	0.19	M_2	36	46	72	97	120	142						
			c	5.1	4.1	2.7	2.0	1.6	1.4						
			$n_{2\,Eck}$	121	121	121	112	121	121						
			$n_{2\,th}$	121	121	121	112	121	121						
37.967	240	0.18	M_2	42	53	82	111	136	162						
			c	4.5	3.6	2.4	1.8	1.4	1.2						
			$n_{2\,Eck}$	107	107	107	99	107	107						
			$n_{2\,th}$	107	107	107	99	107	107						
43.267	240	0.12	M_2	48	60										
			c	4.4	3.5										
			$n_{2\,Eck}$	94	94										
			$n_{2\,th}$	94	94										
49.133	240	0.11	M_2	54	68										
			c	3.9	3.1										
			$n_{2\,Eck}$	82	82										
			$n_{2\,th}$	82	82										
52.510	240	0.09	M_2	58	73										
			c	3.6	2.9										
			$n_{2\,Eck}$	77	77										
			$n_{2\,th}$	77	77										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 240$ Nm

GKR05-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72
59.630	240	0.08	M_2	66	84										
			c	3.2	2.6										
			$n_{2\,Eck}$	68	68										
			$n_{2\,th}$	68	68										

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

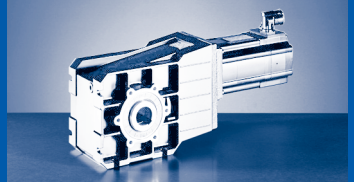
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 450$ Nm

GKR06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
3.431	188	9.58	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									31 5.8 437 437	25 5.7 874 765
3.431	200	9.58	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
4.706	215	5.61	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									43 4.8 319 319	34 4.8 638 623
4.706	250	5.61	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
6.022	179	3.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					21 5.9 673 586	25 5.0 673 568				
6.022	231	3.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									55 4.0 249 249	44 4.0 498 498
6.022	280	3.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
6.481	350	5.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									59 5.7 231 231	47 5.6 463 404
7.146	348	4.54	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									65 5.1 210 210	52 5.1 420 359
8.889	405	3.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									81 4.8 169 169	65 4.8 338 330
8.889	408	3.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
9.800	384	2.93	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									90 4.1 153 153	72 4.1 306 291
11.376	337	2.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					39 5.9 356 310	47 5.0 356 301				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 450$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKR06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
23 5.8 1027 766	43 3.9 568 568	35 3.8 1180 702									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.58	188	3.431
					51 3.8 437 437	44 3.4 940 687	74 2.7 437 437	55 2.8 940 657	97 2.1 393 393	68 2.3 940 627	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.58	200	3.431
32 4.8 749 625	59 3.3 414 414	48 3.1 861 573									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.61	215	4.706
				32 5.6 765 642	70 3.5 319 319	61 3.1 685 571	101 2.4 319 319	76 2.5 685 546	133 1.9 287 287	93 2.1 685 522	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.61	250	4.706
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.66	179	6.022
42 4.1 585 546	76 2.7 324 324	62 2.6 673 501									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.66	231	6.022
			50 5.3 249 249	41 4.9 598 566	90 3.1 249 249	79 2.7 536 504	130 2.1 249 249	97 2.2 536 482	171 1.6 224 224	119 1.8 536 446	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.66	280	6.022
44 5.7 544 405	81 3.9 301 301	66 3.7 625 371		44 5.7 555 404	96 3.6 231 231	84 3.2 498 358	139 2.5 231 231	104 2.6 498 342	183 1.9 208 208	128 2.1 498 326	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.11	350	6.481
49 5.1 493 360	89 3.5 273 273	73 3.4 567 329	59 5.6 210 210	49 5.1 504 359	106 3.2 210 210	93 2.8 451 317	154 2.2 210 210	115 2.3 451 303	202 1.7 189 189	141 1.9 451 284	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.54	348	7.146
61 4.8 397 331	111 3.3 219 219	91 3.1 456 303									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.23	405	8.889
			74 5.3 169 169	61 4.8 405 331	132 3.0 169 169	116 2.7 363 293	192 2.1 169 169	143 2.2 363 280	252 1.6 152 152	176 1.8 363 258	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.23	408	8.889
68 4.1 360 291	123 2.8 199 199	101 2.7 413 266	83 4.5 153 153	68 4.1 367 291	146 2.6 153 153	129 2.3 329 257	212 1.8 153 153	159 1.9 329 240	278 1.4 138 138	194 1.5 329 214	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.93	384	9.800
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.21	337	11.376

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

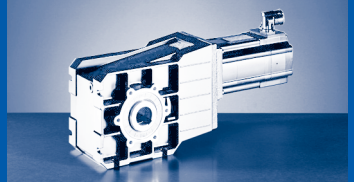
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 450$ Nm

GKR06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
11.376	436	2.21	M_2									105	84
			c									4.0	4.0
			$n_{2\,Eck}$									132	264
			$n_{2\,th}$									132	264
12.444	353	1.89	M_2					43	51				
			c					5.6	4.8				
			$n_{2\,Eck}$					326	326				
			$n_{2\,th}$					290	282				
12.444	450	1.89	M_2									115	92
			c									3.8	3.8
			$n_{2\,Eck}$									121	241
			$n_{2\,th}$									121	241
13.720	389	1.73	M_2					47	56				
			c					5.6	4.8				
			$n_{2\,Eck}$					295	295				
			$n_{2\,th}$					263	255				
13.720	426	1.73	M_2							68	53	127	102
			c							5.5	5.5	3.3	3.2
			$n_{2\,Eck}$							142	295	109	219
			$n_{2\,th}$							142	262	109	219
15.873	379	1.32	M_2				44	55	66				
			c				6.0	4.8	4.0				
			$n_{2\,Eck}$				236	255	255				
			$n_{2\,th}$				236	242	236				
15.873	450	1.32	M_2							79	62	148	118
			c							5.0	5.0	3.0	3.0
			$n_{2\,Eck}$							123	255	95	189
			$n_{2\,th}$							123	244	95	189
17.500	418	1.23	M_2				49	61	72				
			c				6.0	4.8	4.0				
			$n_{2\,Eck}$				214	231	231				
			$n_{2\,th}$				214	220	214				
17.500	450	1.23	M_2							88	69	163	131
			c							4.5	4.5	2.7	2.7
			$n_{2\,Eck}$							111	231	86	171
			$n_{2\,th}$							111	218	86	171
19.444	398	0.99	M_2				55	68	81				
			c				5.1	4.1	3.4				
			$n_{2\,Eck}$				193	208	208				
			$n_{2\,th}$				193	208	208				
19.444	450	0.99	M_2							98	77	182	146
			c							4.1	4.1	2.4	2.4
			$n_{2\,Eck}$							100	208	77	154
			$n_{2\,th}$							100	208	77	154
21.438	439	0.93	M_2				60	75	89				
			c				5.1	4.1	3.4				
			$n_{2\,Eck}$				175	189	189				
			$n_{2\,th}$				175	189	189				
21.438	450	0.93	M_2							109	85	201	161
			c							3.7	3.7	2.2	2.2
			$n_{2\,Eck}$							91	189	70	140
			$n_{2\,th}$							91	189	70	140

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 450$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKR06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
78	143	117	96	78	170	149	247	184	323	226	M_2			
4.0	2.7	2.6	4.4	4.0	2.5	2.2	1.8	1.8	1.3	1.5	c			
310	171	356	132	317	132	284	132	284	119	284	$n_{2\,Eck}$	2.21	436	11.376
289	171	265	132	289	132	256	132	237	119	211	$n_{2\,th}$			
											M_2			
											c			
											$n_{2\,Eck}$	1.89	353	12.444
											$n_{2\,th}$			
86	157	128	105	86	186	164	270	202	354	247	M_2			
3.8	2.6	2.5	4.1	3.8	2.4	2.1	1.7	1.7	1.3	1.4	c			
283	157	326	121	289	121	259	121	259	109	259	$n_{2\,Eck}$	1.89	450	12.444
270	157	248	121	270	121	240	121	218	108	196	$n_{2\,th}$			
											M_2			
											c			
											$n_{2\,Eck}$	1.73	389	13.720
											$n_{2\,th}$			
95	174	142	117	95	206	181	298	223	391	273	M_2			
3.3	2.2	2.1	3.6	3.3	2.0	1.8	1.4	1.5	1.1	1.2	c			
257	142	295	109	262	109	235	109	235	98	235	$n_{2\,Eck}$	1.73	426	13.720
238	142	218	109	238	109	204	109	182	98	165	$n_{2\,th}$			
											M_2			
											c			
											$n_{2\,Eck}$	1.32	379	15.873
											$n_{2\,th}$			
111	201	164	135	111	239	210	346	258		316	M_2			
3.0	2.0	2.0	3.2	3.0	1.9	1.7	1.3	1.3		1.1	c			
222	123	255	95	227	95	203	95	203		203	$n_{2\,Eck}$	1.32	450	15.873
222	123	206	95	223	95	189	95	172		158	$n_{2\,th}$			
											M_2			
											c			
											$n_{2\,Eck}$	1.23	418	17.500
											$n_{2\,th}$			
122	222	181	150	122	264	232	382	285			M_2			
2.7	1.8	1.8	2.9	2.7	1.7	1.5	1.2	1.2			c			
201	111	231	86	206	86	184	86	184			$n_{2\,Eck}$	1.23	450	17.500
199	111	177	86	199	86	164	86	150			$n_{2\,th}$			
											M_2			
											c			
											$n_{2\,Eck}$	0.99	398	19.444
											$n_{2\,th}$			
136	248	202	167	136	294	258	425	317			M_2			
2.4	1.7	1.6	2.7	2.4	1.5	1.4	1.1	1.1			c			
181	100	208	77	185	77	166	77	166			$n_{2\,Eck}$	0.99	450	19.444
181	100	177	77	185	77	163	77	149			$n_{2\,th}$			
											M_2			
											c			
											$n_{2\,Eck}$	0.93	439	21.438
											$n_{2\,th}$			
151	274	223	185	151	325	284					M_2			
2.2	1.5	1.4	2.4	2.2	1.4	1.2					c			
164	91	189	70	168	70	150					$n_{2\,Eck}$	0.93	450	21.438
164	91	153	70	167	70	141					$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

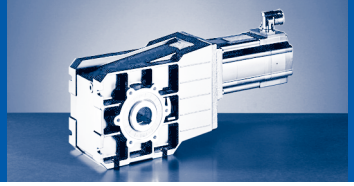
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 450$ Nm

GKR06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
25.309	416	0.63	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				72 4.7 148 148	89 3.7 160 160	106 3.1 160 160				
25.309	450	0.63	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							129 3.4 77 77	101 3.6 160 160	238 1.9 59 59	190 2.1 119 119
27.903	450	0.59	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				79 4.6 134 134	98 3.7 145 145	117 3.1 145 145	143 3.1 70 70	111 3.2 145 145	263 1.7 54 54	210 1.9 108 108
31.481	291	0.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		43 5.3 129 129								
31.481	431	0.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			66 5.1 129 129	90 3.9 119 119	111 3.1 129 129	132 2.6 129 129				
31.481	450	0.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							161 2.7 62 62	126 2.9 129 129	297 1.5 48 48	238 1.7 95 95
34.708	321	0.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		47 5.3 117 117								
34.708	450	0.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			73 4.8 117 117	99 3.7 108 108	123 2.9 117 117	146 2.5 117 117	179 2.5 56 56	139 2.6 117 117	328 1.4 43 43	262 1.5 86 86
40.741	302	0.28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	44 5.9 99 99	56 4.7 99 99								
40.741	447	0.28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			86 4.5 99 99	117 3.5 92 92	144 2.8 99 99	172 2.3 99 99				
44.917	333	0.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	49 5.9 90 90	62 4.7 90 90								
44.917	450	0.27	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			95 4.2 90 90	129 3.2 84 83	160 2.5 90 90	190 2.1 90 90				
49.444	306	0.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	54 4.9 82 82	68 3.9 82 82								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\ GN} \leq 450$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKR06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\ GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\ 230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\ 400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.63	416	25.309
178 2.1 139 139	323 1.4 77 77	263 1.4 160 150									M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.63	450	25.309
197 1.9 126 126	357 1.3 70 70	291 1.3 145 130									M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.59	450	27.903
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.46	291	31.481
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.46	431	31.481
223 1.7 112 112	403 1.1 62 62	329 1.1 129 129									M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.46	450	31.481
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.43	321	34.708
246 1.6 102 102	445 1.0 56 56	363 1.0 117 114									M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.43	450	34.708
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.28	302	40.741
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.28	447	40.741
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.27	333	44.917
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.27	450	44.917
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.21	306	49.444

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

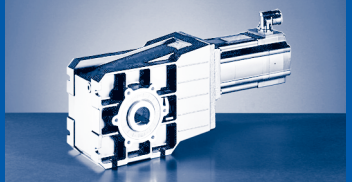
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 450$ Nm

GKR06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
49.444	450	0.21	M_2			105	143	176	209				
			c			3.8	2.9	2.3	1.9				
			$n_{2\,Eck}$			82	76	82	82				
			$n_{2\,th}$			82	76	82	82				
54.513	337	0.20	M_2	60	75								
			c	4.9	3.9								
			$n_{2\,Eck}$	74	74								
			$n_{2\,th}$	74	74								
54.513	450	0.20	M_2			116	158	195	231				
			c			3.4	2.6	2.1	1.8				
			$n_{2\,Eck}$			74	69	74	74				
			$n_{2\,th}$			74	69	74	74				
62.500	302	0.13	M_2	69	87								
			c	3.8	3.1								
			$n_{2\,Eck}$	65	65								
			$n_{2\,th}$	65	65								
68.906	333	0.13	M_2	76	96								
			c	3.8	3.1								
			$n_{2\,Eck}$	59	59								
			$n_{2\,th}$	59	59								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\ GN} \leq 450$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKR06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\ GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\ 230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\ 400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.21	450	49.444
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.20	337	54.513
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.20	450	54.513
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.13	302	62.500
											M_2 c $n_{2\ Eck}$ $n_{2\ th}$	0.13	333	68.906

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

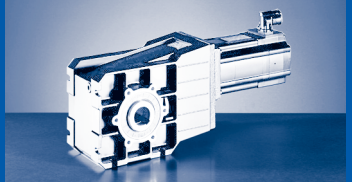
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 90$ Nm

GKR04-2A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
5.185	69	0.81	M_2	9	31	19
			c	5.1	1.7	2.5
			$n_{2\,Eck}$	762	658	781
			$n_{2\,th}$	697	533	611
5.963	72	0.72	M_2	11	35	22
			c	4.6	1.5	2.3
			$n_{2\,Eck}$	662	572	679
			$n_{2\,th}$	597	441	521
7.111	78	0.45	M_2	13	42	27
			c	4.2	1.4	2.1
			$n_{2\,Eck}$	556	480	570
			$n_{2\,th}$	543	404	480
8.178	81	0.41	M_2	15	49	31
			c	3.8	1.3	1.9
			$n_{2\,Eck}$	483	417	495
			$n_{2\,th}$	465	337	404
9.101	84	3.27	M_2	17	54	34
			c	3.5	1.2	1.8
			$n_{2\,Eck}$	434	375	445
			$n_{2\,th}$	434	342	414
10.466	89	0.30	M_2	19	63	40
			c	3.2	1.1	1.6
			$n_{2\,Eck}$	377	326	387
			$n_{2\,th}$	377	286	343
11.449	90	0.26	M_2	21		43
			c	3.0		1.5
			$n_{2\,Eck}$	345		354
			$n_{2\,th}$	345		316
12.698	90	1.99	M_2	24		48
			c	2.7		1.3
			$n_{2\,Eck}$	311		319
			$n_{2\,th}$	311		312
14.603	90	0.18	M_2	27		55
			c	2.4		1.2
			$n_{2\,Eck}$	271		277
			$n_{2\,th}$	270		258
15.556	90	1.47	M_2	29		59
			c	2.2		1.1
			$n_{2\,Eck}$	254		260
			$n_{2\,th}$	254		260
17.889	90	0.14	M_2	34		
			c	1.9		
			$n_{2\,Eck}$	221		
			$n_{2\,th}$	221		
19.556	90	0.10	M_2	37		
			c	1.8		
			$n_{2\,Eck}$	202		
			$n_{2\,th}$	202		
22.489	90	0.09	M_2	42		
			c	1.5		
			$n_{2\,Eck}$	176		
			$n_{2\,th}$	176		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 90$ Nm

GKR04-2A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
25.185	90	0.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	48 1.6 157 157		
28.963	90	0.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	55 1.4 136 136		

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

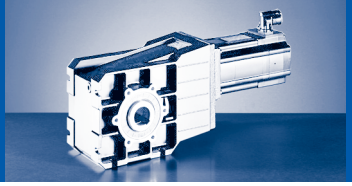
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 240$ Nm

GKR05-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
3.565	138	4.95	M_2		20		40	22	36	17
			c		4.9		3.3	5.5	2.9	5.4
			$n_{2\,Eck}$		957		459	561	969	1150
			$n_{2\,th}$		843		459	561	757	858
4.889	147	2.79	M_2		28	18	55	30	50	24
			c		3.8	5.7	2.6	4.3	2.2	4.2
			$n_{2\,Eck}$		698	828	334	409	707	839
			$n_{2\,th}$		687	739	334	409	616	699
6.257	156	1.79	M_2		37	23	70	39	64	31
			c		3.2	4.7	2.1	3.6	1.8	3.5
			$n_{2\,Eck}$		545	647	261	320	552	655
			$n_{2\,th}$		545	608	261	320	501	574
6.883	179	2.57	M_2		40	25	77	43	70	34
			c		3.3	4.9	2.2	3.7	1.9	3.6
			$n_{2\,Eck}$		495	588	238	291	502	596
			$n_{2\,th}$		404	437	238	291	356	412
7.817	187	2.32	M_2		46	29	88	48	80	39
			c		3.0	4.5	2.0	3.4	1.8	3.3
			$n_{2\,Eck}$		436	518	209	256	442	525
			$n_{2\,th}$		350	379	209	256	299	356
9.440	191	1.53	M_2		56	35	107	59	96	48
			c		2.6	3.8	1.7	2.9	1.5	2.8
			$n_{2\,Eck}$		361	429	173	212	366	434
			$n_{2\,th}$		329	356	173	212	266	335
10.720	204	1.40	M_2		63	40	121	67	110	54
			c		2.4	3.6	1.6	2.7	1.4	2.7
			$n_{2\,Eck}$		318	378	153	187	322	383
			$n_{2\,th}$		286	310	153	187	227	292
12.081	208	1.02	M_2		71	45	137	76	124	61
			c		2.2	3.3	1.5	2.5	1.3	2.4
			$n_{2\,Eck}$		282	335	135	166	286	339
			$n_{2\,th}$		274	295	135	166	218	279
13.216	214	0.87	M_2		78	49	150	83	135	67
			c		2.1	3.1	1.4	2.3	1.2	2.3
			$n_{2\,Eck}$		258	307	124	151	261	310
			$n_{2\,th}$		258	277	124	151	204	262
13.719	217	0.94	M_2		81	51	156	86	141	69
			c		2.0	3.0	1.4	2.3	1.2	2.2
			$n_{2\,Eck}$		249	295	119	146	252	299
			$n_{2\,th}$		238	256	119	146	185	242
15.008	223	0.81	M_2	27	89	56	171	94	154	76
			c	5.7	1.9	2.8	1.3	2.1	1.1	2.1
			$n_{2\,Eck}$	263	227	270	109	133	230	273
			$n_{2\,th}$	263	221	240	109	133	174	227
16.857	240	0.60	M_2	31	100	63	192	106	173	86
			c	5.4	1.8	2.7	1.2	2.0	1.1	2.0
			$n_{2\,Eck}$	234	202	240	97	119	205	243
			$n_{2\,th}$	234	202	240	97	119	178	213
19.143	240	0.55	M_2	35	114	72	218	121		97
			c	4.8	1.6	2.4	1.1	1.8		1.8
			$n_{2\,Eck}$	206	178	212	85	105		214
			$n_{2\,th}$	206	178	212	85	104		188

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 240$ Nm

GKR05-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
20.650	240	0.44	M_2	38	123	77		131		105
			c	4.4	1.5	2.2		1.7		1.6
			$n_{2\,Eck}$	191	165	196		97		199
			$n_{2\,th}$	191	165	196		97		174
23.450	240	0.41	M_2	43	140	88		149		120
			c	3.9	1.3	1.9		1.5		1.4
			$n_{2\,Eck}$	168	145	173		85		175
			$n_{2\,th}$	168	145	173		85		153
26.878	240	0.27	M_2	50	160	101				
			c	3.9	1.3	1.9				
			$n_{2\,Eck}$	147	127	151				
			$n_{2\,th}$	147	127	151				
30.522	240	0.25	M_2	57	182	115				
			c	3.4	1.1	1.7				
			$n_{2\,Eck}$	129	112	133				
			$n_{2\,th}$	129	112	133				
33.433	240	0.19	M_2	62	200	126				
			c	3.1	1.0	1.5				
			$n_{2\,Eck}$	118	102	121				
			$n_{2\,th}$	118	102	121				
37.967	240	0.18	M_2	71		144				
			c	2.7		1.4				
			$n_{2\,Eck}$	104		107				
			$n_{2\,th}$	104		107				
43.267	240	0.12	M_2	81						
			c	2.7						
			$n_{2\,Eck}$	91						
			$n_{2\,th}$	91						
49.133	240	0.11	M_2	92						
			c	2.4						
			$n_{2\,Eck}$	80						
			$n_{2\,th}$	80						
52.510	240	0.09	M_2	99						
			c	2.2						
			$n_{2\,Eck}$	75						
			$n_{2\,th}$	75						
59.630	240	0.08	M_2	112						
			c	1.9						
			$n_{2\,Eck}$	66						
			$n_{2\,th}$	66						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

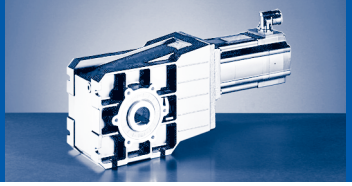
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 450$ Nm

GKR06-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
3.431	200	9.58	M_2				37		34		69	34	61	30
			c				5.0		4.3		2.8	4.9	2.4	4.6
			$n_{2\,Eck}$				477		1007		490	670	1014	1198
			$n_{2\,th}$				476		722		490	670	638	733
4.706	250	5.61	M_2				52		47		95	47	84	41
			c				4.5		3.9		2.5	4.5	2.2	4.2
			$n_{2\,Eck}$				347		734		357	489	740	873
			$n_{2\,th}$				347		600		357	489	531	608
6.022	241	3.66	M_2		34									
			c		5.1									
			$n_{2\,Eck}$		566									
			$n_{2\,th}$		566									
6.022	280	3.66	M_2				67		60		121	60	108	53
			c				4.0		3.4		2.2	3.9	2.0	3.7
			$n_{2\,Eck}$				272		574		279	382	578	683
			$n_{2\,th}$				271		529		279	382	467	517
6.481	350	5.11	M_2				71		64		130	64	115	56
			c				4.6		4.0		2.6	4.6	2.3	4.3
			$n_{2\,Eck}$				252		533		259	355	537	634
			$n_{2\,th}$				252		376		259	355	332	382
7.146	348	4.54	M_2				79		71		144	71	128	63
			c				4.2		3.6		2.3	4.1	2.0	3.9
			$n_{2\,Eck}$				229		484		235	322	487	575
			$n_{2\,th}$				229		334		235	322	294	339
8.889	408	3.23	M_2				98		89		179	88	159	78
			c				3.9		3.4		2.2	3.9	1.9	3.6
			$n_{2\,Eck}$				184		389		189	259	392	462
			$n_{2\,th}$				184		308		189	259	270	313
9.800	384	2.93	M_2				109	59	99	48	198	98	176	86
			c				3.3	5.6	2.9	5.5	1.9	3.3	1.6	3.1
			$n_{2\,Eck}$				167	204	353	418	171	235	355	419
			$n_{2\,th}$				167	204	270	307	171	235	223	274
11.376	436	2.21	M_2		65		127	69	114	56	230	114	204	100
			c		4.9		3.3	5.5	2.8	5.3	1.8	3.2	1.6	3.0
			$n_{2\,Eck}$		300		144	176	304	360	148	202	306	361
			$n_{2\,th}$		300		144	176	269	305	148	202	220	273
12.444	450	1.89	M_2		72		139	76	125	61	252	125	223	110
			c		4.6		3.1	5.2	2.7	5.0	1.7	3.1	1.5	2.9
			$n_{2\,Eck}$		274		131	161	278	330	135	185	280	330
			$n_{2\,th}$		274		131	161	252	284	135	185	204	250
13.720	426	1.73	M_2		80	49	154	84	139	68	279	138	247	122
			c		4.0	5.9	2.7	4.4	2.3	4.3	1.5	2.6	1.3	2.5
			$n_{2\,Eck}$		249	295	119	146	252	299	123	168	254	300
			$n_{2\,th}$		247	265	119	146	221	251	122	168	171	225
15.873	450	1.32	M_2		92	58	178	98	161	79	323	160	286	141
			c		3.6	5.4	2.4	4.1	2.1	4.0	1.3	2.4	1.2	2.3
			$n_{2\,Eck}$		215	255	103	126	218	258	106	145	219	259
			$n_{2\,th}$		215	247	103	126	209	226	106	145	163	196
17.500	450	1.23	M_2		102	64	197	108	178	87	357	177	316	156
			c		3.3	4.9	2.2	3.7	1.9	3.6	1.2	2.2	1.1	2.0
			$n_{2\,Eck}$		195	231	93	114	197	234	96	131	199	235
			$n_{2\,th}$		195	221	93	114	184	205	96	131	142	178

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

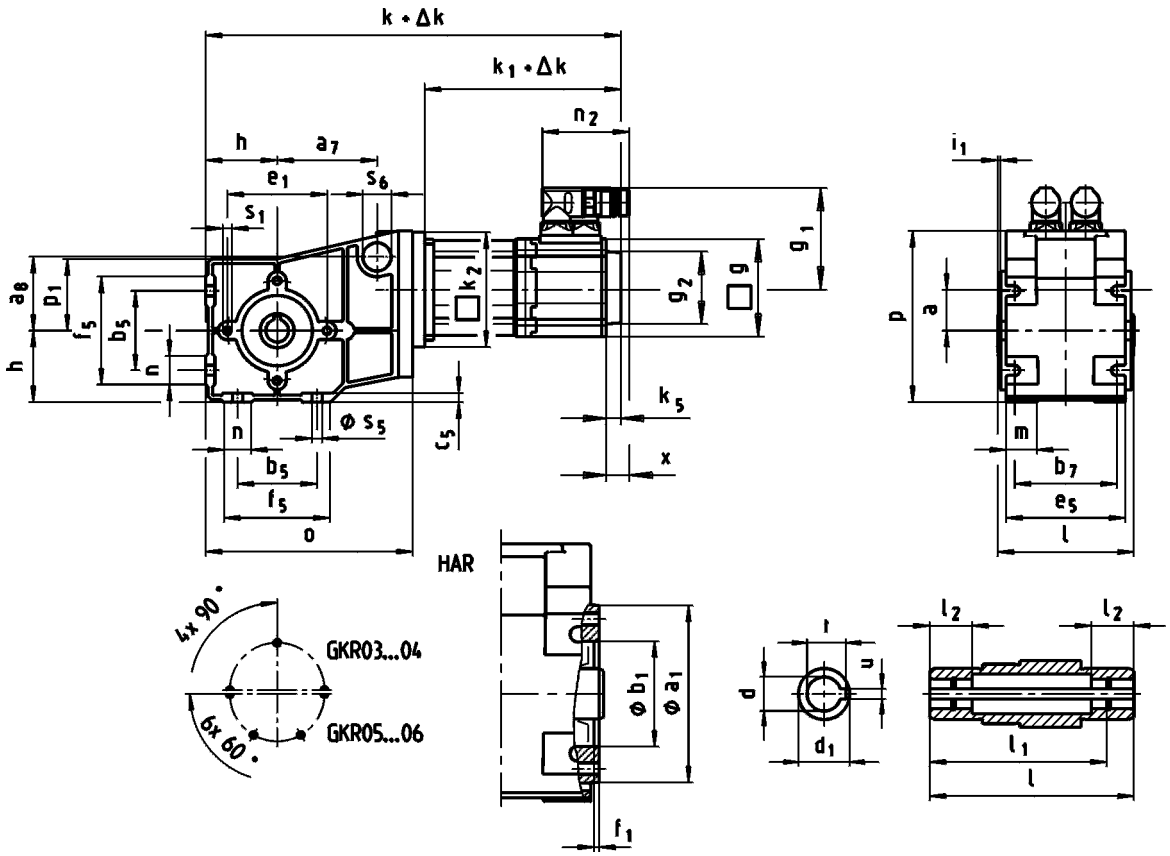


$M_{2\,GN} \leq 450$ Nm

GKR06-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
19.444	450	0.99	M_2		114	71	219	121	198	97	397	198		174
			c		2.9	4.4	2.0	3.3	1.7	3.2	1.1	2.0		1.8
			$n_{2\,Eck}$		175	208	84	103	178	211	86	118		211
			$n_{2\,th}$		175	208	84	103	178	185	86	118		160
21.438	450	0.93	M_2		126	79	242	134	219	108		218		192
			c		2.7	4.0	1.8	3.0	1.6	2.9		1.8		1.7
			$n_{2\,Eck}$		159	189	76	93	161	191		107		192
			$n_{2\,th}$		159	189	76	93	159	167		107		145
25.309	450	0.63	M_2		149	93	287	158	258	127				
			c		2.6	3.8	1.6	2.8	1.5	2.8				
			$n_{2\,Eck}$		135	160	65	79	137	162				
			$n_{2\,th}$		135	160	65	79	137	142				
27.903	450	0.59	M_2		165	103	317	175	285	141				
			c		2.3	3.5	1.4	2.5	1.4	2.6				
			$n_{2\,Eck}$		122	145	59	72	124	147				
			$n_{2\,th}$		122	145	59	72	124	129				
31.481	450	0.46	M_2		186	117	358	198	322	159				
			c		2.1	3.1	1.3	2.3	1.2	2.3				
			$n_{2\,Eck}$		108	129	52	64	110	130				
			$n_{2\,th}$		108	129	52	64	110	114				
34.708	450	0.43	M_2	63	206	129	395	219	356	176				
			c	5.6	1.9	2.8	1.1	2.0	1.1	2.1				
			$n_{2\,Eck}$	114	98	117	47	58	100	118				
			$n_{2\,th}$	114	98	117	47	58	100	103				
40.741	450	0.28	M_2	74	242	152								
			c	5.3	1.8	2.6								
			$n_{2\,Eck}$	97	84	99								
			$n_{2\,th}$	97	84	99								
44.917	450	0.27	M_2	82	267	168								
			c	4.8	1.6	2.4								
			$n_{2\,Eck}$	88	76	90								
			$n_{2\,th}$	88	76	90								
49.444	450	0.21	M_2	91	295	186								
			c	4.4	1.5	2.2								
			$n_{2\,Eck}$	80	69	82								
			$n_{2\,th}$	80	69	82								
54.513	450	0.20	M_2	100	325	205								
			c	4.0	1.3	2.0								
			$n_{2\,Eck}$	73	63	74								
			$n_{2\,th}$	72	63	74								
62.500	378	0.13	M_2	116										
			c	2.9										
			$n_{2\,Eck}$	63										
			$n_{2\,th}$	63										
68.906	417	0.13	M_2	128										
			c	2.9										
			$n_{2\,Eck}$	57										
			$n_{2\,th}$	57										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

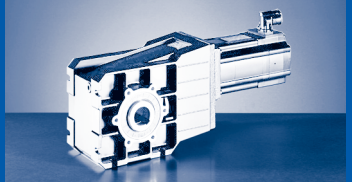


GKR□□-2S H□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKR03...	k	294	324	354											
GKR04...	k	331	361	391	383	403	423	463							
GKR05...	k	384	414	444	437	457	477	517	454		494			534	
GKR06...	k	436	466	496	488	508	528	568	505		545			585	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKR05: 12DC20 ... 12LC41



GKR□□-2S H□R ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32
GKR06...	k	521		561		601		641	
...RSO B0 [1]	Δ k	0							
...RSO P□ [1]	Δ k	28							
	k_1	201		241		281		321	
	k_2	145							
	g	143							
...RSO	k_5	24							
	g_2	Ø 78							
	g_1	116				147		116	147
	n_2	78				94		78	94
	x	16				38		16	38

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

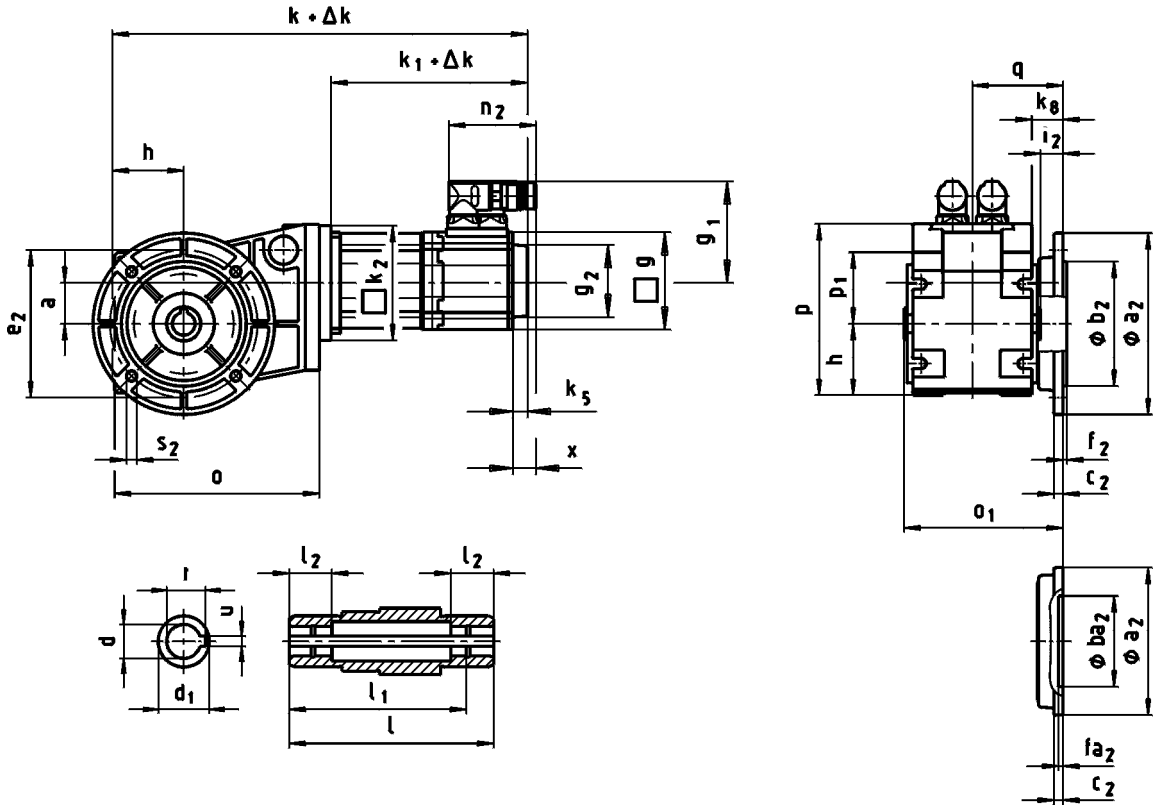
GKR□□-2S H□R

	o	p	p_1	h	a	a_7	a_8	s_6
GKR03...	142	117	48	50	29	66	39	25x12
GKR04...	189	151	63	63	36	88	65	25x17
GKR05...	251	181	82	80	40	-	-	-
GKR06...	307	226	100	100	51			

	b_5	b_7	c_5	e_5	f_5	m	n	s_5
GKR03...	60	75	7	90	80	22	20	6.6
GKR04...	70	90	8	105	95	28	25	9
GKR05...	100	100	11	115	138	27	48	
GKR06...	120	125	12	145	164	32	53	11

	d	l	d_1	l_1	l_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7					JS9	+0,2		J7				
GKR03...	18	100	30	85	22	6	20.8	85	55	70	2.5	2.5	M6x12
	20						22.8						
GKR04...	25	120	35	105	25	8	27 [2]	104	62	88	3		M8x16
GKR05...	30	143	50	127			33.3	116	80	100	4	4	M8x15
	35					10	38.3						
GKR06...	40	170	65	150	30	12	43.3	140	100	120		5	M10x22
	45					14	48.8						

[2] DIN 6885/3

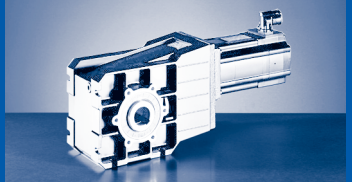


GKR□□-2S HAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKR03...	k	294	324	354											
GKR04...	k	331	361	391	383	403	423	463							
GKR05...	k	384	414	444	437	457	477	517	454		494			534	
GKR06...	k	436	466	496	488	508	528	568	505		545			585	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKR05: 12DC20 ... 12LC41



GKR□□-2S HAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32
GKR06...	k	521		561		601		641	
...RSO B0 [1]	Δ k	0							
...RSO P□ [1]	Δ k	28							
	k_1	201		241		281		321	
	k_2	145							
	g	143							
...RSO	k_5	24							
	g_2	Ø 78							
	g_1	116				147		116	147
	n_2	78				94		78	94
	x	16				38		16	38

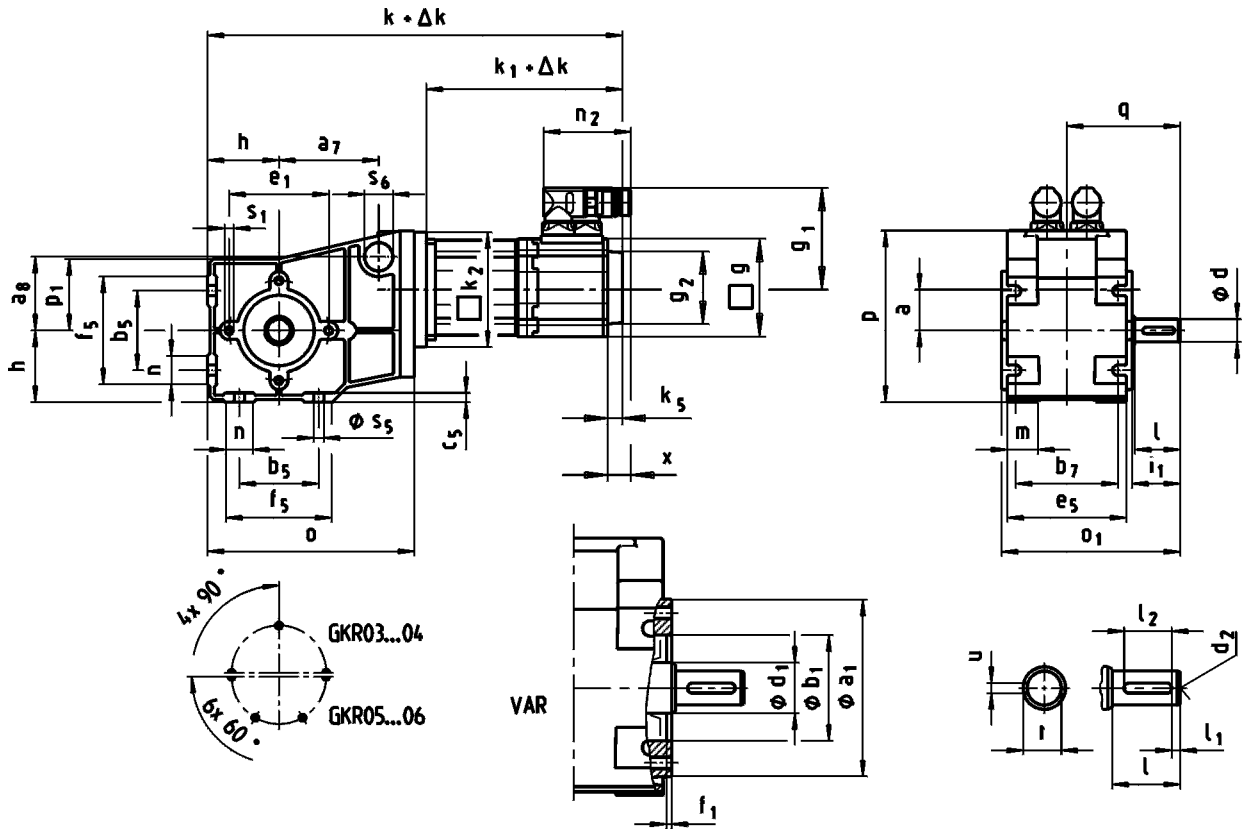
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKR□□-2S HAK

	o	o_1	p	p_1	h	a	q	k_8
GKR03...	142	130	117	48	50	29	80	35
GKR04...	189	140	151	63	63	36		28
GKR05...	251	177	181	82	80	40	105	48
GKR06...	307	212	226	100	100	51	126.5	54

	d	l	d_1	l_1	l_2	u	t	a_2	b_2	ba_2	c_2	e_2	f_2	fa_2	i_2	s_2
	H7					JS9	+0,2		j7	H7						4x90°
GKR03...	18	100	30	85	22	6	20.8	110	-	60	8	87	-	4	30	9
	20						22.8	120	80	-		100	3	-		7
GKR04...	25	120	35	105	25	8	27 [2]	160	110			130	3.5		20	9
GKR05...	30	143	50	127			33.3				12				33.5	
	35					10	38.3	200	130			165				11
GKR06...	40	170	65	150	30	12	43.3								41.5	
	45					14	48.8	250	180			215	4			14

[2] DIN 6885/3

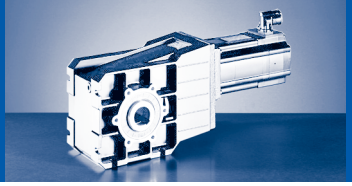


GKR□□-2S V□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKR03...	k	294	324	354											
GKR04...	k	331	361	391	383	403	423	463							
GKR05...	k	384	414	444	437	457	477	517	454			494		534	
GKR06...	k	436	466	496	488	508	528	568	505			545		585	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188			228		268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKR05: 12DC20 ... 12LC41



GKR□□-2S V□R ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32
GKR06...	k	521		561		601		641	
...RSO B0 [1]	Δ k	0							
...RSO P□ [1]	Δ k	28							
	k_1	201		241		281		321	
	k_2	145							
	g	143							
...RSO	k_5	24							
	g_2	Ø 78							
	g_1	116					147	116	147
	n_2	78					94	78	94
	x	16					38	16	38

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

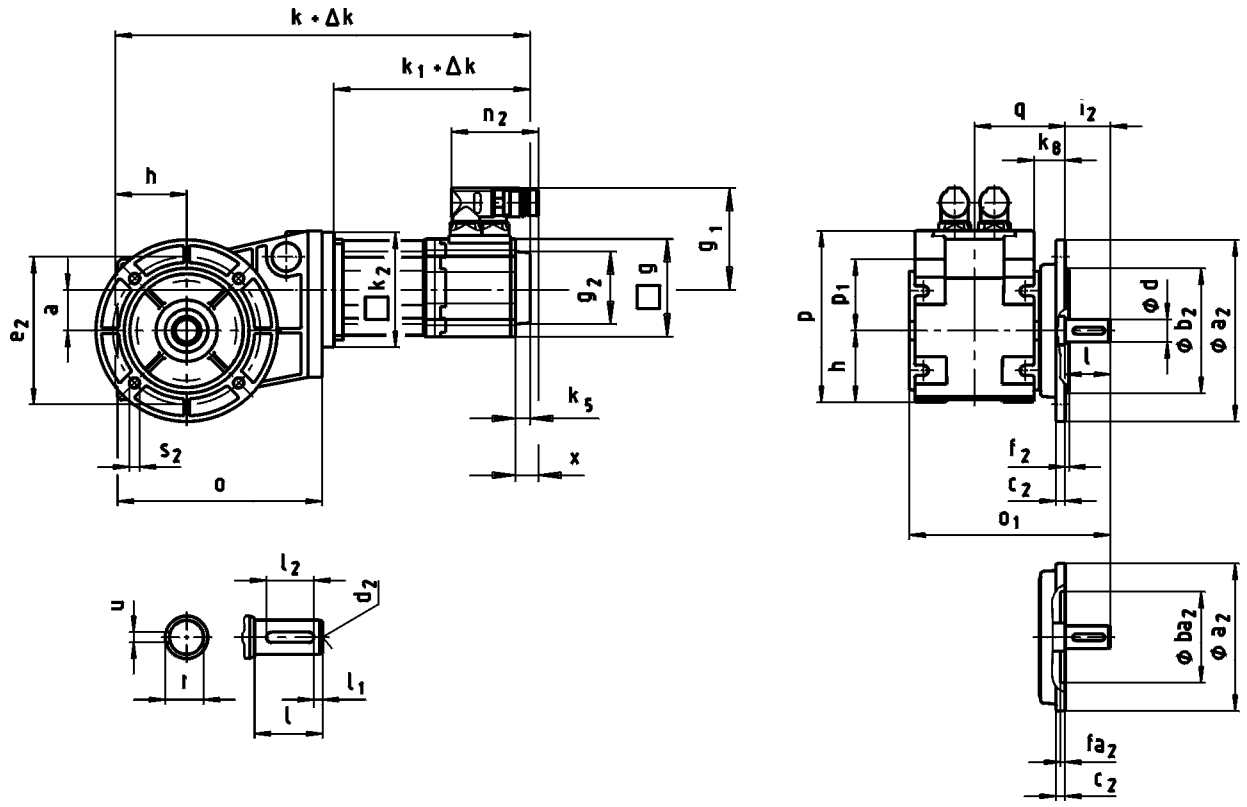
GKR□□-2S V□R

	o	o_1	p	p_1	h	a	q	a_7	a_8	s_6
GKR03...	142	138	117	48	50	29	90	66	39	25x12
GKR04...	189	158	151	63	63	36	100	88	65	25x17
GKR05...	251	199	181	82	80	40	131.5	-	-	-
GKR06...	307	235	226	100	100	51	155			

	b_5	b_7	c_5	e_5	f_5	m	n	s_5
GKR03...	60	75	7	90	80	22	20	6.6
GKR04...	70	90	8	105	95	28	25	9
GKR05...	100	100	11	115	138	27	48	
GKR06...	120	125	12	145	164	32	53	11

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										J7				
GKR03...	20	40	30	5	28	M6	6	22.5	85	55	70	2.5	42.5	M6x12
GKR04...									104	62	88	3		M8x16
GKR05...	30	60	50	6	45	M10	8	33	116	80	100	4	64	M8x15
GKR06...	35	70	65	7	56	M12	10	38	140	100	120		75	M10x22

d ≤ 50 mm: k6; d > 50 mm: m6

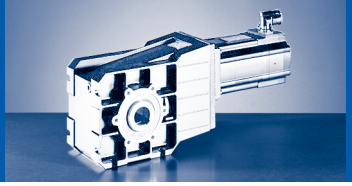


GKR□□-2S VAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKR03...	k	294	324	354											
GKR04...	k	331	361	391	383	403	423	463							
GKR05...	k	384	414	444	437	457	477	517	454			494		534	
GKR06...	k	436	466	496	488	508	528	568	505			545		585	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188			228		268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKR05: 12DC20 ... 12LC41



GKR□□-2S VAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32
GKR06...	k	521		561		601		641	
...RSO B0 [1]	Δ k	0							
...RSO P□ [1]	Δ k	28							
	k_1	201		241		281		321	
	k_2	145							
	g	143							
...RSO	k_5	24							
	g_2	Ø 78							
	g_1	116				147		116	147
	n_2	78				94		78	94
	x	16				38		16	38

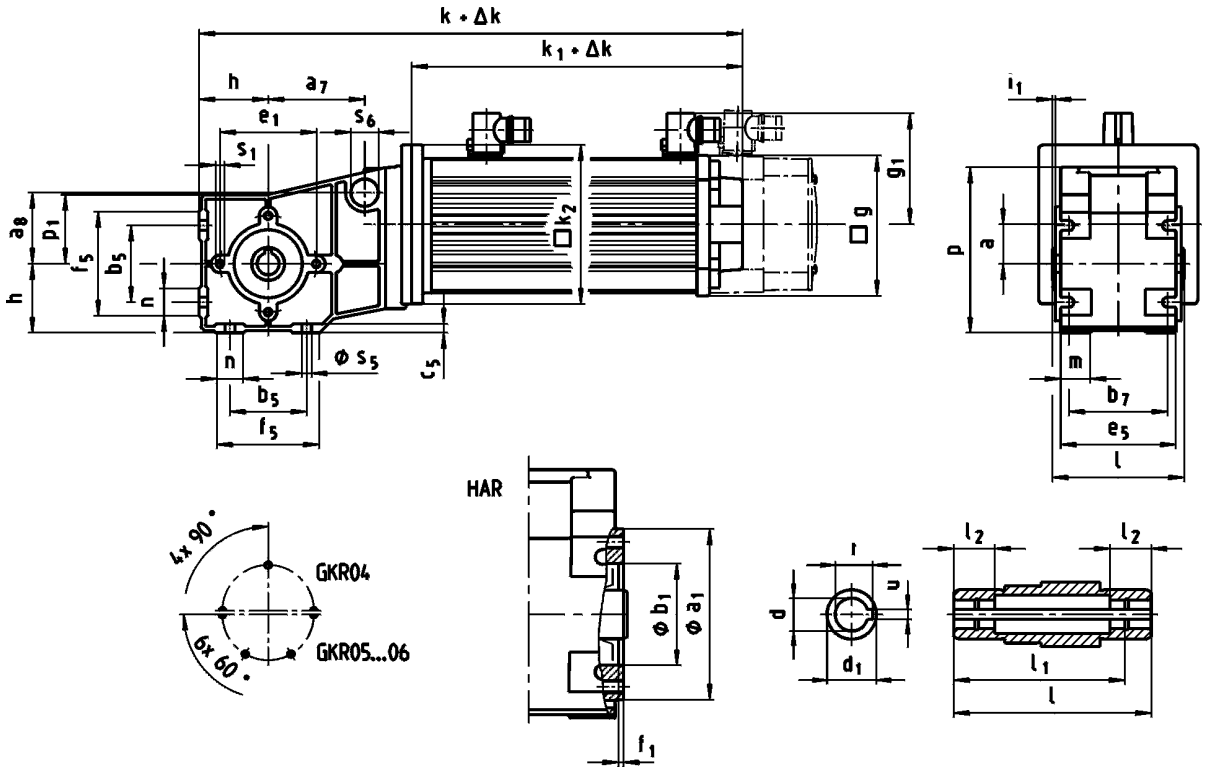
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKR□□-2S VAK

	o	o_1	p	p_1	h	a	q	k_8
GKR03...	142	168	117	48	50	29	80	35
GKR04...	189	178	151	63	63	36	80.5	28
GKR05...	251	233	181	82	80	40	105	48
GKR06...	307	277	226	100	100	51	126.5	54

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	ba_2	c_2	e_2	f_2	fa_2	i_2	s_2
									j7	H7						4x90°
GKR03...	20	40	5	28	M6	6	22.5	110	-	60	8	87	-	4	40	9
GKR04...								120	80	-		100	3	-		7
GKR05...	30	60	6	45	M10	8	33	160	110		12	130	3.5		60	9
GKR06...	35	70	7	56	M12	10	38	200	130			165			70	11
								250	180			215	4			14

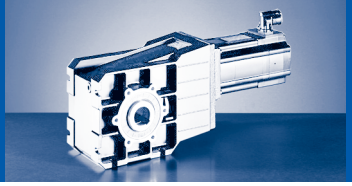
d ≤ 50 mm: k6; d > 50 mm: m6



GKR□□-2A H□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00	17N C17 ...F10	17N C35 ...F10
GKR04...	k	459	467	535								
GKR05...	k	512	521	589	571		633					
GKR06...	k	564	572	640	622		684		661		750	
...RSO B0 [1]	Δ k	0										
...RSO P□ [1]	Δ k	25	35		33				35			
	k_1	258	267	335	307		369		346		435	
	k_2	145			180							
	g	102	131		142				165			
	g_1	90	102		109				118			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



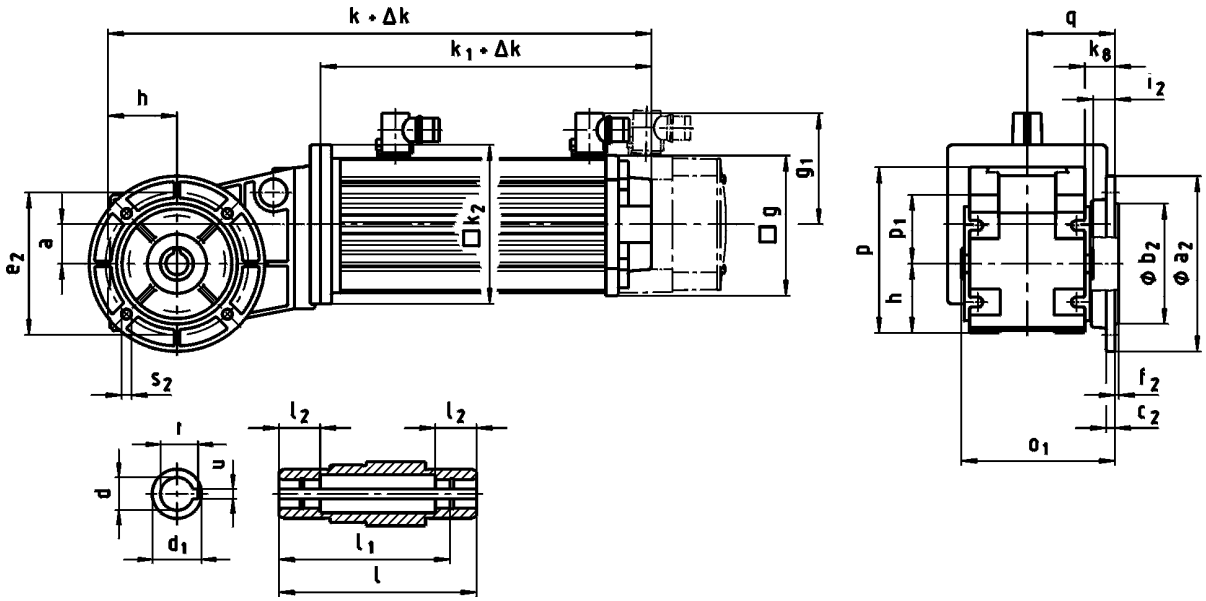
GKR□□-2A H□R

	o	p	p_1	h	a	a_7	a_8	s_6
GKR04...	189	151	63	63	36	88	65	25x17
GKR05...	251	181	82	80	40	-	-	-
GKR06...	307	226	100	100	51			

	b_5	b_7	c_5	e_5	f_5	m	n	s_5
GKR04...	70	90	8	105	95	28	25	9
GKR05...	100	100	11	115	138	27	48	
GKR06...	120	125	12	145	164	32	53	11

	d	l	d_1	l_1	l_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7					JS9	+0,2		J7				
GKR04...	20	120	30	105	25	6	22.8	104	62	88	3	2.5	M8x16
	25		35			8	27 [1]						
GKR05...	30	143	50	127			33.3	116	80	100	4	4	M8x15
	35					10	38.3						
GKR06...	40	170	65	150	30	12	43.3	140	100	120		5	M10x22
	45					14	48.8						

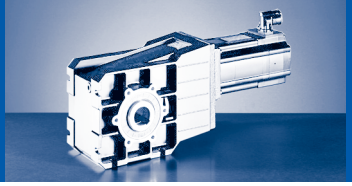
[1] DIN 6885/3



GKR□□-2A HAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00	17N C17 ...F10	17N C35 ...F10
GKR04...	k	459	467	535								
GKR05...	k	512	521	589	571		633					
GKR06...	k	564	572	640	622		684		661		750	
...RSO B0 [1]	Δ k	0										
...RSO P□ [1]	Δ k	25	35		33				35			
	k_1	258	267	335	307		369		346		435	
	k_2	145			180							
	g	102	131		142				165			
	g_1	90	102		109				118			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

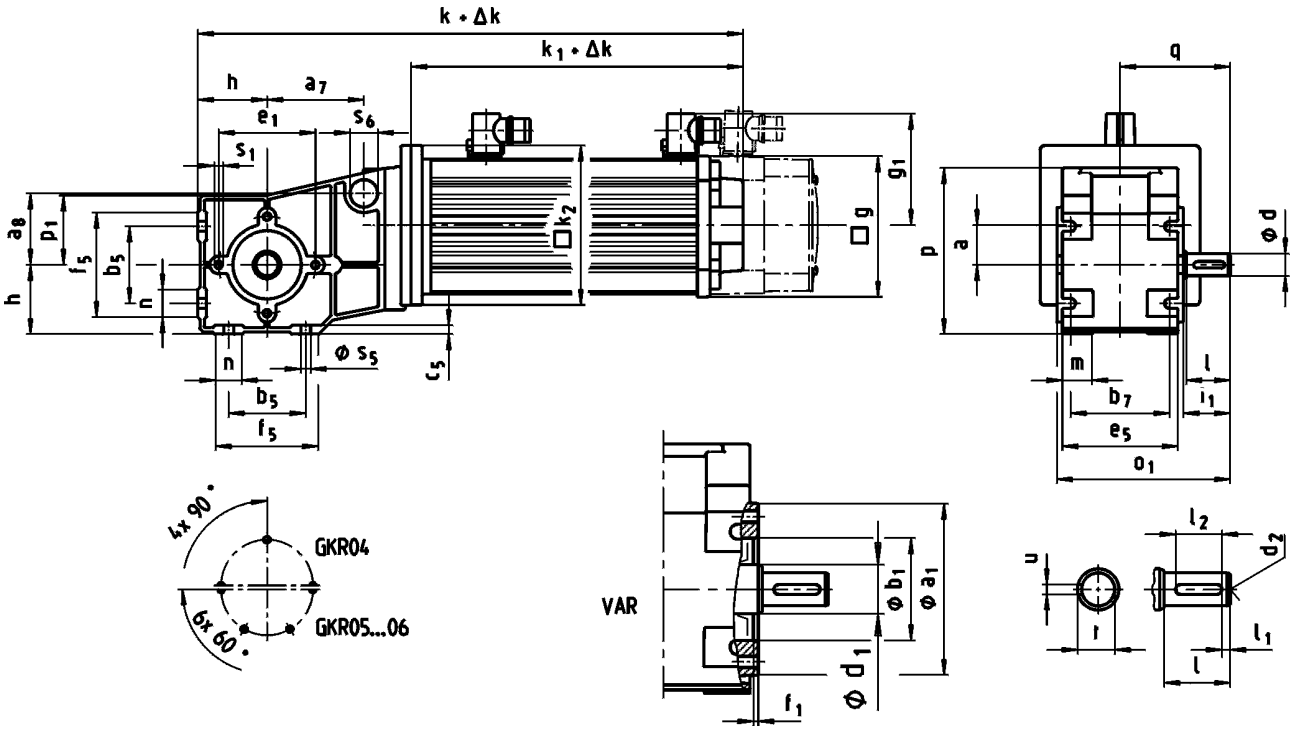


GKR□□-2A HAK

	o	o_1	p	p_1	h	a	q	k_8
GKR04...	189	140	151	63	63	36	80	28
GKR05...	251	177	181	82	80	40	105	48
GKR06...	307	212	226	100	100	51	126.5	54

	d	l	d_1	l_1	l_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7					JS9	+0,2		j7					4x90°
GKR04...	20	120	30	105	25	6	22.8	120	80	8	100	3	20	7
	25		35			8	27 [1]	160	110		130	3.5		9
GKR05...	30	143	50	127			33.3			12			33.5	
	35					10	38.3	200	130		165			11
GKR06...	40	170	65	150	30	12	43.3						41.5	
	45					14	48.8	250	180		215	4		14

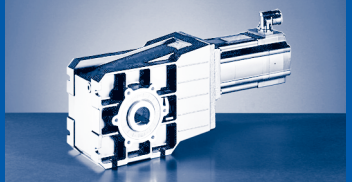
[1] DIN 6885/3



GKR□□-2A V□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00	17N C17 ...F10	17N C35 ...F10
GKR04...	k	459	467	535								
GKR05...	k	512	521	589	571		633					
GKR06...	k	564	572	640	622		684		661		750	
...RSO B0 [1]	Δ k	0										
...RSO P□ [1]	Δ k	25	35		33				35			
	k_1	258	267	335	307		369		346		435	
	k_2	145			180							
	g	102	131		142				165			
	g_1	90	102		109				118			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



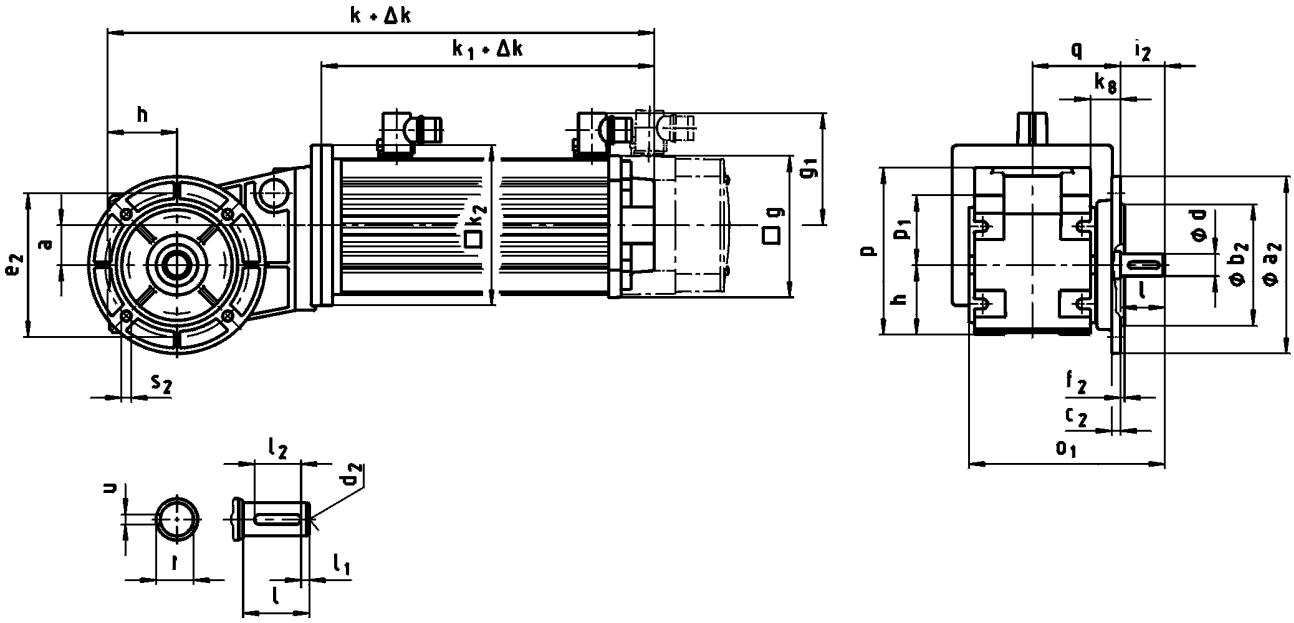
GKR□□-2A V□R

	o	o_1	p	p_1	h	a	q	a_7	a_8	s_6
GKR04...	189	158	151	63	63	36	100	88	65	25x17
GKR05...	251	199	181	82	80	40	131.5	-	-	-
GKR06...	307	235	226	100	100	51	155			

	b_5	b_7	c_5	e_5	f_5	m	n	s_5
GKR04...	70	90	8	105	95	28	25	9
GKR05...	100	100	11	115	138	27	48	
GKR06...	120	125	12	145	164	32	53	11

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										J7				
GKR04...	20	40	30	5	28	M6	6	22.5	104	62	88	3	42.5	M8x16
GKR05...	30	60	50	6	45	M10	8	33	116	80	100	4	64	M8x15
GKR06...	35	70	65	7	56	M12	10	38	140	100	120		75	M10x22

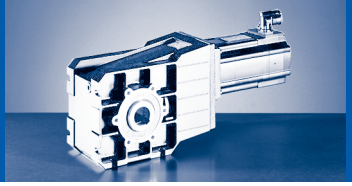
d ≤ 50 mm: k6; d > 50 mm: m6



GKR□□-2A VAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00	17N C17 ...F10	17N C35 ...F10
GKR04...	k	459	467	535								
GKR05...	k	512	521	589	571		633					
GKR06...	k	564	572	640	622		684		661		750	
...RSO B0 [1]	Δ k	0										
...RSO P□ [1]	Δ k	25	35		33				35			
	k_1	258	267	335	307		369		346		435	
	k_2	145			180							
	g	102	131		142				165			
	g_1	90	102		109				118			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



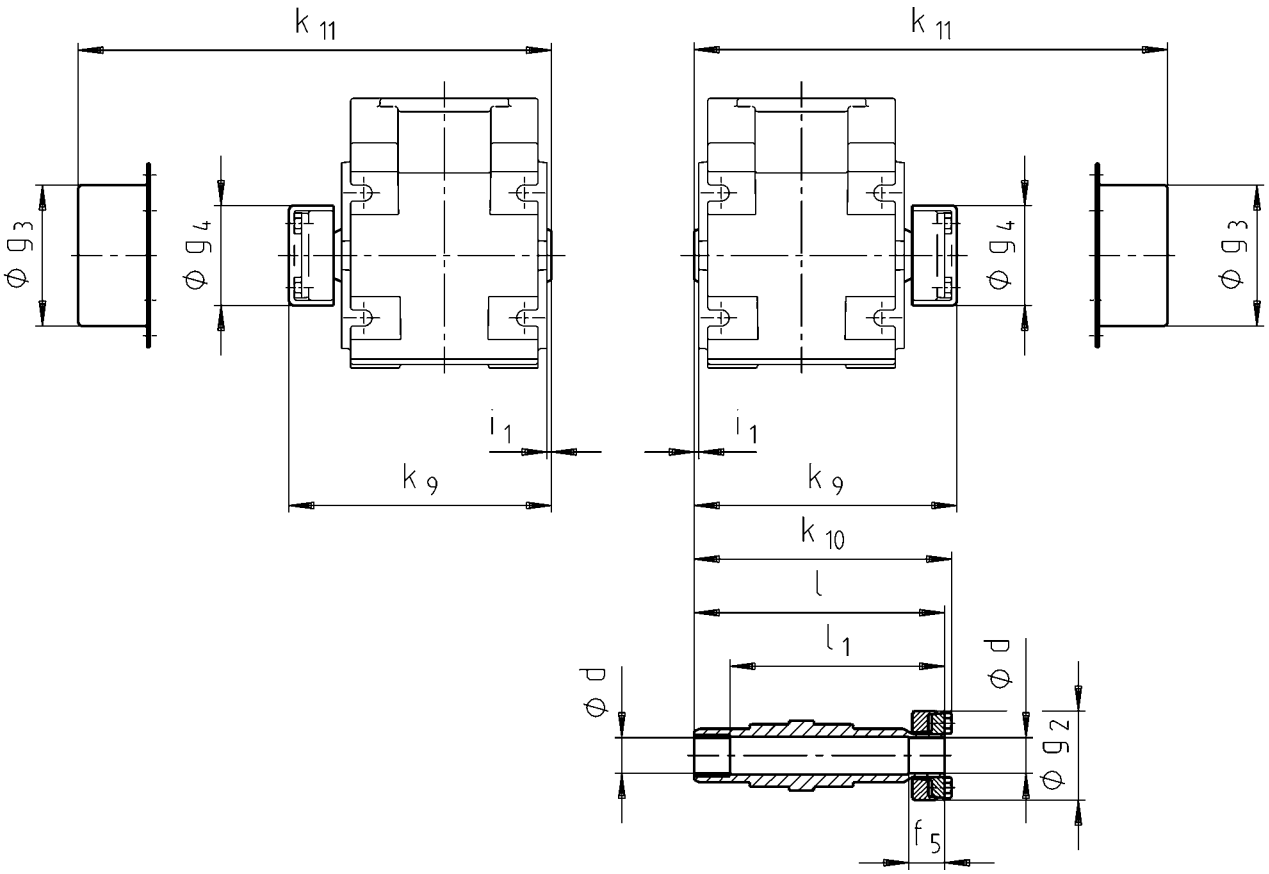
GKR□□-2A VAK

	o	o_1	p	p_1	h	a	q	k_8
GKR04...	189	178	151	63	63	36	80.5	28
GKR05...	251	233	181	82	80	40	105	48
GKR06...	307	277	226	100	100	51	126.5	54

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					4x90°
GKR04...	20	40	5	28	M6	6	22.5	120	80	8	100	3	40	7
								160	110		130	3.5		9
GKR05...	30	60	6	45	M10	8	33			12			60	
								200	130		165			11
GKR06...	35	70	7	56	M12	10	38						70	
								250	180		215	4		14

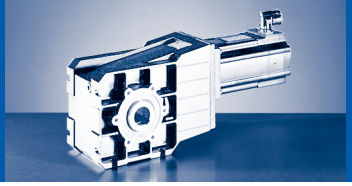
d ≤ 50 mm: k6; d > 50 mm: m6

Hollow shaft with shrink disc

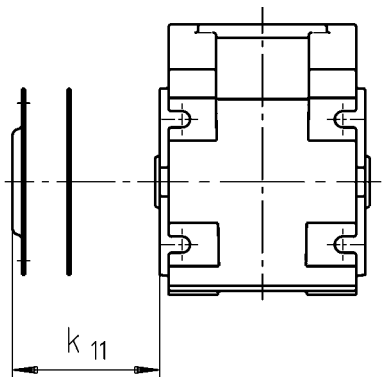


	Machine shaft	Hollow shaft with shrink disc						Protective cap		Cover	
	d	i_1	k_{10}	g_2	l	l_1	f_5	k_9	g_4	k_{11}	g_3
	h6										
GKR03...	20	2.5	124	50	120	100	20	126	54	138	65
GKR04...			144		140	120		146		158	79
GKR05...	30 35	4	177	80	171	151	28	179	84	182	90
GKR06...	40	5	210	90	204	174	30	212	94	214	100

► Ensure that the strength of the shaft material is adequate in shrink disc designs.
When using typical steels (e.g. C45, 42CrMo4), the torques listed in the selection tables can be used without restriction.
When using material that is considerably weaker, please consult us. Medium surface roughness Rz must not exceed 15 µm (turning operation is sufficient).

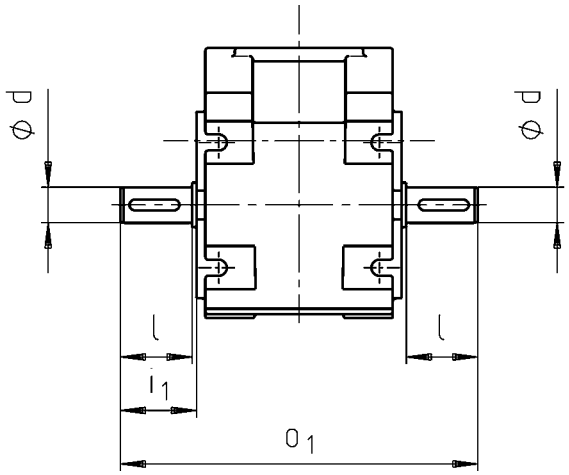


Hoseproof hollow shaft cover



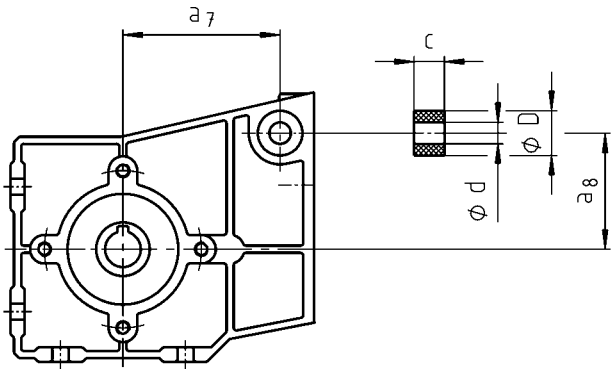
	Cover including seal
	k_{11}
GKR03...	9
GKR04...	
GKR05...	10
GKR06...	11

Gearbox with 2nd output shaft end

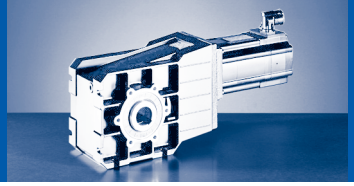


	d	l	i_1	o_1
GKR03...	20	40	42.5	180
GKR04...				200
GKR05...	30	60	64	263
GKR06...	35	70	75	310

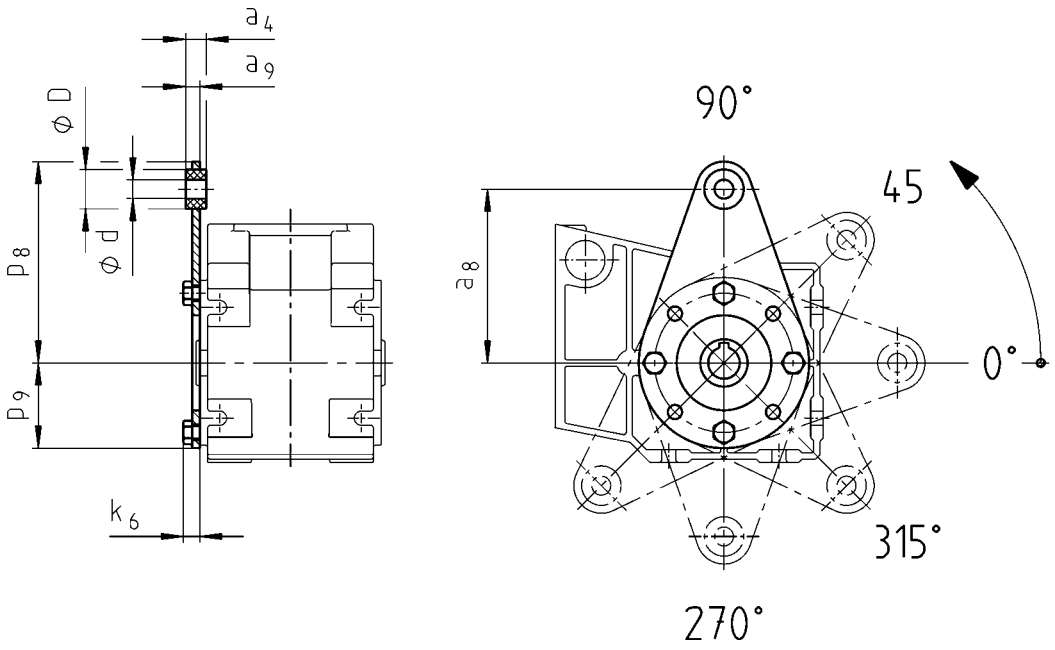
Rubber buffer for torque plate



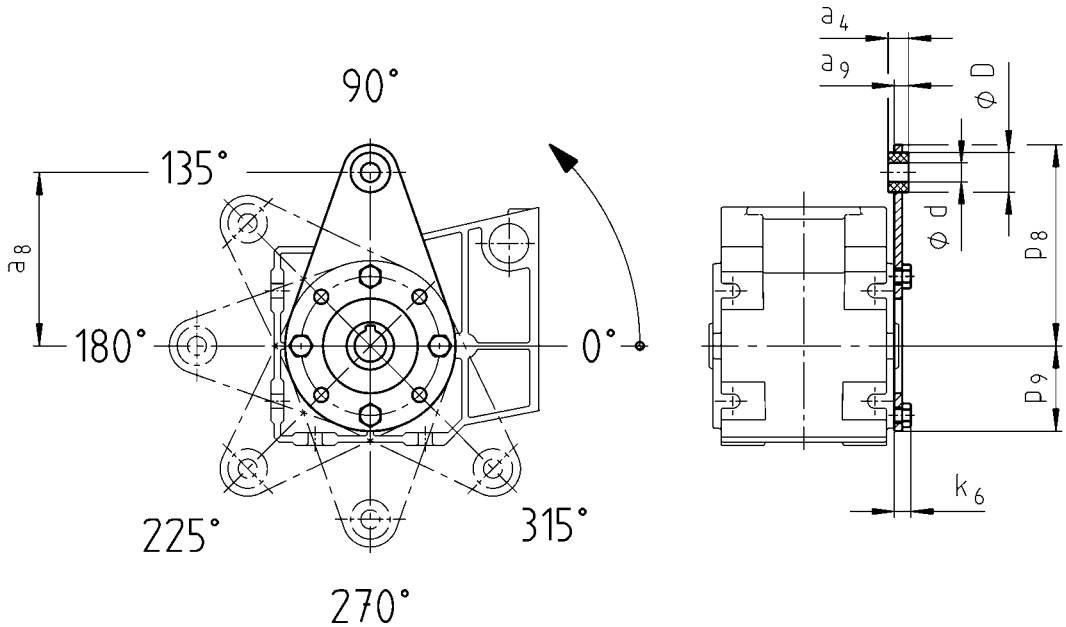
	d	D	c	a_7	a_8
GKR03...	10	25	13	66	39
GKR04...				88	65



GKR03/04
Torque plate at threaded hole circle in position 3

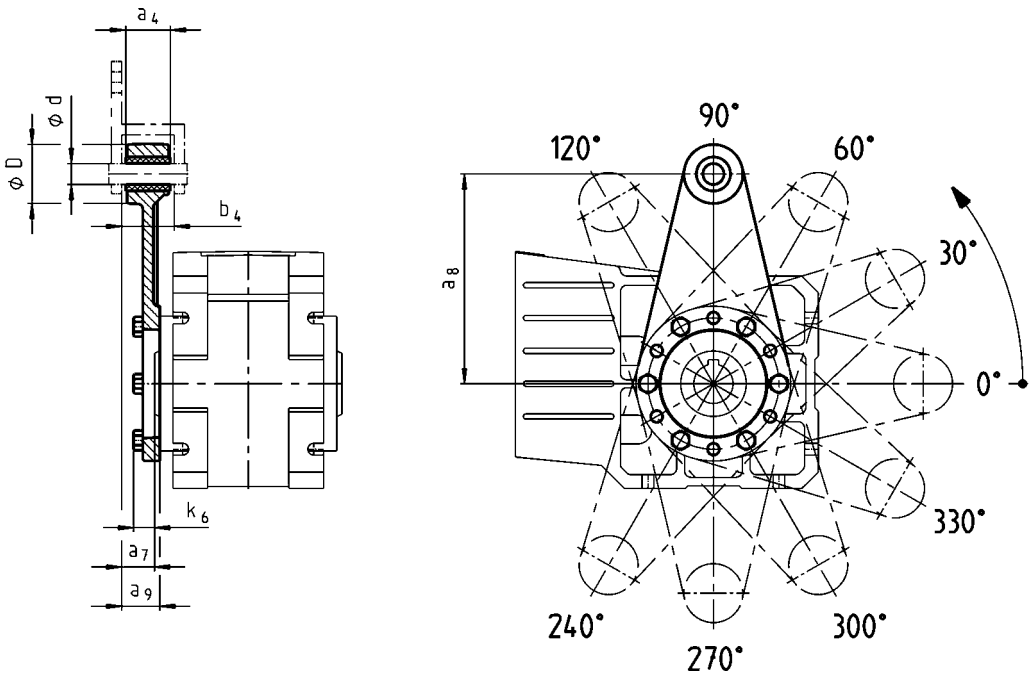


GKR03/04
Torque plate at threaded hole circle in position 5

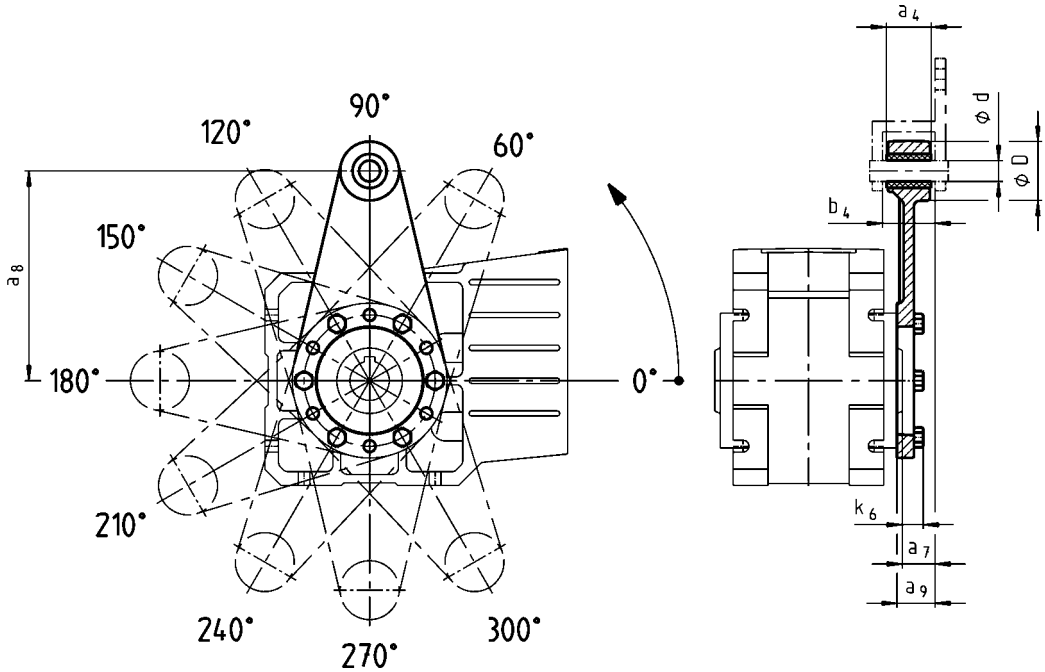


	a_4	a_8	a_9	d	D	k_6	p_8	p_9
GKR03...	12	100	8	8	20	9	115	42
GKR04...	13	110	9	10	25	11	128	52

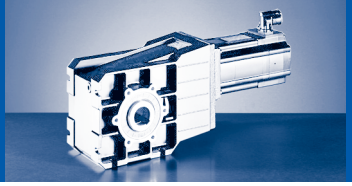
GKR05/06
Torque plate at threaded hole circle in position 3



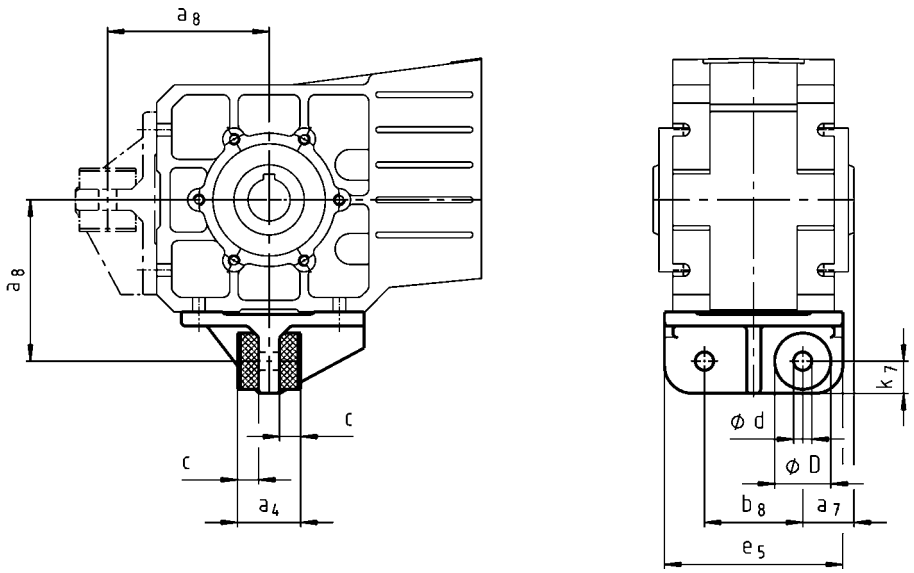
GKR05/06
Torque plate at threaded hole circle in position 5



	Installation space							
	a_7	b_4	a_4	a_8	a_9	d	D	k_6
GKR05...	23.5	38.5	34	160	27.5	16	45	15
GKR06...	28	44.5	40	200	33	20	50	18

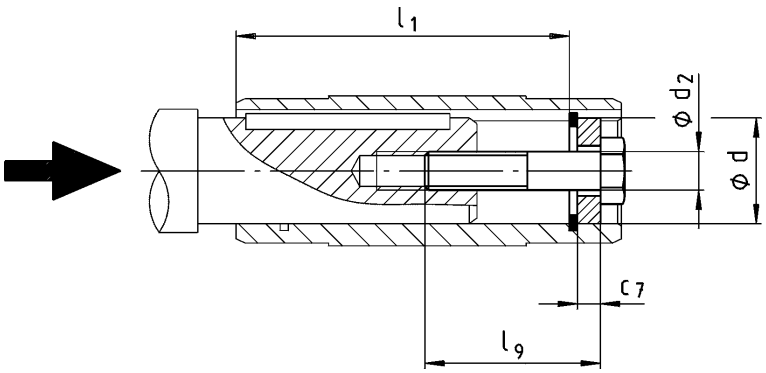


GKR05 / 06
Torque plate at casing foot in position 4 or 6

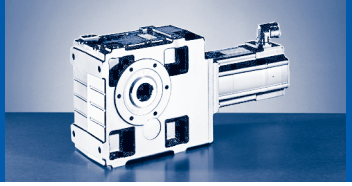


	a_4	a_7	a_8	b_8	c	d	D	e_5	k_7
GKR05...	45	36.5	115	70	15	13	40	127	25
GKR06...	72	45	145	80	27	17	50	145	28

Mounting set for hollow shaft circlip
Proposed design for auxiliary tools



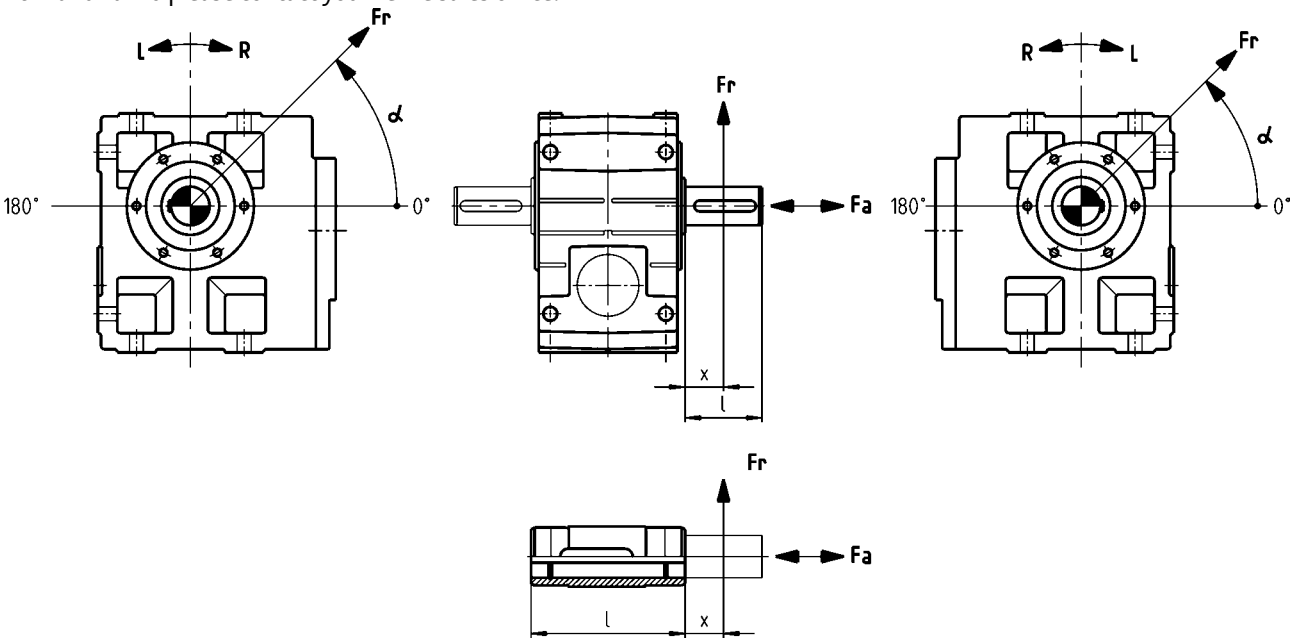
	Hollow shaft		Hollow shaft circlip mounting set (Assembly auxiliaries)		
	d	l_1	d_2	l_9	c_7
	H7				
GKR03...	18	85	M6	40	4
	20				
GKR04...		105			
	25		M10		5
GKR05...	30	127			6
	35		M12	50	7
GKR06...	40	150	M16	60	8
	45				9



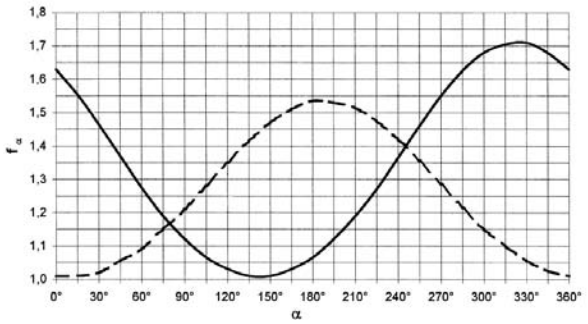
Permissible radial force
$Fr_{zul} = \min (f_w \times f_\alpha \times Fr_{Tab} ; f_w \times Fr_{max})$

Permissible axial force
$Fa_{zul} = Fa_{Tab}$ at Fr = 0

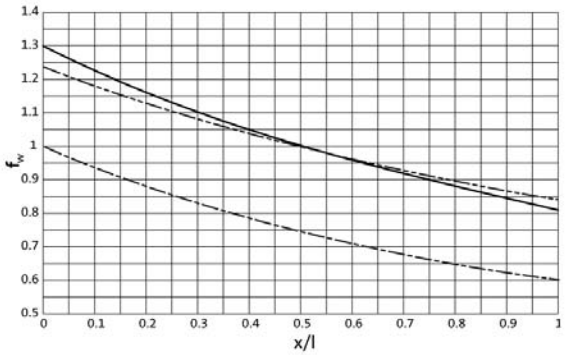
At Fr **and** Fa ≠ 0 please contact your Lenze sales office.



Effective direction factor f_α at output shaft

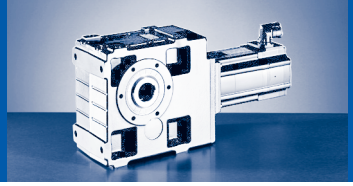


Additional load factor f_w at output shaft



——— Direction of rotation R
— — — Direction of rotation L

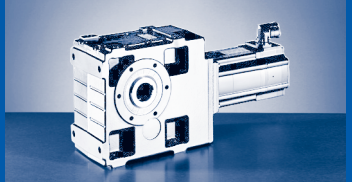
——— Solid shaft (V□R)
— — — Solid shaft with flange (V□K)
— · — Hollow shaft (H□□)



	Solid shaft without flange (V□R) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0													
	GKS04-3		GKS05-3/4		GKS06-3/4		GKS07-3/4		GKS09-3/4 [1]		GKS11-3/4 [1]		GKS14-3/4	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
630	2400	3300	2200	2800	2700	3500	-	-	-	-	-	-	-	-
400	3000	4200	2800	3500	3700	4440	4000	4900	6200	6500	7100	7000	57900	35000
250	3400	5000	3200	4240	4300	5580	4900	6230	6400	7400	7500	8000	61000	35000
160	3600	5500	3600	5090	4900	6930	5800	7820	7100	8000	8200	9200	64100	35000
100	3600	5500	4100	6160	5300	8710	6600	9940	8400	10500	10000	12000	65000	35000
63	3600	5500	4900	6600	6200	10000	8000	12600	9500	13000	11200	14500	65000	35000
40	3600	5500	5800	6600	7900	10000	9600	14000	11800	17000	13000	18500	65000	35000
25	3600	5500	5800	6600	9000	10000	12000	14000	16000	21000	19000	27000	65000	35000
≤ 16	3600	5500	5800	6600	9000	10000	12000	14000	18000	21000	23000	27000	65000	35000
Fr_{max}	3600	-	5800	-	9000	-	12000	-	18000	-	23000	-	65000	-

[1] Reinforced output shaft bearings are available on request for V□R versions.

	Solid shaft with flange (V□K) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0													
	GKS04-3		GKS05-3/4		GKS06-3/4		GKS07-3/4		GKS09-3/4		GKS11-3/4		GKS14-3/4	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
630	3100	3300	3800	2900	4700	3700	-	-	-	-	-	-	-	-
400	3800	4200	4640	3630	6400	4660	7000	5700	9900	6000	14500	7000	20500	8400
250	4300	4400	5420	4440	7500	5880	8250	7000	10500	6600	16000	7500	23700	10000
160	4600	4400	6280	5420	8800	7320	9630	8500	12000	7600	17600	8500	27200	11500
100	4600	4400	7000	6600	9800	9230	11000	10400	14000	10000	21000	10500	31300	13000
63	4600	4400	7000	6600	10000	10000	13000	11500	15000	12000	24500	13000	35000	15000
40	4600	4400	7000	6600	10000	10000	14000	11500	15000	15000	28000	17500	41000	19000
25	4600	4400	7000	6600	10000	10000	14000	11500	15000	17000	30000	27000	43000	28000
≤ 16	4600	4400	7000	6600	10000	10000	14000	11500	15000	17000	30000	27000	43000	35000
Fr_{max}	4600	-	7000	-	10000	-	14000	-	15000	-	30000	-	43000	-

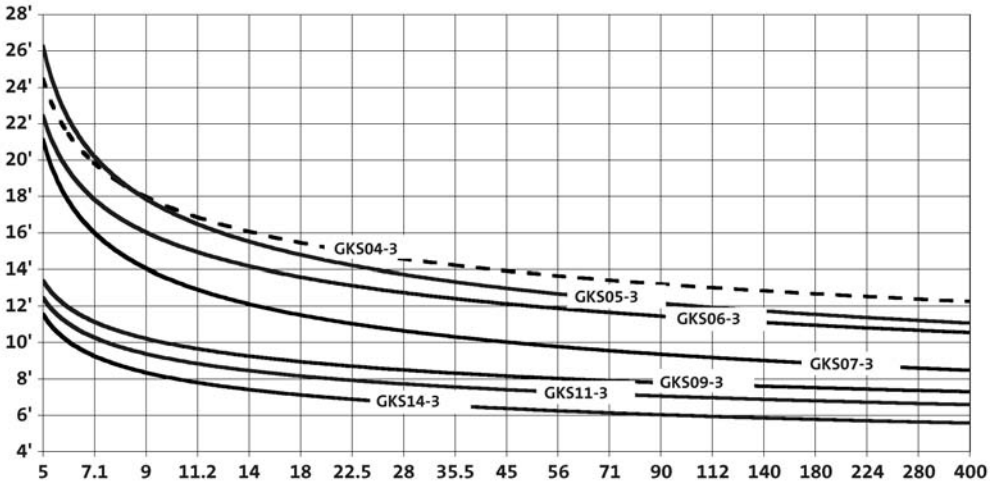


	Hollow shaft (H□□) Application of force Fr: on hollow shaft end face (x = 0) Fa_{Tab} only valid for Fr = 0													
	GKS04-3		GKS05-3/4		GKS06-3/4		GKS07-3/4		GKS09-3/4		GKS11-3/4		GKS14-3/4	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
630	3100	3300	2400	2800	3000	3500	-	-	-	-	-	-	-	-
400	3900	4200	3500	3500	4600	4440	5400	4900	7500	6500	9000	7000	15000	6000
250	4500	5000	4200	4240	5600	5580	6300	6230	8200	7400	10000	8000	15500	8000
160	5100	5500	4630	5090	6400	6930	7400	7820	9400	8000	11000	9200	16500	10000
100	5900	5500	5000	6160	7000	8710	8700	9940	10600	10500	14000	12000	17500	13000
63	6800	5500	6200	6600	8200	10000	10500	12600	12200	13000	16000	14500	18500	16000
40	7000	5500	7300	6600	10400	10000	12500	14000	15500	17000	18500	18500	21000	20000
25	7000	5500	7300	6600	12000	10000	15100	14000	21000	21000	25000	27000	28000	28000
≤ 16	7000	5500	7300	6600	12000	10000	16000	14000	24000	21000	30000	27000	40000	35000
Fr_{max}	7000	-	7300	-	12000	-	16000	-	24000	-	30000	-	45000	-

► Neither radial nor axial forces are permissible for the hollow shaft with shrink disc (S□□).

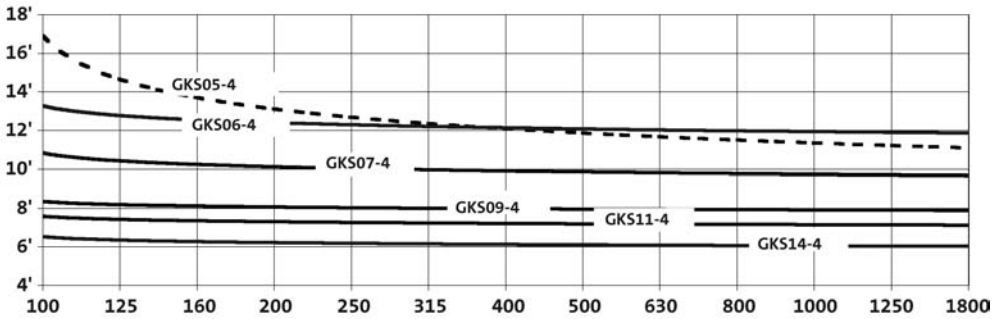
Output backlash in angular minutes

GKS04...14-3

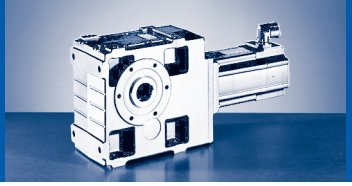


Ratio

GKS05...14-4

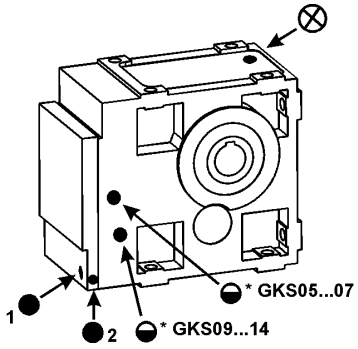
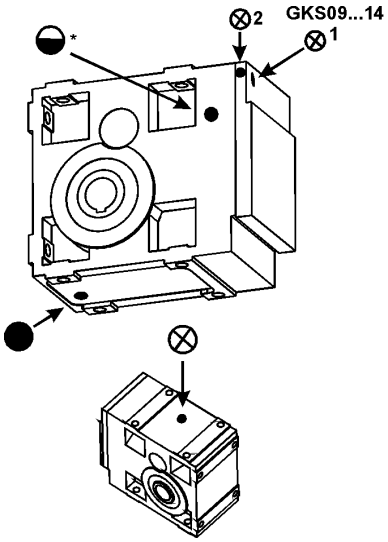
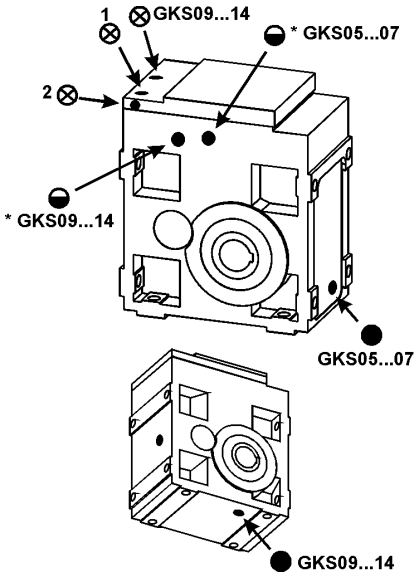


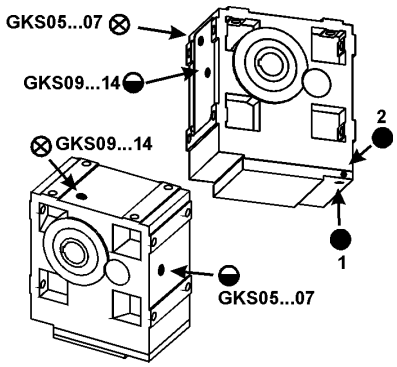
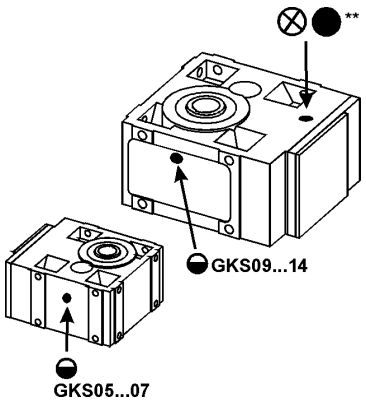
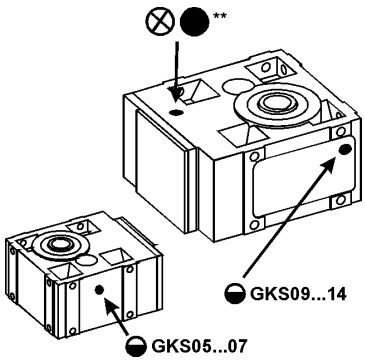
Ratio



Position of ventilation, sealing elements and oil control

GKS05...14-3

Mounting position		
A	B	C
		

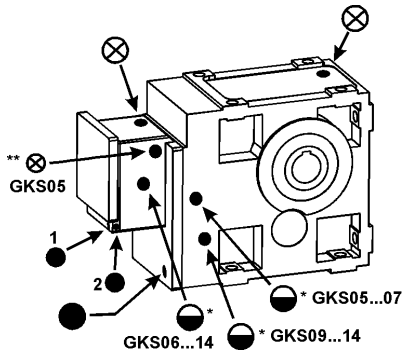
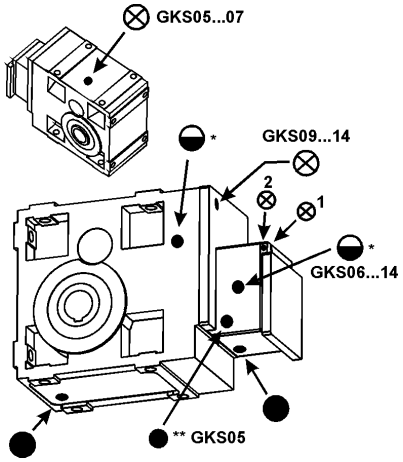
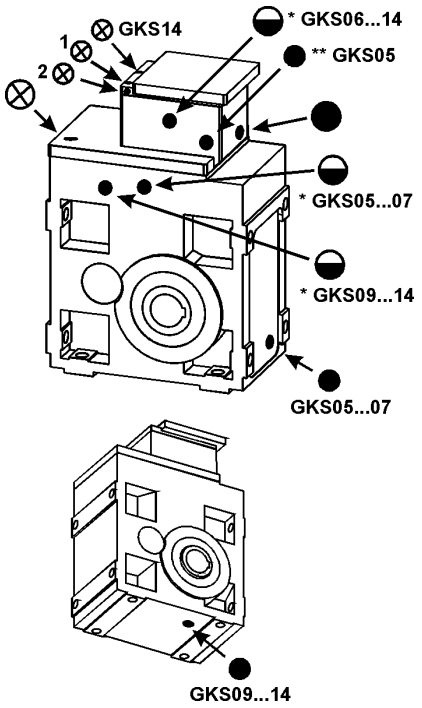
Mounting position		
D	E	F
		

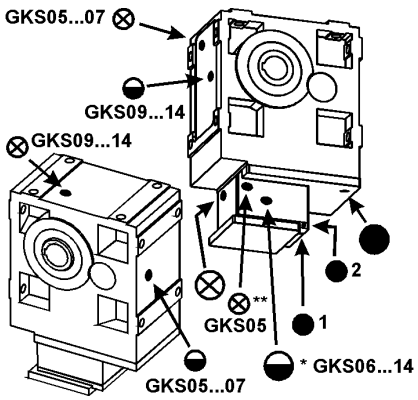
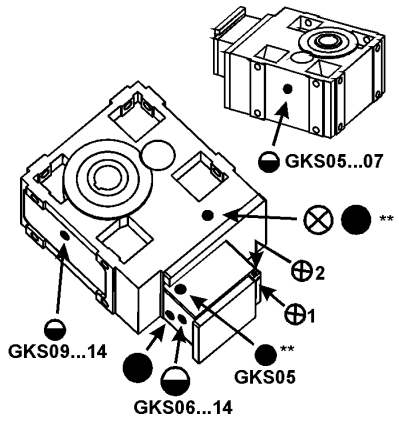
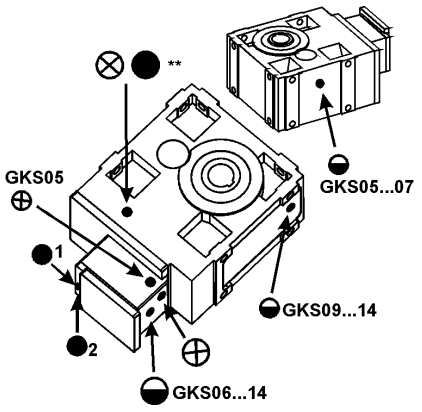
⊗ Ventilation/oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** Opposite

Pos.1 standard
Pos.2 only on GKS05-3A □□□ 14LC□□

Position of ventilation, sealing elements and oil control

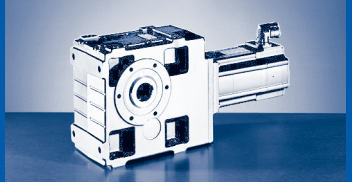
GKS05...14-4

Mounting position		
A	B	C
		

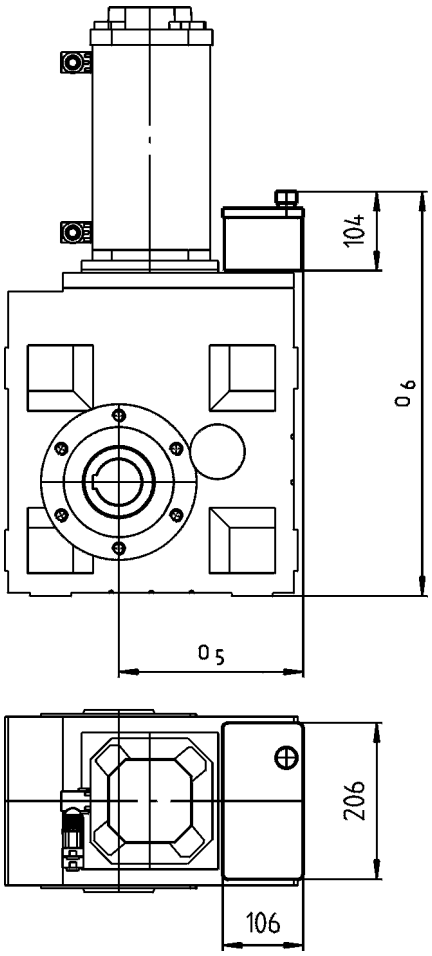
Mounting position		
D	E	F
		

⊗ Ventilation/oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** Opposite

Pos.1 standard
Pos.2 only on GKS07-4A □□□ 14LC□□



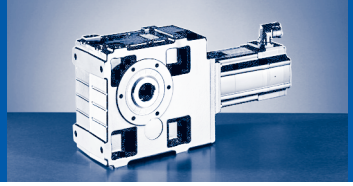
Compensation reservoir for mounting position C



GKS□□-3A...		14LC□□ [1]	17NC□□ [1]	19SC□□ [1]	21XC□□ [1]
GKS09...	o_5	243		265	282
	o_6	533			
GKS11...	o_5	258		280	304
	o_6	626		630	
GKS14...	o_5			313	343
	o_6			739	

GKS□□-3S...		12□C□□	14□C□□	19□C□□
GKS09...	o_5	243		282
	o_6	533		
GKS11...	o_5	258		304
	o_6	626		630
GKS14...	o_5			343
	o_6			739

[1] Connector/terminal box position 4 is not permitted.



GKS□□-3S HAR/HBR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS04...	14	15		17	18	19	21							
GKS05...	23		24	25	26	27	29			32			35	
GKS06...	38		39	40	41	42	44	43		46			49	
GKS07...				66	67	68	70	69		73			76	
GKS09...								119		122			125	

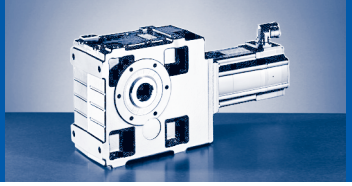
	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS06...	48		53		58		63							
GKS07...	75		79		84		89		91		98		108	
GKS09...	124		129		133		138		140		147		157	
GKS11...	224		229		233		238		239		246		256	
GKS14...									409		416		426	

GKS□□-4S HAR/HBR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS05...	25		26	28	29	30	32							
GKS06...	42		43	45	46	47	49							
GKS07...	71		72	73	74	75	77			80			83	
GKS09...	125		126	127	128	129	131	130		133			137	
GKS11...				235	236	237	239	238		242			245	
GKS14...								425		428			431	

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS09...	135		140		145		150							
GKS11...	244		249		253		258		261		268		278	
GKS14...	430		435		439		444		446		453		463	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



GKS□□-3A HAR/HBR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS04...	18	23	24						
GKS05...	28	32	34	38		40			
GKS06...	42	46	48	52		54		60	
GKS07...	68	72	74	78		80		86	
GKS09...				126		128		134	
GKS11...				226		228		234	
GKS14...									

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS05...										
GKS06...	63									
GKS07...	88		109		112		126		129	
GKS09...	137		157		160		175		178	
GKS11...	236		256		259		273		276	
GKS14...			427		430		441		445	

GKS□□-4A HAR/HBR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS05...	29	33	35						
GKS06...	46	50	52						
GKS07...	76	80	82	86		88			
GKS09...	129	133	135	139		141		147	
GKS11...	237	241	243	247		249		255	
GKS14...				432		434		440	

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS09...	150									
GKS11...	257		278		282		295		299	
GKS14...	443		463		466		481		484	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values

Additional weights MCS servo motors

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
...P1	0.3			0.8				0.9						
...P2				0.5				1.2						
...SCS/SCM/SRM/SRS ...ECN/EQN	0.4			0.2				0.3						

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
...P1	1.9								1.5					
...P2	3.1										4.3			
...SCS/SCM/SRM/SRS ...ECN/EQN	0.3													

Additional weights MCA servo motors

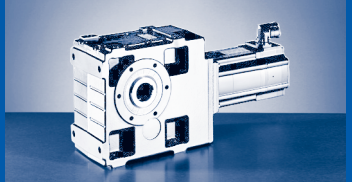
	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
...P1/P5								2.4	
...P2/P6	0.8	1.4		1.5					
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.3	0.5		0.6				0.7	

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
...P1/P5	2.4		4.8				5.0			
...P2/P6										
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.7		1.0				1.1			

Additional weights gearbox

	Solid shaft	2nd output shaft end	Hollow shaft with shrink disc	Flange	Casing foot torque plate	Threaded hole circle torque plate
	V□□	V□□	S□□	□□K		
GKS04...	0.6	0.2	0.6	2.5	1.3	0.9
GKS05...	1	0.3	0.8	4	2.2	1.3
GKS06...	2.5	0.8	1	7	3.7	2.1
GKS07...	5	1.5	1.5	11	6.6	3.7
GKS09...	8	2.7	3	16	13	
GKS11...	16	6.3	5	24	23	
GKS14...	33	12	11	33	44	

Weights in [kg]

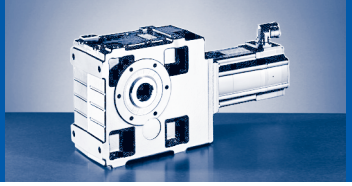


► $i_g = z_g / z_t$

	i	z_g	z_t
GKS04-3	5.123	67620	13200
	7.025	77280	11000
	8.167	73500	9000
	8.991	83076	9240
	9.836	108192	11000
	11.730	77420	6600
	13.067	78400	6000
	14.333	90300	6300
	16.087	88480	5500
	17.920	89600	5000
	20.588	95116	4620
	22.522	123872	5500
	25.088	125440	5000
	28.727	132720	4620
	32.000	134400	4200
	35.191	139356	3960
	39.200	141120	3600
	44.240	145992	3300
	50.943	168112	
	56.976	150416	2640
	64.978	180120	2772
	72.210	174748	2420
	79.598	189126	2376
	90.491	179172	1980
	100.067	198132	
	111.467	200640	1800
	128.874	204136	1584
	143.556	206720	1440
	163.332	237158	1452
	181.939	240160	1320
	204.682	243162	1188
	228.000	246240	1080
	269.660	249166	924
	300.381	252320	840
GKS05-3	6.863	73500	10710
	9.412	84000	8925
	10.569	80850	7650
	11.667	83300	7140
	13.176	117600	8925
	14.494	92400	6375
	16.000	95200	5950
	17.054	86975	5100
	19.216	88200	4590
	23.388	99400	4250
	26.353	100800	3825

► $i_g = z_g / z_t$

	i	z_g	z_t
GKS05-3	29.931	106855	3570
	32.744	139160	4250
	36.894	141120	3825
	41.765	149100	3570
	47.059	151200	3213
	51.162	156555	3060
	57.647	158760	2754
	66.592	203770	3060
	75.033	206640	2754
	82.833	168980	2040
	93.333	171360	1836
	107.196	218680	2040
	120.784	221760	1836
	130.097	221165	1700
	146.588	224280	1530
	166.276	226135	1360
	187.353	229320	1224
	211.200	228096	1080
	227.484	227484	1000
	256.320	230688	900
	290.745	232596	800
	327.600	235872	720
GKS05-4	95.238	8568000	89964
	114.987	8796480	76500
	126.933	9063040	71400
	146.667	9424800	64260
	161.905	9710400	59976
	185.547	9462880	51000
	209.067	9596160	45900
	225.867	10367280	
	236.667	10138800	42840
	289.917	10645740	36720
	326.667	10795680	33048
	364.467	11152680	30600
	410.667	11309760	27540
	469.389	11490640	24480
	510.000	13109040	25704
	528.889	11652480	22032
	594.894	13349420	22440
	670.303	13537440	20196
	820.760	11818944	14400
	924.800	11985408	12960
	1040.215	13730832	13200
	1172.073	13924224	11880
	1303.560	14078448	10800

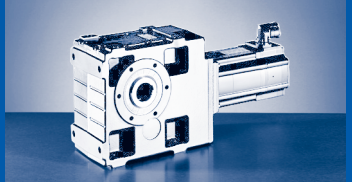


► $i_g = z_g / z_t$

	i	z_g	z_t
GKS05-4	1468.800	14276736	9720
	1717.389	14426064	8400
	1935.086	14629248	7560
GKS06-3	6.485	66150	10200
	9.196	70350	7650
	10.147	72450	7140
	11.382	81270	
	12.612	80400	6375
	14.824	75600	5100
	16.699	76650	4590
	17.809	89010	4998
	20.329	86400	4250
	22.902	87600	3825
	26.017	92880	3570
	28.461	120960	4250
	32.063	122640	3825
	36.303	129600	3570
	41.472	103680	2500
	44.471	136080	3060
	53.074	111456	2100
	57.882	177120	3060
	65.207	179580	2754
	72.000	146880	2040
	81.111	148920	1836
	93.176	190080	2040
	104.967	192720	1836
	113.082	192240	1700
	127.392	194910	1530
	142.941	194400	1360
	161.029	197100	1224
	190.080	228096	1200
	214.133	231264	1080
	230.688	230688	1000
	259.880	233892	900
	291.600	233280	800
	328.500	236520	720
GKS06-4	103.721	7776000	74970
	113.205	10184400	89964
	127.059	8164800	64260
	140.816	8445600	59976
	155.647	8573040	55080
	174.336	11202840	64260
	202.588	11158560	55080
	224.524	11542320	51408
	252.000	9253440	36720

► $i_g = z_g / z_t$

	i	z_g	z_t
GKS06-4	**279.286**	9571680	34272
	316.800	9694080	30600
	361.429	12386880	34272
	408.000	9987840	24480
	458.067	14390640	31416
	517.091	11603520	22440
	555.927	14554170	26180
	640.800	13072320	20400
	696.668	14922630	21420
	812.137	15186960	18700
	914.907	15397890	16830
	1017.741	15571440	15300
	1146.529	15787710	13770
	1340.834	15955920	11900
	1510.507	16177530	10710
GKS07-3	**5.955**	65280	10962
	8.254	74880	9072
	9.171	71808	7830
	10.124	73984	7308
	11.378	107520	9450
	12.711	82368	6480
	14.798	77248	5220
	16.674	78336	4698
	17.270	91392	5292
	20.511	88608	4320
	23.111	89856	3888
	25.244	95424	3780
	28.274	127232	4500
	31.858	129024	4050
	36.063	136320	3780
	40.906	107991	2640
	44.178	143136	3240
	50.345	116298	2310
	57.501	186304	3240
	64.790	188928	2916
	70.474	152224	2160
	79.407	154368	1944
	92.563	199936	2160
	104.296	202752	1944
	112.338	202208	1800
	126.578	205056	1620
	140.548	185523	1320
	158.364	188136	1188
	184.600	243672	1320
	208.000	247104	1188

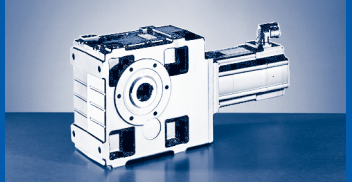


► $i_g = z_g / z_t$

	i	z_g	z_t
GKS07-3	224.037	246441	1100
	252.436	249912	990
	283.193	249210	880
	319.091	252720	792
GKS07-4	103.039	8179200	79380
	112.391	10705920	95256
	126.222	8588160	68040
	137.748	8747520	63504
	154.622	9017568	58320
	179.201	14631424	81648
	201.254	11737152	58320
	222.909	12133376	54432
	246.659	9590112	38880
	273.199	9913856	36288
	321.049	12482368	38880
	358.829	13021184	36288
	399.353	10351232	25920
	464.367	16850944	36288
	516.810	13395712	25920
	563.572	17042432	30240
	636.581	13750144	21600
	683.972	17236096	25200
	823.810	17794304	21600
	928.237	18044928	19440
	999.806	17996512	18000
	1126.542	18249984	16200
	1277.842	18400928	14400
	1439.822	18660096	12960
GKS09-3	12.283	87516	7125
	13.360	88842	6650
	16.122	96492	5985
	17.536	97954	5586
	19.541	92820	4750
	22.022	94146	4275
	25.649	102340	3990
	29.228	133280	4560
	32.940	135184	4104
	35.193	140420	3990
	39.662	142426	3591
	43.146	147560	3420
	48.625	149668	3078
	58.456	199920	3420
	65.879	202776	3078
	70.982	161840	2280
	79.996	164152	2052

► $i_g = z_g / z_t$

	i	z_g	z_t
GKS09-3	91.860	209440	2280
	103.524	212432	2052
	111.484	211820	1900
	125.641	214846	1710
	140.921	214200	1520
	158.816	217260	1368
	182.000	240240	1320
	205.111	243672	1188
	220.882	242970	1100
	248.930	246441	990
	279.205	245700	880
	314.659	249210	792
GKS09-4	100.551	8425200	83790
	113.320	8545560	75411
	123.275	8853600	71820
	138.929	8980080	64638
	151.012	9296280	61560
	170.188	9429084	55404
	204.596	12594960	61560
	230.577	12774888	55404
	248.439	10195920	41040
	279.986	10341576	36936
	323.365	13270880	41040
	364.427	13460464	36936
	402.234	11005120	27360
	453.311	11162336	24624
	520.538	14241920	27360
	586.638	14445376	24624
	631.744	14403760	22800
	711.965	14609528	20520
	817.551	18640160	22800
	921.367	18906448	20520
	992.209	18851980	19000
	1118.204	19121294	17100
	1254.197	19063800	15200
	1413.461	19336140	13680
GKS11-3	12.094	95238	7875
	13.154	96681	7350
	15.874	105006	6615
	17.265	106597	6174
	19.515	102453	5250
	21.989	103896	4725
	25.615	112961	4410
	28.021	147112	5250
	31.573	149184	4725

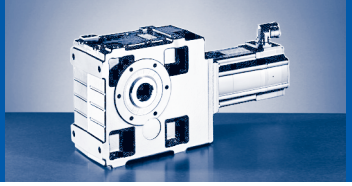


► $i_g = z_g / z_t$

	i	z_g	z_t
GKS11-3	35.741	157620	4410
	40.272	159840	3969
	43.783	165501	3780
	49.333	167832	3402
	57.683	218041	3780
	64.995	221112	3402
	70.887	178636	2520
	79.873	181152	2268
	91.737	231176	2520
	103.365	234432	2268
	111.335	233803	2100
	125.448	237096	1890
	140.732	236430	1680
	158.571	239760	1512
	186.572	268664	1440
	210.222	272448	1296
	226.431	271717	1200
	255.133	275544	1080
	286.219	274770	960
	322.500	278640	864
GKS11-4	102.119	9457200	92610
	115.063	9590400	83349
	125.095	9930060	79380
	140.952	10069920	71442
	153.242	10426563	68040
	172.667	10573416	61236
	201.890	13736583	68040
	227.481	13930056	61236
	248.106	11254068	45360
	279.556	11412576	40824
	322.931	14648152	45360
	363.866	14854464	40824
	395.787	11968612	30240
	445.958	12137184	27216
	512.196	15488792	30240
	577.122	15706944	27216
	621.619	15664801	25200
	700.416	15885432	22680
	816.455	20574664	25200
	919.949	20864448	22680
	990.879	20808467	21000
	1116.484	21101544	18900
	1252.516	21042270	16800
	1411.286	21338640	15120

► $i_g = z_g / z_t$

	i	z_g	z_t
GKS14-3	12.435	102960	8280
	13.525	104520	7728
	16.646	112560	6762
	18.311	147400	8050
	20.065	110760	5520
	22.609	112320	4968
	24.696	119280	4830
	27.165	156200	5750
	30.609	158400	5175
	34.692	167560	4830
	39.089	169920	4347
	42.531	176080	4140
	47.923	178560	3726
	56.251	232880	4140
	63.382	236160	3726
	68.942	190280	2760
	77.681	192960	2484
	90.551	249920	2760
	102.029	253440	2484
	109.896	252760	2300
	123.826	256320	2070
	138.913	255600	1840
	156.522	259200	1656
	186.572	268664	1440
	210.222	272448	1296
	226.431	271717	1200
	255.133	275544	1080
	286.219	274770	960
	322.500	278640	864
GKS14-4	97.467	9886040	101430
	109.822	10025280	91287
	119.493	10388720	86940
	134.640	10535040	78246
	158.039	13739920	86940
	178.072	13933440	78246
	193.754	14438560	74520
	218.315	14641920	67068
	237.467	11797360	49680
	267.568	11963520	44712
	321.729	15983520	49680
	362.512	16208640	44712
	390.671	12939040	33120
	440.193	13121280	29808
	513.121	16994560	33120
	578.164	17233920	29808



► $i_g = z_g / z_t$

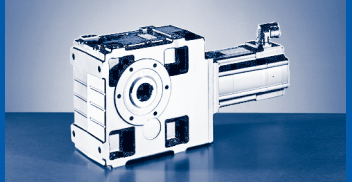
	i	z_g	z_t
GKS14-4	**622.742**	17187680	27600
	701.681	17429760	24840
	805.901	22242880	27600
	908.058	22556160	24840
	978.071	22495640	23000
	1102.052	22812480	20700
	1236.326	22748400	18400
	1393.043	23068800	16560

$M_{2\,GN} \leq 187$ Nm

GKS04-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
5.123	81	1.17	M_2				11	15	18	22
			c				5.2	3.9	3.1	2.6
			$n_{2\,Eck}$				791	732	791	791
			$n_{2\,th}$				708	674	646	625
7.025	93	0.68	M_2				15	20	25	30
			c				4.3	3.3	2.6	2.2
			$n_{2\,Eck}$				577	534	577	577
			$n_{2\,th}$				554	529	508	493
8.167	128	0.86	M_2				17	23	29	34
			c				5.2	3.9	3.1	2.6
			$n_{2\,Eck}$				496	459	496	496
			$n_{2\,th}$				444	423	405	392
8.991	103	0.44	M_2			12	19	26	32	38
			c			5.8	3.8	2.9	2.3	1.9
			$n_{2\,Eck}$			451	451	417	451	451
			$n_{2\,th}$			450	450	417	450	440
9.836	106	0.38	M_2			13	21	28	35	42
			c			5.5	3.6	2.7	2.2	1.8
			$n_{2\,Eck}$			412	412	381	412	412
			$n_{2\,th}$			412	412	381	412	406
11.730	180	0.73	M_2				25	34	41	49
			c				5.0	3.8	3.1	2.6
			$n_{2\,Eck}$				345	320	345	345
			$n_{2\,th}$				308	293	281	271
13.067	165	0.70	M_2				28	38	46	55
			c				4.2	3.2	2.5	2.1
			$n_{2\,Eck}$				310	287	310	310
			$n_{2\,th}$				267	254	242	234
14.333	164	0.35	M_2			19	30	41	51	61
			c			5.8	3.8	2.9	2.3	1.9
			$n_{2\,Eck}$			283	283	262	283	283
			$n_{2\,th}$			283	283	262	283	276
16.087	181	0.44	M_2			22	34	46	57	68
			c			5.7	3.7	2.8	2.2	1.9
			$n_{2\,Eck}$			252	252	233	252	252
			$n_{2\,th}$			252	236	225	216	206
17.920	166	0.43	M_2		19	25	38	52	64	76
			c		5.8	4.7	3.1	2.3	1.8	1.6
			$n_{2\,Eck}$		226	226	226	209	226	226
			$n_{2\,th}$		226	220	205	195	183	169
20.588	182	0.30	M_2		22	28	44	60	74	88
			c		5.6	4.5	2.9	2.2	1.8	1.5
			$n_{2\,Eck}$		197	197	197	182	197	197
			$n_{2\,th}$		197	197	197	182	183	168
22.522	182	0.26	M_2		25	31	48	66	81	96
			c		5.1	4.1	2.7	2.0	1.6	1.4
			$n_{2\,Eck}$		180	180	180	167	180	180
			$n_{2\,th}$		180	180	180	167	167	154
25.088	167	0.25	M_2		28	35	54	73	90	107
			c		4.2	3.4	2.2	1.7	1.3	1.1
			$n_{2\,Eck}$		161	161	161	150	161	161
			$n_{2\,th}$		161	161	161	149	137	128

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 187$ Nm

GKS04-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
28.727	183	0.18	M_2		32	40	62	84	103	123
			c		4.0	3.2	2.1	1.6	1.3	1.1
			$n_{2\,Eck}$		141	141	141	131	141	141
			$n_{2\,th}$		141	141	141	131	135	127
32.000	167	0.18	M_2		36	45	69	94	115	
			c		3.3	2.6	1.7	1.3	1.0	
			$n_{2\,Eck}$		127	127	127	117	127	
			$n_{2\,th}$		127	127	127	117	113	
35.191	183	0.14	M_2		39	49	76	103	127	
			c		3.3	2.6	1.7	1.3	1.0	
			$n_{2\,Eck}$		115	115	115	107	115	
			$n_{2\,th}$		115	115	115	107	115	
39.200	168	0.13	M_2	21	44	55	85	115		
			c	5.4	2.7	2.2	1.4	1.1		
			$n_{2\,Eck}$	103	103	103	103	96		
			$n_{2\,th}$	103	103	103	103	96		
44.240	185	0.09	M_2	24	49	62				
			c	6.0	3.0	2.4				
			$n_{2\,Eck}$	92	92	92				
			$n_{2\,th}$	92	92	92				
50.943	182	0.18	M_2	28	57	72	111	150		
			c	5.1	2.6	2.1	1.3	1.0		
			$n_{2\,Eck}$	80	80	80	80	74		
			$n_{2\,th}$	80	80	80	68	61		
56.976	187	0.06	M_2	31	64	80				
			c	4.7	2.4	1.9				
			$n_{2\,Eck}$	71	71	71				
			$n_{2\,th}$	71	71	71				
64.978	183	0.13	M_2	36	73	92	142			
			c	4.0	2.0	1.6	1.1			
			$n_{2\,Eck}$	62	62	62	62			
			$n_{2\,th}$	62	62	62	56			
79.598	183	0.10	M_2	44	90	113				
			c	3.3	1.7	1.3				
			$n_{2\,Eck}$	51	51	51				
			$n_{2\,th}$	51	51	51				
100.067	185	0.07	M_2	56	114	142				
			c	2.7	1.3	1.1				
			$n_{2\,Eck}$	41	41	41				
			$n_{2\,th}$	40	40	40				
111.467	170	0.07	M_2	63	127					
			c	2.4	1.2					
			$n_{2\,Eck}$	36	36					
			$n_{2\,th}$	36	36					
128.874	187	0.05	M_2	72	147					
			c	2.3	1.2					
			$n_{2\,Eck}$	31	31					
			$n_{2\,th}$	31	31					
143.556	172	0.05	M_2	81						
			c	1.9						
			$n_{2\,Eck}$	28						
			$n_{2\,th}$	28						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

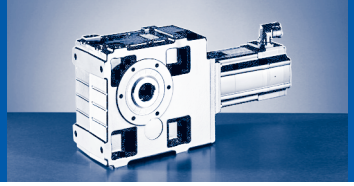
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 331$ Nm

GKS05-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
6.863	147	1.90	M_2					19	24	29
			c					5.4	4.3	3.6
			$n_{2\,Eck}$					546	590	590
			$n_{2\,th}$					446	427	413
9.412	165	1.17	M_2				20	27	33	39
			c				5.8	4.4	3.5	2.9
			$n_{2\,Eck}$				430	398	430	430
			$n_{2\,th}$				385	366	351	339
10.569	227	1.60	M_2					30	37	44
			c					5.4	4.3	3.6
			$n_{2\,Eck}$					355	383	383
			$n_{2\,th}$					289	277	268
11.667	251	1.65	M_2					33	41	48
			c					5.4	4.3	3.6
			$n_{2\,Eck}$					321	347	347
			$n_{2\,th}$					262	251	243
13.176	165	0.71	M_2				28	38	47	56
			c				4.1	3.1	2.5	2.1
			$n_{2\,Eck}$				307	285	307	307
			$n_{2\,th}$				292	279	268	260
14.494	254	1.05	M_2				30	41	51	61
			c				5.8	4.4	3.5	2.9
			$n_{2\,Eck}$				279	259	279	279
			$n_{2\,th}$				250	238	228	220
16.000	280	1.04	M_2				33	45	56	67
			c				5.8	4.4	3.5	2.9
			$n_{2\,Eck}$				253	234	253	253
			$n_{2\,th}$				226	215	206	200
17.054	314	1.51	M_2					48	60	71
			c					4.6	3.7	3.1
			$n_{2\,Eck}$					220	238	238
			$n_{2\,th}$					174	166	161
19.216	297	1.47	M_2				40	55	68	81
			c				5.1	3.9	3.1	2.6
			$n_{2\,Eck}$				211	195	211	211
			$n_{2\,th}$				157	149	143	138
23.388	329	0.96	M_2				49	67	83	99
			c				4.6	3.5	2.8	2.4
			$n_{2\,Eck}$				173	160	173	173
			$n_{2\,th}$				149	141	135	131
26.353	298	0.95	M_2				56	76	94	112
			c				3.7	2.8	2.3	1.9
			$n_{2\,Eck}$				154	142	154	154
			$n_{2\,th}$				127	120	115	109
29.931	330	0.67	M_2			41	64	87	107	127
			c			5.6	3.6	2.8	2.2	1.9
			$n_{2\,Eck}$			135	135	125	135	135
			$n_{2\,th}$			131	122	116	111	105
32.744	331	0.58	M_2			45	70	95	117	139
			c			5.1	3.3	2.5	2.0	1.7
			$n_{2\,Eck}$			124	124	115	124	124
			$n_{2\,th}$			122	113	108	104	96

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 331$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GKS05-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
35	27	64	51	48	88	71	M_2	1.90	147	6.863
3.8	3.8	2.3	2.2	2.3	1.5	1.5	c			
284	590	219	437	514	284	590	$n_{2\,Eck}$			
284	416	219	373	374	284	309	$n_{2\,th}$			
48	38	89	71	66	120	98	M_2	1.17	165	9.412
3.1	3.1	1.8	1.8	1.9	1.3	1.2	c			
207	430	159	319	375	207	430	$n_{2\,Eck}$			
207	342	159	299	301	207	240	$n_{2\,th}$			
54	42	99	79	74	135	110	M_2	1.60	227	10.569
3.8	3.8	2.3	2.2	2.3	1.5	1.5	c			
185	383	142	284	334	185	383	$n_{2\,Eck}$			
185	270	142	242	243	185	201	$n_{2\,th}$			
59	46	109	87	82	149	121	M_2	1.65	251	11.667
3.8	3.8	2.3	2.2	2.3	1.5	1.5	c			
167	347	129	257	302	167	347	$n_{2\,Eck}$			
167	245	129	219	220	167	182	$n_{2\,th}$			
68	53	125	100	94			M_2	0.71	165	13.176
2.2	2.2	1.3	1.3	1.3			c			
148	307	114	228	268			$n_{2\,Eck}$			
148	262	114	212	213			$n_{2\,th}$			
74	58	136	109	102	185	151	M_2	1.05	254	14.494
3.1	3.1	1.8	1.8	1.9	1.3	1.2	c			
135	279	104	207	243	135	279	$n_{2\,Eck}$			
135	222	103	194	195	135	156	$n_{2\,th}$			
82	64	151	121	113	205	167	M_2	1.04	280	16.000
3.1	3.1	1.8	1.8	1.9	1.3	1.2	c			
122	253	94	188	220	122	253	$n_{2\,Eck}$			
122	201	94	176	177	122	141	$n_{2\,th}$			
87	68	160	128	120	218	178	M_2	1.51	314	17.054
3.2	3.2	1.9	1.9	1.9	1.3	1.3	c			
114	238	88	176	207	114	238	$n_{2\,Eck}$			
114	162	88	144	145	114	115	$n_{2\,th}$			
99	77	181	145	136	246	201	M_2	1.47	297	19.216
2.7	2.7	1.6	1.6	1.6	1.1	1.1	c			
102	211	78	156	183	102	211	$n_{2\,Eck}$			
101	139	78	116	116	96	94	$n_{2\,th}$			
120	94	221	177	166	300		M_2	0.96	329	23.388
2.5	2.5	1.5	1.5	1.5	1.0		c			
83	173	64	128	151	83		$n_{2\,Eck}$			
83	132	64	107	107	83		$n_{2\,th}$			
136	107	250	200	187			M_2	0.95	298	26.353
2.0	2.0	1.2	1.2	1.2			c			
74	154	57	114	134			$n_{2\,Eck}$			
74	112	57	85	85			$n_{2\,th}$			
155	121	284	227	213			M_2	0.67	330	29.931
1.9	1.9	1.2	1.2	1.2			c			
65	135	50	100	118			$n_{2\,Eck}$			
65	108	50	84	85			$n_{2\,th}$			
170	133	311	249	233			M_2	0.58	331	32.744
1.8	1.8	1.1	1.1	1.1			c			
60	124	46	92	108			$n_{2\,Eck}$			
60	98	46	79	79			$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

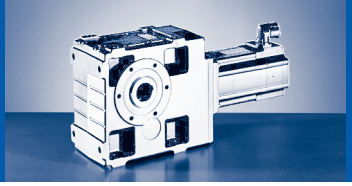
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 331$ Nm

GKS05-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
36.894	302	0.58	M_2		40	51	79	107	132	157
			c		5.2	4.1	2.7	2.1	1.6	1.4
			$n_{2\,Eck}$		110	110	110	102	110	110
			$n_{2\,th}$		108	104	97	92	83	77
41.765	331	0.42	M_2		46	58	90	122	150	178
			c		5.0	4.0	2.6	2.0	1.6	1.3
			$n_{2\,Eck}$		97	97	97	90	97	97
			$n_{2\,th}$		97	97	97	90	86	79
47.059	304	0.41	M_2		52	65	101	137	169	201
			c		4.6	3.7	2.4	1.8	1.5	1.2
			$n_{2\,Eck}$		86	86	86	80	86	86
			$n_{2\,th}$		86	86	86	80	74	68
51.162	331	0.32	M_2		56	71	110	149	184	218
			c		4.6	3.7	2.4	1.8	1.5	1.2
			$n_{2\,Eck}$		79	79	79	73	79	79
			$n_{2\,th}$		79	79	79	73	76	71
57.647	307	0.32	M_2		64	80	125	169	208	246
			c		3.8	3.1	2.0	1.5	1.2	1.0
			$n_{2\,Eck}$		70	70	70	65	70	70
			$n_{2\,th}$		70	70	70	65	62	59
66.592	331	0.20	M_2		74	93	144	195	240	
			c		3.6	2.9	1.9	1.4	1.1	
			$n_{2\,Eck}$		61	61	61	56	61	
			$n_{2\,th}$		61	61	61	56	61	
75.033	310	0.20	M_2	41	84	105	163	221		
			c	5.9	3.0	2.4	1.5	1.2		
			$n_{2\,Eck}$	54	54	54	54	50		
			$n_{2\,th}$	54	54	54	54	50		
82.833	331	0.14	M_2	45	93	116	180	244		
			c	5.7	2.9	2.3	1.5	1.1		
			$n_{2\,Eck}$	49	49	49	49	45		
			$n_{2\,th}$	49	49	49	49	45		
93.333	315	0.14	M_2	51	105	132	203			
			c	4.8	2.4	1.9	1.3			
			$n_{2\,Eck}$	43	43	43	43			
			$n_{2\,th}$	43	43	43	43			
107.196	331	0.09	M_2	59	121	151				
			c	4.4	2.2	1.8				
			$n_{2\,Eck}$	38	38	38				
			$n_{2\,th}$	38	38	38				
120.784	315	0.09	M_2	67	136	171				
			c	4.1	2.1	1.7				
			$n_{2\,Eck}$	34	34	34				
			$n_{2\,th}$	34	34	34				
130.097	331	0.07	M_2	72	147	184				
			c	4.0	2.0	1.6				
			$n_{2\,Eck}$	31	31	31				
			$n_{2\,th}$	31	31	31				
146.588	315	0.07	M_2	81	166	208				
			c	3.4	1.7	1.4				
			$n_{2\,Eck}$	28	28	28				
			$n_{2\,th}$	28	28	28				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 331$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GKS05-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
192	150						M_2	0.58	302	36.894
1.4	1.4						c			
53	110						$n_{2\,Eck}$			
53	79						$n_{2\,th}$			
217	170						M_2	0.42	331	41.765
1.4	1.4						c			
47	97						$n_{2\,Eck}$			
47	81						$n_{2\,th}$			
245	192						M_2	0.41	304	47.059
1.2	1.3						c			
41	86						$n_{2\,Eck}$			
41	70						$n_{2\,th}$			
267	208						M_2	0.32	331	51.162
1.2	1.3						c			
38	79						$n_{2\,Eck}$			
38	72						$n_{2\,th}$			
301	235						M_2	0.32	307	57.647
1.0	1.1						c			
34	70						$n_{2\,Eck}$			
34	60						$n_{2\,th}$			
							M_2	0.20	331	66.592
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.20	310	75.033
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.14	331	82.833
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.14	315	93.333
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.09	331	107.196
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.09	315	120.784
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.07	331	130.097
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.07	315	146.588
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

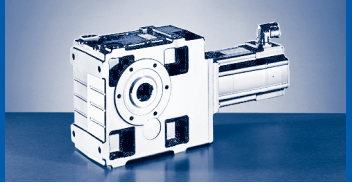
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 331$ Nm

GKS05-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
211.200	314	0.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	119 2.4 19 19	240 1.2 19 19					
227.484	278	0.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	128 1.9 18 18						
256.320	313	0.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	145 1.9 16 16						

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 331$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GKS05-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.08	314	211.200
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.06	278	227.484
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.06	313	256.320

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

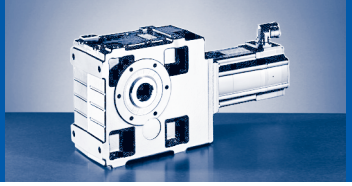
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 331$ Nm

GKS05-4S				06CC41	06FC41	06IC41
				...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50
			n_1	4050	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2
			$I_{M\,400}$	1.3	1.5	1.6
			P_N	0.25	0.51	0.64
			J_M	0.17	0.25	0.33
95.238	167	0.14	M_2	52	106	133
			c	2.6	1.3	1.0
			$n_{2\,Eck}$	43	43	43
			$n_{2\,th}$	43	43	43
114.987	256	0.20	M_2	63	128	160
			c	3.6	1.8	1.4
			$n_{2\,Eck}$	35	35	35
			$n_{2\,th}$	35	35	35
126.933	283	0.20	M_2	69	141	177
			c	3.6	1.8	1.4
			$n_{2\,Eck}$	32	32	32
			$n_{2\,th}$	32	32	32
146.667	256	0.14	M_2	81	164	205
			c	2.8	1.4	1.1
			$n_{2\,Eck}$	28	28	28
			$n_{2\,th}$	28	28	28
161.905	283	0.14	M_2	89	181	226
			c	2.8	1.4	1.1
			$n_{2\,Eck}$	25	25	25
			$n_{2\,th}$	25	25	25
185.547	331	0.20	M_2	102	207	259
			c	2.9	1.4	1.2
			$n_{2\,Eck}$	22	22	22
			$n_{2\,th}$	22	22	22
209.067	315	0.20	M_2	115	234	
			c	2.4	1.2	
			$n_{2\,Eck}$	19	19	
			$n_{2\,th}$	19	19	
225.867	256	0.07	M_2	125		
			c	1.8		
			$n_{2\,Eck}$	18		
			$n_{2\,th}$	18		
236.667	331	0.14	M_2	131	265	
			c	2.3	1.1	
			$n_{2\,Eck}$	17	17	
			$n_{2\,th}$	17	17	
289.917	331	0.11	M_2	161		
			c	1.8		
			$n_{2\,Eck}$	14		
			$n_{2\,th}$	14		
326.667	315	0.11	M_2	182		
			c	1.6		
			$n_{2\,Eck}$	12		
			$n_{2\,th}$	12		
364.467	331	0.07	M_2	203		
			c	1.4		
			$n_{2\,Eck}$	11		
			$n_{2\,th}$	11		
410.667	315	0.07	M_2	229		
			c	1.2		
			$n_{2\,Eck}$	10		
			$n_{2\,th}$	10		

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 331$ Nm

GKS05-4S				06CC41	06FC41	06IC41
				...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50
			n_1	4050	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2
			$I_{M\,400}$	1.3	1.5	1.6
			P_N	0.25	0.51	0.64
			J_M	0.17	0.25	0.33
469.389	331	0.05	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	263 1.1 9 9		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

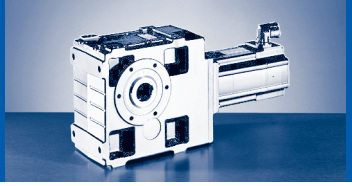
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 702$ Nm

GKS06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
6.485	263	5.87	M_2										59	48
			c										4.3	4.2
			$n_{2\,Eck}$										231	463
			$n_{2\,th}$										231	381
9.196	373	5.05	M_2										84	67
			c										4.3	4.2
			$n_{2\,Eck}$										163	326
			$n_{2\,th}$										163	269
10.147	412	4.86	M_2										93	74
			c										4.3	4.2
			$n_{2\,Eck}$										148	296
			$n_{2\,th}$										148	244
11.382	331	2.49	M_2						39	47	57	44	106	85
			c						5.8	4.9	5.1	5.1	3.1	3.0
			$n_{2\,Eck}$						356	356	171	356	132	264
			$n_{2\,th}$						309	300	171	302	132	264
12.612	426	3.20	M_2								62	49	117	93
			c								5.9	5.9	3.6	3.5
			$n_{2\,Eck}$								155	321	119	238
			$n_{2\,th}$								155	243	119	219
14.824	600	4.29	M_2										136	109
			c										4.3	4.2
			$n_{2\,Eck}$										101	202
			$n_{2\,th}$										101	167
16.699	604	4.16	M_2										154	123
			c										3.8	3.8
			$n_{2\,Eck}$										90	180
			$n_{2\,th}$										90	144
17.809	518	2.13	M_2						61	73	89	70	165	132
			c						5.8	4.9	5.1	5.1	3.1	3.0
			$n_{2\,Eck}$						227	227	110	227	84	169
			$n_{2\,th}$						198	192	109	193	84	168
20.329	665	2.79	M_2								101	79	188	151
			c								5.7	5.8	3.5	3.4
			$n_{2\,Eck}$								96	199	74	148
			$n_{2\,th}$								96	150	74	135
22.902	606	2.73	M_2								115	90	213	171
			c								4.6	4.7	2.8	2.8
			$n_{2\,Eck}$								85	177	66	131
			$n_{2\,th}$								85	128	66	115
26.017	679	1.94	M_2						90	107	131	102	243	194
			c						5.2	4.4	4.6	4.6	2.8	2.7
			$n_{2\,Eck}$						156	156	75	156	58	115
			$n_{2\,th}$						133	128	75	130	58	115
28.461	682	1.67	M_2					79	99	118	144	112	266	213
			c					6.0	4.8	4.0	4.2	4.2	2.5	2.5
			$n_{2\,Eck}$					132	142	142	69	142	53	105
			$n_{2\,th}$					128	123	119	69	120	53	105
32.063	610	1.63	M_2					91	112	134	163	128	301	241
			c					4.8	3.8	3.2	3.3	3.4	2.0	2.0
			$n_{2\,Eck}$					117	126	126	61	126	47	94
			$n_{2\,th}$					109	105	101	61	102	47	92

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 702$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS06-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
45	82	66	55	45	97	85	140	105	184	129	M_2	5.87	263	6.485
4.3	2.9	2.8	4.6	4.3	2.7	2.4	1.9	1.9	1.4	1.6	c			
544	301	625	231	555	231	497	231	497	208	497	$n_{2\,Eck}$			
382	301	348	231	381	231	335	231	317	208	282	$n_{2\,th}$			
63	116	94	77	63	137	121	199	149	261	182	M_2	5.05	373	9.196
4.3	2.9	2.8	4.6	4.3	2.7	2.4	1.9	1.9	1.4	1.6	c			
383	212	440	163	392	163	351	163	351	147	351	$n_{2\,Eck}$			
269	212	246	163	269	163	236	163	223	147	199	$n_{2\,th}$			
70	128	104	85	70	152	133	220	164	288	201	M_2	4.86	412	10.147
4.3	2.9	2.8	4.6	4.3	2.7	2.4	1.9	1.9	1.4	1.6	c			
347	192	399	148	355	148	318	148	318	133	318	$n_{2\,Eck}$			
244	192	222	148	244	148	214	148	202	133	180	$n_{2\,th}$			
79	144	118	97	79	171	150	248	185	324	227	M_2	2.49	331	11.382
3.1	2.1	2.0	3.3	3.1	1.9	1.7	1.3	1.4	1.0	1.1	c			
310	171	356	132	316	132	283	132	283	119	283	$n_{2\,Eck}$			
274	171	249	132	273	132	227	132	203	119	183	$n_{2\,th}$			
87	159	130	107	87	189	166	274	205	359	251	M_2	3.20	426	12.612
3.6	2.4	2.3	3.9	3.5	2.2	2.0	1.6	1.6	1.2	1.3	c			
280	155	321	119	286	119	256	119	256	107	256	$n_{2\,Eck}$			
220	155	200	119	219	119	193	119	171	107	154	$n_{2\,th}$			
102	186	152	125	102	221	194	321	240	421	294	M_2	4.29	600	14.824
4.3	2.9	2.8	4.6	4.3	2.7	2.4	1.9	1.9	1.4	1.6	c			
238	132	273	101	243	101	218	101	218	91	218	$n_{2\,Eck}$			
167	132	152	101	167	101	147	101	138	91	123	$n_{2\,th}$			
115	211	172	141	115	250	219	362	271	475	332	M_2	4.16	604	16.699
3.8	2.6	2.5	4.1	3.8	2.4	2.1	1.7	1.7	1.3	1.4	c			
211	117	243	90	216	90	193	90	193	81	193	$n_{2\,Eck}$			
145	117	132	90	145	90	127	90	115	81	103	$n_{2\,th}$			
124	226	184	152	124	268	235	388	290	507	355	M_2	2.13	518	17.809
3.1	2.1	2.0	3.3	3.1	1.9	1.7	1.3	1.4	1.0	1.1	c			
198	110	227	84	202	84	181	84	181	76	181	$n_{2\,Eck}$			
175	109	159	84	175	84	145	84	130	76	117	$n_{2\,th}$			
141	257	210	173	141	305	268	442	330	578	404	M_2	2.79	665	20.329
3.5	2.3	2.3	3.8	3.4	2.2	1.9	1.5	1.6	1.2	1.3	c			
173	96	199	74	177	74	159	74	159	66	159	$n_{2\,Eck}$			
135	96	123	74	135	74	117	74	104	66	94	$n_{2\,th}$			
160	291	237	196	160	345	303	499	373		457	M_2	2.73	606	22.902
2.8	1.9	1.8	3.0	2.8	1.7	1.5	1.2	1.3		1.0	c			
154	85	177	66	157	66	141	66	141		141	$n_{2\,Eck}$			
115	85	101	66	115	66	92	66	83		76	$n_{2\,th}$			
182	331	270	223	182	392	344	567	424		519	M_2	1.94	679	26.017
2.8	1.9	1.8	3.0	2.7	1.7	1.5	1.2	1.2		1.0	c			
136	75	156	58	138	58	124	58	124		124	$n_{2\,Eck}$			
117	75	103	58	117	58	94	58	84		76	$n_{2\,th}$			
199	362	295	244	200	430	377	621	464			M_2	1.67	682	28.461
2.5	1.7	1.7	2.7	2.5	1.6	1.4	1.1	1.1			c			
124	69	142	53	127	53	113	53	113			$n_{2\,Eck}$			
109	69	93	53	109	53	85	53	77			$n_{2\,th}$			
226	410	334	277	226	486	426					M_2	1.63	610	32.063
2.0	1.4	1.3	2.2	2.0	1.3	1.1					c			
110	61	126	47	112	47	101					$n_{2\,Eck}$			
92	61	73	47	92	47	68					$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

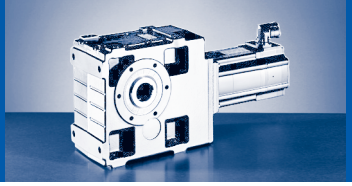
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 702$ Nm

GKS06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
36.303	685	1.18	M_2					103	127	152	185	145	341	273
			c					4.7	3.8	3.2	3.3	3.3	2.0	2.0
			$n_{2\,Eck}$					103	112	112	54	112	41	83
			$n_{2\,th}$					103	102	99	54	100	41	83
41.472	689	2.11	M_2								212	166	391	313
			c								2.9	2.9	1.8	1.7
			$n_{2\,Eck}$								47	98	36	72
			$n_{2\,th}$								47	64	36	54
44.471	689	0.90	M_2				92	126	156	186	228	178	420	335
			c				5.8	4.4	3.5	3.0	3.0	3.1	1.6	1.8
			$n_{2\,Eck}$				91	84	91	91	44	91	34	68
			$n_{2\,th}$				91	84	91	91	44	91	34	67
53.074	695	1.52	M_2				111	152	188	223	273	213	502	401
			c				4.9	3.7	3.0	2.5	2.5	2.6	1.4	1.6
			$n_{2\,Eck}$				76	71	76	76	37	76	28	57
			$n_{2\,th}$				64	61	58	56	37	57	28	46
57.882	695	0.58	M_2				122	166	205	244	298	233	548	438
			c				4.5	3.4	2.7	2.3	2.3	2.4	1.3	1.4
			$n_{2\,Eck}$				70	65	70	70	34	70	26	52
			$n_{2\,th}$				70	65	70	70	34	70	26	52
65.207	624	0.57	M_2			89	139	189	232	276	338	264	619	495
			c			5.5	3.6	2.7	2.2	1.8	1.8	1.9	1.0	1.1
			$n_{2\,Eck}$			62	62	58	62	62	30	62	23	46
			$n_{2\,th}$			62	62	58	62	62	30	62	23	46
72.000	666	0.42	M_2			98								
			c			5.3								
			$n_{2\,Eck}$			56								
			$n_{2\,th}$			56								
72.000	702	0.42	M_2				153	208	257	305	373	291	684	546
			c				3.6	2.8	2.2	1.9	1.9	2.0	1.0	1.2
			$n_{2\,Eck}$				56	52	56	56	27	56	21	42
			$n_{2\,th}$				56	52	56	56	27	56	21	42
81.111	630	0.42	M_2		88	111	174	236	290	345	422	329		
			c		5.6	4.5	2.9	2.2	1.8	1.5	1.5	1.6		
			$n_{2\,Eck}$		50	50	50	46	50	50	24	50		
			$n_{2\,th}$		50	50	50	46	50	50	24	50		
93.176	691	0.26	M_2		101	128								
			c		5.3	4.3								
			$n_{2\,Eck}$		44	44								
			$n_{2\,th}$		43	43								
93.176	702	0.26	M_2				200	271	334	396				
			c				2.8	2.1	1.7	1.4				
			$n_{2\,Eck}$				44	40	44	44				
			$n_{2\,th}$				43	40	43	43				
104.967	635	0.25	M_2		115	146	226	307	377	448				
			c		4.3	3.5	2.3	1.7	1.4	1.2				
			$n_{2\,Eck}$		39	39	39	36	39	39				
			$n_{2\,th}$		39	39	39	36	39	39				
113.082	700	0.19	M_2		124	156								
			c		4.9	3.9								
			$n_{2\,Eck}$		36	36								
			$n_{2\,th}$		36	36								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 702$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS06-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
256	464	378	313	256	550	482					M_2	1.18	685	36.303
2.0	1.4	1.3	2.2	2.0	1.2	1.1					c			
97	54	112	41	99	41	89					$n_{2\,Eck}$			
91	54	74	41	91	41	69					$n_{2\,th}$			
293	531	433	359	293	630						M_2	2.11	689	41.472
1.8	1.2	1.1	1.9	1.7	1.1						c			
85	47	98	36	87	36						$n_{2\,Eck}$			
55	45	44	36	55	36						$n_{2\,th}$			
314	569	464	385	314	676	591					M_2	0.90	689	44.471
1.9	1.2	1.2	1.8	1.9	1.0	1.0					c			
79	44	91	34	81	34	73					$n_{2\,Eck}$			
79	44	68	34	81	34	63					$n_{2\,th}$			
376	680	554	461	376							M_2	1.52	695	53.074
1.6	1.0	1.0	1.5	1.6							c			
66	37	76	28	68							$n_{2\,Eck}$			
47	37	38	28	47							$n_{2\,th}$			
410											M_2	0.58	695	57.882
1.4											c			
61											$n_{2\,Eck}$			
61											$n_{2\,th}$			
464											M_2	0.57	624	65.207
1.2											c			
54											$n_{2\,Eck}$			
54											$n_{2\,th}$			
											M_2	0.42	666	72.000
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
512											M_2	0.42	702	72.000
1.2											c			
49											$n_{2\,Eck}$			
49											$n_{2\,th}$			
											M_2	0.42	630	81.111
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
											M_2	0.26	691	93.176
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
											M_2	0.26	702	93.176
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
											M_2	0.25	635	104.967
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
											M_2	0.19	700	113.082
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

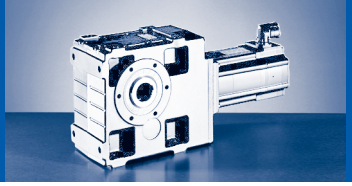
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 702$ Nm

GKS06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
113.082	702	0.19	M_2				243	330	406	482				
			c				2.6	2.0	1.6	1.3				
			$n_{2\,Eck}$				36	33	36	36				
			$n_{2\,th}$				36	33	36	36				
127.392	635	0.19	M_2		141	177	275	373	459	544				
			c		4.0	3.2	2.1	1.6	1.3	1.1				
			$n_{2\,Eck}$		32	32	32	29	32	32				
			$n_{2\,th}$		32	32	32	29	32	32				
142.941	691	0.12	M_2		158	199								
			c		3.8	3.1								
			$n_{2\,Eck}$		28	28								
			$n_{2\,th}$		28	28								
161.029	635	0.12	M_2		179	226								
			c		3.1	2.5								
			$n_{2\,Eck}$		25	25								
			$n_{2\,th}$		25	25								
190.080	702	0.23	M_2	103	212	267	413	559						
			c	5.9	2.9	2.4	1.5	1.2						
			$n_{2\,Eck}$	21	21	21	21	20						
			$n_{2\,th}$	21	21	21	21	20						
214.133	635	0.23	M_2	117	241	302	467							
			c	4.7	2.4	1.9	1.2							
			$n_{2\,Eck}$	19	19	19	19							
			$n_{2\,th}$	19	19	19	19							
230.688	702	0.17	M_2	126	259	325	503							
			c	4.8	2.4	1.9	1.3							
			$n_{2\,Eck}$	18	18	18	18							
			$n_{2\,th}$	18	18	18	18							
259.880	635	0.17	M_2	144	293	368	568							
			c	3.9	1.9	1.6	1.0							
			$n_{2\,Eck}$	16	16	16	16							
			$n_{2\,th}$	16	16	16	16							
291.600	702	0.11	M_2	161	329	413								
			c	3.8	1.9	1.5								
			$n_{2\,Eck}$	14	14	14								
			$n_{2\,th}$	14	14	14								
328.500	635	0.11	M_2	183	372	467								
			c	3.1	1.5	1.2								
			$n_{2\,Eck}$	12	12	12								
			$n_{2\,th}$	12	12	12								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 702$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS06-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.19	702	113.082
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.19	635	127.392
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.12	691	142.941
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.12	635	161.029
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.23	702	190.080
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.23	635	214.133
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.17	702	230.688
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.17	635	259.880
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.11	702	291.600
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.11	635	328.500

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

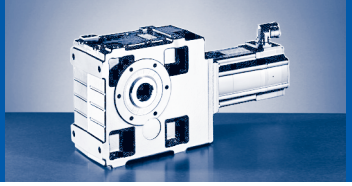
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 702$ Nm

GKS06-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
103.721	685	0.30	M_2		111	141	219	297	366	434
			c		4.8	3.9	2.5	1.9	1.5	1.3
			$n_{2\,Eck}$		39	39	39	36	39	39
			$n_{2\,th}$		39	39	39	36	39	39
113.205	537	0.23	M_2		123	155	241	326	401	476
			c		3.8	3.1	2.0	1.5	1.2	1.0
			$n_{2\,Eck}$		36	36	36	33	36	36
			$n_{2\,th}$		36	36	36	33	36	36
127.059	689	0.26	M_2		137	173	269	365	449	533
			c		4.4	3.5	2.3	1.7	1.4	1.2
			$n_{2\,Eck}$		32	32	32	30	32	32
			$n_{2\,th}$		32	32	32	30	32	32
140.816	537	0.21	M_2		154	194	300	407		
			c		3.1	2.5	1.6	1.2		
			$n_{2\,Eck}$		29	29	29	27		
			$n_{2\,th}$		29	29	29	27		
155.647	689	0.19	M_2		170	214	331	448	551	
			c		3.6	2.9	1.9	1.4	1.1	
			$n_{2\,Eck}$		26	26	26	24	26	
			$n_{2\,th}$		26	26	26	24	26	
174.336	537	0.11	M_2	94	192	242				
			c	5.0	2.5	2.0				
			$n_{2\,Eck}$	23	23	23				
			$n_{2\,th}$	23	23	23				
202.588	695	0.17	M_2	108	223	280	433	586		
			c	5.5	2.8	2.2	1.5	1.1		
			$n_{2\,Eck}$	20	20	20	20	19		
			$n_{2\,th}$	20	20	20	20	19		
224.524	537	0.07	M_2	122	249	313				
			c	3.9	1.9	1.6				
			$n_{2\,Eck}$	18	18	18				
			$n_{2\,th}$	18	18	18				
252.000	702	0.16	M_2	136	279	350	540			
			c	4.5	2.3	1.8	1.2			
			$n_{2\,Eck}$	16	16	16	16			
			$n_{2\,th}$	16	16	16	16			
279.286	537	0.07	M_2	153	311	390				
			c	3.1	1.6	1.2				
			$n_{2\,Eck}$	15	15	15				
			$n_{2\,th}$	15	15	15				
316.800	702	0.10	M_2	173	352	442				
			c	3.6	1.8	1.4				
			$n_{2\,Eck}$	13	13	13				
			$n_{2\,th}$	13	13	13				
361.429	537	0.06	M_2	199	404					
			c	2.4	1.2					
			$n_{2\,Eck}$	11	11					
			$n_{2\,th}$	11	11					
408.000	702	0.07	M_2	224	455	571				
			c	2.8	1.4	1.1				
			$n_{2\,Eck}$	10	10	10				
			$n_{2\,th}$	10	10	10				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 702$ Nm

GKS06-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
640.800	702	0.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	356 1.8 6 6						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

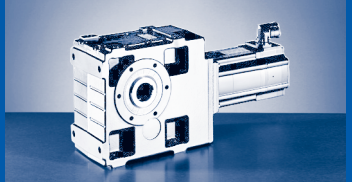
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1330$ Nm

GKS07-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
5.955	471	19.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
8.254	541	11.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
9.171	725	16.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
10.124	800	15.88	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
11.378	515	7.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							104 4.8 132 132	83 4.7 264 257	78 4.8 310 258	142 3.2 171 171	116 3.1 356 236	
11.378	613	7.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
12.711	832	10.16	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
14.798	1040	14.31	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
16.674	1071	13.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
17.270	826	7.26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							157 5.0 87 87	126 5.0 174 165	118 5.1 204 165	216 3.4 113 113	176 3.3 235 151	
17.270	998	7.26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
20.511	1110	9.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
23.111	1168	8.91	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												192 5.8 65 65

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1330$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS07-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
	87	76	127	94	167	116	149	116	224	162	287	179	M_2			
	5.2	4.6	3.6	3.8	2.8	3.1	3.1	3.1	2.1	2.3	1.6	2.1	c	19.30	471	5.955
	252	542	252	542	227	542	239	504	239	504	227	504	$n_{2\,Eck}$			
	252	361	252	345	227	329	239	331	239	305	227	298	$n_{2\,th}$			
	121	107	177	132	232	162	208	162	311	225	398	249	M_2			
	4.3	3.8	3.0	3.1	2.3	2.5	2.6	2.6	1.7	1.9	1.4	1.7	c	11.80	541	8.254
	182	391	182	391	164	391	173	364	173	364	164	364	$n_{2\,Eck}$			
	182	288	182	275	164	263	173	265	173	241	164	227	$n_{2\,th}$			
	133	117	195	145	256	179	230	179	344	249	441	276	M_2			
	5.2	4.6	3.6	3.8	2.8	3.1	3.1	3.1	2.1	2.3	1.6	2.1	c	16.00	725	9.171
	164	352	164	352	147	352	155	327	155	327	147	327	$n_{2\,Eck}$			
	164	234	164	224	147	214	155	215	155	198	147	193	$n_{2\,th}$			
	147	130	215	161	283	198	254	197	380	275	487	304	M_2			
	5.2	4.6	3.6	3.8	2.8	3.1	3.1	3.1	2.1	2.3	1.6	2.1	c	15.88	800	10.124
	148	319	148	319	133	319	141	296	141	296	133	296	$n_{2\,Eck}$			
	148	212	148	203	133	194	141	195	141	180	133	175	$n_{2\,th}$			
													M_2			
													c	7.02	515	11.378
													$n_{2\,Eck}$			
													$n_{2\,th}$			
77	168	148	245	183	321	224	288	224	430	312	551	344	M_2			
5.7	3.6	3.1	2.5	2.6	1.9	2.1	2.1	2.1	1.4	1.6	1.1	1.4	c	7.02	613	11.378
316	132	284	132	284	119	284	125	264	125	264	119	264	$n_{2\,Eck}$			
266	132	237	132	226	119	216	125	194	125	186	119	177	$n_{2\,th}$			
	186	164	272	203	357	249	321	249	479	347	613	383	M_2			
	4.3	3.8	3.0	3.1	2.3	2.5	2.6	2.6	1.7	1.9	1.4	1.7	c	10.16	832	12.711
	118	254	118	254	106	254	112	236	112	236	106	236	$n_{2\,Eck}$			
	118	187	118	179	106	171	112	172	112	157	106	148	$n_{2\,th}$			
	216	190	316	236	415	290	373	290	557	403	713	446	M_2			
	4.6	4.1	3.2	3.3	2.5	2.7	2.7	2.8	1.9	2.0	1.5	1.8	c	14.31	1040	14.798
	101	218	101	218	91	218	96	203	96	203	91	203	$n_{2\,Eck}$			
	101	142	101	135	91	129	96	129	96	119	91	113	$n_{2\,th}$			
	245	215	357	267	469	327	421	327	629	455	805	503	M_2			
	4.2	3.7	2.9	3.1	2.3	2.5	2.5	2.6	1.7	1.9	1.3	1.7	c	13.97	1071	16.674
	90	193	90	193	81	193	86	180	86	180	81	180	$n_{2\,Eck}$			
	90	123	90	117	81	112	85	112	85	101	81	95	$n_{2\,th}$			
													M_2			
													c	7.26	826	17.270
													$n_{2\,Eck}$			
													$n_{2\,th}$			
	255	224	371	277	487	340	437	340	653	472	835	522	M_2			
	3.8	3.4	2.7	2.7	2.0	2.3	2.3	2.3	1.5	1.7	1.2	1.5	c	7.26	998	17.270
	87	187	87	187	78	187	83	174	83	174	78	174	$n_{2\,Eck}$			
	87	152	87	145	78	138	83	128	83	121	78	114	$n_{2\,th}$			
139	303	267	441	330	579	404	520	404	776	562	992	621	M_2			
5.7	3.6	3.2	2.5	2.6	1.9	2.1	2.1	2.2	1.4	1.6	1.1	1.4	c	9.08	1110	20.511
176	73	157	73	157	66	157	70	146	70	146	66	146	$n_{2\,Eck}$			
126	73	111	73	106	66	101	69	102	69	87	66	82	$n_{2\,th}$			
157	343	301	498	372	653	456	587	456	875	634	1119	700	M_2			
5.3	3.3	3.0	2.3	2.4	1.8	2.0	2.0	2.0	1.3	1.5	1.0	1.3	c	8.91	1168	23.111
156	65	140	65	140	58	140	62	130	62	130	58	130	$n_{2\,Eck}$			
110	65	97	65	93	58	88	62	89	62	74	58	70	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

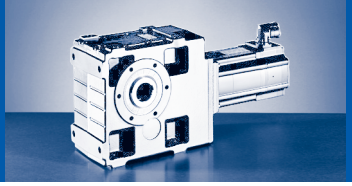
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1330$ Nm

GKS07-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
25.244	1177	6.72	M_2							230	184	172	316	258	211
			c							4.9	4.9	4.9	3.3	3.2	5.3
			$n_{2\,Eck}$							59	119	140	77	160	59
			$n_{2\,th}$							59	112	112	77	103	59
28.274	1202	5.57	M_2							259	207	194	355	289	237
			c							4.5	4.4	4.5	3.0	2.9	4.9
			$n_{2\,Eck}$							53	106	125	69	143	53
			$n_{2\,th}$							53	102	102	69	94	53
31.858	1172	5.47	M_2							293	235	220	402	328	269
			c							3.9	3.8	3.9	2.6	2.5	4.2
			$n_{2\,Eck}$							47	94	111	61	127	47
			$n_{2\,th}$							47	88	88	61	81	47
36.063	1068	3.65	M_2			123	148								
			c			5.9	5.0								
			$n_{2\,Eck}$			112	112								
			$n_{2\,th}$			99	96								
36.063	1290	3.65	M_2							333	266	249	455	371	305
			c							3.8	3.7	3.8	2.6	2.5	4.1
			$n_{2\,Eck}$							42	83	98	54	112	42
			$n_{2\,th}$							42	83	91	54	83	42
40.906	1290	6.93	M_2												348
			c												3.6
			$n_{2\,Eck}$												37
			$n_{2\,th}$												37
44.178	1300	2.78	M_2					220	171	410	327	306	559	455	376
			c					5.6	5.9	3.1	3.5	3.5	2.3	2.3	3.4
			$n_{2\,Eck}$					44	92	34	68	80	44	92	34
			$n_{2\,th}$					44	87	34	68	80	44	73	34
50.345	1300	5.30	M_2					252	197	470	374	351	639	520	431
			c					4.9	5.2	2.7	3.1	3.1	2.0	2.0	3.0
			$n_{2\,Eck}$					39	80	30	60	70	39	80	30
			$n_{2\,th}$					39	57	30	51	51	39	46	30
57.501	1174	1.75	M_2		161	200	238								
			c		5.8	4.6	3.9								
			$n_{2\,Eck}$		65	70	70								
			$n_{2\,th}$		65	70	70								
57.501	1310	1.75	M_2					290	226	538	429	402	731	596	494
			c					4.4	4.6	2.4	2.7	2.7	1.8	1.8	2.6
			$n_{2\,Eck}$					34	70	26	52	61	34	70	26
			$n_{2\,th}$					34	70	26	52	61	34	63	26
64.790	1195	1.73	M_2		182	226	270	329	257	609	486	456	827	674	560
			c		5.2	4.2	3.5	3.5	3.7	1.9	2.2	2.2	1.4	1.4	2.1
			$n_{2\,Eck}$		58	63	63	30	63	23	46	54	30	63	23
			$n_{2\,th}$		58	63	63	30	63	23	46	54	30	50	23
70.474	1230	1.30	M_2		199	246	294								
			c		5.0	4.0	3.3								
			$n_{2\,Eck}$		53	58	58								
			$n_{2\,th}$		53	57	57								
70.474	1320	1.30	M_2					358	280	663	529	495	899	733	608
			c					3.6	3.7	2.0	2.2	2.3	1.5	1.5	2.1
			$n_{2\,Eck}$					28	58	21	43	50	28	58	21
			$n_{2\,th}$					28	57	21	43	50	28	53	21

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1330$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS07-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
172	375	330	545	407	715	499	642	499	957	693		766	M_2	6.72	1177	25.244
4.9	3.1	2.7	2.1	2.2	1.6	1.8	1.8	1.9	1.2	1.3		1.2	c			
143	59	128	59	128	54	128	57	119	57	119		119	$n_{2\,Eck}$			
112	59	99	59	94	53	87	56	88	56	73		70	$n_{2\,th}$			
194	422	370	612	457	802	560	720	560	1073	777		858	M_2	5.57	1202	28.274
4.5	2.8	2.5	2.0	2.0	1.5	1.7	1.7	1.7	1.1	1.2		1.1	c			
127	53	114	53	114	48	114	50	106	50	106		106	$n_{2\,Eck}$			
102	53	90	53	86	48	78	50	78	50	66		63	$n_{2\,th}$			
220	477	419	691	516	905	633	813	632		877			M_2	5.47	1172	31.858
3.9	2.4	2.1	1.7	1.8	1.3	1.4	1.4	1.5		1.1			c			
113	47	101	47	101	42	101	45	94		94			$n_{2\,Eck}$			
88	47	78	47	71	42	64	45	64		55			$n_{2\,th}$			
													M_2	3.65	1068	36.063
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
249	540	474	783	585	1025	716							M_2	3.65	1290	36.063
3.8	2.4	2.1	1.6	1.7	1.3	1.4							c			
100	42	89	42	89	37	89							$n_{2\,Eck}$			
90	42	80	42	72	37	65							$n_{2\,th}$			
284	615	539	889	665	1164	814	1047	814					M_2	6.93	1290	40.906
3.3	2.1	1.8	1.4	1.5	1.1	1.2	1.2	1.3					c			
88	37	79	37	79	33	79	35	73					$n_{2\,Eck}$			
56	37	48	37	43	33	38	35	39					$n_{2\,th}$			
306	665	582	962	717	1258	878							M_2	2.78	1300	44.178
3.5	1.9	2.0	1.4	1.6	1.0	1.3							c			
82	34	73	34	73	31	73							$n_{2\,Eck}$			
79	34	71	34	63	31	58							$n_{2\,th}$			
351	760	664	1098	819		1003	1291	1002					M_2	5.30	1300	50.345
3.1	1.7	1.7	1.2	1.4		1.1	1.0	1.2					c			
72	30	64	30	64		64	28	60					$n_{2\,Eck}$			
51	30	42	30	37		34	28	34					$n_{2\,th}$			
													M_2	1.75	1174	57.501
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
402	869	761	1256	937		1147							M_2	1.75	1310	57.501
2.7	1.5	1.5	1.0	1.2		1.0							c			
63	26	56	26	56		56							$n_{2\,Eck}$			
62	26	56	26	52		48							$n_{2\,th}$			
456	982	860											M_2	1.73	1195	64.790
2.2	1.2	1.2											c			
56	23	50											$n_{2\,Eck}$			
55	23	46											$n_{2\,th}$			
													M_2	1.30	1230	70.474
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
496	1068	935		1151									M_2	1.30	1320	70.474
2.2	1.2	1.2		1.0									c			
51	21	46		46									$n_{2\,Eck}$			
51	21	46		45									$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

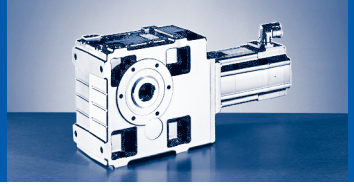
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1330$ Nm

GKS07-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
79.407	1205	1.28	M_2	165	226	279	333	407	317	750	598	561	1016	828	689
			c	5.7	4.3	3.4	2.9	2.9	3.0	1.6	1.8	1.8	1.2	1.2	1.7
			$n_{2\,Eck}$	51	47	51	51	25	51	19	38	44	25	51	19
			$n_{2\,th}$	51	47	51	51	25	51	19	38	44	25	43	19
92.563	1264	0.81	M_2	193	264	327	389								
			c	5.1	3.9	3.1	2.6								
			$n_{2\,Eck}$	44	41	44	44								
			$n_{2\,th}$	44	41	44	44								
92.563	1330	0.81	M_2					475	371	874	698	654	1185	966	
			c					2.8	2.9	1.5	1.7	1.7	1.1	1.1	
			$n_{2\,Eck}$					21	44	16	32	38	21	44	
			$n_{2\,th}$					21	44	16	32	38	21	44	
104.296	1215	0.80	M_2	220	300	370	440	538	420	988	789	740			
			c	4.4	3.3	2.6	2.2	2.2	2.3	1.2	1.4	1.4			
			$n_{2\,Eck}$	39	36	39	39	19	39	14	29	34			
			$n_{2\,th}$	39	36	39	39	19	39	14	29	34			
112.338	1279	0.59	M_2	236	322	398	473								
			c	4.7	3.6	2.9	2.4								
			$n_{2\,Eck}$	36	33	36	36								
			$n_{2\,th}$	36	33	36	36								
112.338	1330	0.59	M_2					579	451	1064	849	795		1173	
			c					2.3	2.6	1.3	1.6	1.6		1.0	
			$n_{2\,Eck}$					17	36	13	27	31		36	
			$n_{2\,th}$					17	36	13	27	31		36	
126.578	1215	0.59	M_2	268	365	450	535	655	511	1202	959	899			
			c	4.0	3.0	2.4	2.0	1.8	2.1	1.0	1.3	1.3			
			$n_{2\,Eck}$	32	30	32	32	15	32	12	24	28			
			$n_{2\,th}$	32	30	32	32	15	32	12	24	28			
140.548	1330	1.11	M_2	298	405	500	594	728	567		1065	999			1227
			c	3.9	3.0	2.4	2.0	1.8	2.1		1.3	1.3			1.1
			$n_{2\,Eck}$	29	27	29	29	14	29		21	25			11
			$n_{2\,th}$	29	27	29	29	14	29		21	25			11
158.364	1215	1.11	M_2	338	459	566	672	823	642		1203	1128			
			c	3.2	2.4	1.9	1.6	1.5	1.7		1.0	1.0			
			$n_{2\,Eck}$	26	24	26	26	12	26		19	22			
			$n_{2\,th}$	26	24	26	25	12	25		19	20			
184.600	1330	0.69	M_2	395	536	661	785	961	749						
			c	3.0	2.3	1.8	1.5	1.4	1.6						
			$n_{2\,Eck}$	22	20	22	22	11	22						
			$n_{2\,th}$	22	20	22	22	11	22						
208.000	1215	0.69	M_2	448	607	747	887	1085	847						
			c	2.4	1.8	1.5	1.2	1.1	1.3						
			$n_{2\,Eck}$	20	18	20	20	9	20						
			$n_{2\,th}$	19	18	19	19	9	19						
224.037	1330	0.51	M_2	482	654	805	955	1169	912						
			c	2.5	1.9	1.5	1.3	1.1	1.3						
			$n_{2\,Eck}$	18	17	18	18	9	18						
			$n_{2\,th}$	18	17	18	18	9	18						
252.436	1215	0.51	M_2	546	739	909	1079		1030						
			c	2.0	1.5	1.2	1.0		1.1						
			$n_{2\,Eck}$	16	15	16	16		16						
			$n_{2\,th}$	16	15	16	16		16						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1330$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS07-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
561		1056											M_2			
1.8		1.0											c	1.28	1205	79.407
45		41											$n_{2\,Eck}$			
45		40											$n_{2\,th}$			
													M_2			
													c	0.81	1264	92.563
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2			
													c	0.81	1330	92.563
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2			
													c	0.80	1215	104.296
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2			
													c	0.59	1279	112.338
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2			
													c	0.59	1330	112.338
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2			
													c	0.59	1215	126.578
													$n_{2\,Eck}$			
													$n_{2\,th}$			
999													M_2			
1.3													c	1.11	1330	140.548
26													$n_{2\,Eck}$			
25													$n_{2\,th}$			
1128													M_2			
1.0													c	1.11	1215	158.364
23													$n_{2\,Eck}$			
20													$n_{2\,th}$			
													M_2			
													c	0.69	1330	184.600
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2			
													c	0.69	1215	208.000
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2			
													c	0.51	1330	224.037
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2			
													c	0.51	1215	252.436
													$n_{2\,Eck}$			
													$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

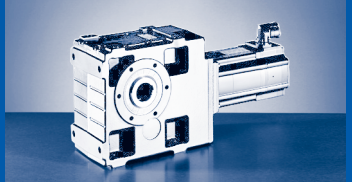
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1330$ Nm

GKS07-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
283.193	1330	0.33	M_2	613	830	1020									
			c	2.0	1.5	1.2									
			$n_{2\,Eck}$	14	13	14									
			$n_{2\,th}$	14	13	14									
319.091	1215	0.33	M_2	693	938										
			c	1.6	1.2										
			$n_{2\,Eck}$	13	12										
			$n_{2\,th}$	13	12										

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1330$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS07-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	1330	283.193
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	1215	319.091

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

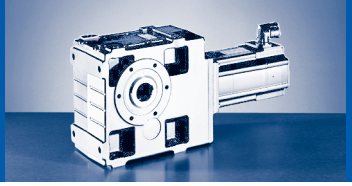
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1330$ Nm

GKS07-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	3525
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
103.039	1290	0.84	M_2				212	290	358	426	521	407	959	765	717
			c				4.8	3.6	2.9	2.4	2.4	2.5	1.3	1.5	1.5
			$n_{2\,Eck}$				39	36	39	39	19	39	15	29	34
			$n_{2\,th}$				39	36	39	39	19	39	15	29	34
112.391	1053	0.63	M_2				234	318	393	467	572	446	1049	837	785
			c				4.0	3.0	2.4	2.0	1.8	2.1	1.0	1.3	1.3
			$n_{2\,Eck}$				36	33	36	36	17	36	13	27	31
			$n_{2\,th}$				36	33	36	36	17	36	13	27	31
126.222	1300	0.73	M_2				261	356	440	523	641	500	1177	939	880
			c				4.3	3.3	2.6	2.2	2.0	2.3	1.1	1.4	1.4
			$n_{2\,Eck}$				32	30	32	32	16	32	12	24	28
			$n_{2\,th}$				32	30	32	32	15	32	12	24	28
137.748	1053	0.57	M_2			185	289	393	484	575	704	549		1029	964
			c			4.9	3.2	2.5	2.0	1.7	1.5	1.7		1.0	1.0
			$n_{2\,Eck}$			29	29	27	29	29	14	29		22	26
			$n_{2\,th}$			29	29	27	29	29	14	29		22	26
154.622	1300	0.53	M_2			206	323	439	542	644	789	615		1153	1081
			c			5.4	3.5	2.7	2.1	1.8	1.6	1.9		1.1	1.1
			$n_{2\,Eck}$			26	26	24	26	26	13	26		19	23
			$n_{2\,th}$			26	26	24	26	26	13	26		19	23
179.201	1053	0.28	M_2		193	243	379	514	632	751					
			c		4.8	3.8	2.5	1.9	1.5	1.3					
			$n_{2\,Eck}$		23	23	23	21	23	23					
			$n_{2\,th}$		23	23	23	21	23	23					
201.254	1310	0.45	M_2		215	272	424	576	709	842	1031	804			
			c		5.3	4.2	2.7	2.1	1.7	1.4	1.3	1.5			
			$n_{2\,Eck}$		20	20	20	19	20	20	10	20			
			$n_{2\,th}$		20	20	20	19	20	20	10	20			
222.909	1053	0.20	M_2		242	305	474	642	789	936					
			c		3.8	3.1	2.0	1.5	1.2	1.0					
			$n_{2\,Eck}$		18	18	18	17	18	18					
			$n_{2\,th}$		18	18	18	17	18	18					
246.659	1320	0.42	M_2		267	336	523	708	872	1035	1266	988			
			c		4.3	3.5	2.3	1.7	1.4	1.2	1.0	1.2			
			$n_{2\,Eck}$		16	16	16	15	16	16	8	16			
			$n_{2\,th}$		16	16	16	15	16	16	8	16			
273.199	1053	0.18	M_2		299	377	583	789							
			c		3.1	2.5	1.6	1.2							
			$n_{2\,Eck}$		15	15	15	14							
			$n_{2\,th}$		15	15	15	14							
321.049	1320	0.26	M_2		351	442	684	926	1139						
			c		3.3	2.7	1.7	1.3	1.1						
			$n_{2\,Eck}$		13	13	13	12	13						
			$n_{2\,th}$		13	13	13	12	13						
358.829	1053	0.17	M_2	193	396	498	769								
			c	4.7	2.4	1.9	1.2								
			$n_{2\,Eck}$	11	11	11	11								
			$n_{2\,th}$	11	11	11	11								
399.353	1320	0.18	M_2	213	439	553	854	1155							
			c	5.3	2.7	2.1	1.4	1.1							
			$n_{2\,Eck}$	10	10	10	10	9							
			$n_{2\,th}$	10	10	10	10	9							

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1330$ Nm

GKS07-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	3525
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
464.367	1053	0.11	M_2	253	516	647									
			c	3.7	1.8	1.5									
			$n_{2\,Eck}$	9	9	9									
			$n_{2\,th}$	9	9	9									
516.810	1320	0.11	M_2	280	572	719									
			c	4.1	2.1	1.7									
			$n_{2\,Eck}$	8	8	8									
			$n_{2\,th}$	8	8	8									
563.572	1053	0.10	M_2	309	628	788									
			c	3.0	1.5	1.2									
			$n_{2\,Eck}$	7	7	7									
			$n_{2\,th}$	7	7	7									
636.581	1330	0.16	M_2	348	708	888									
			c	3.4	1.7	1.4									
			$n_{2\,Eck}$	6	6	6									
			$n_{2\,th}$	6	6	6									
683.972	1053	0.07	M_2	377	764										
			c	2.5	1.2										
			$n_{2\,Eck}$	6	6										
			$n_{2\,th}$	6	6										
823.810	1330	0.10	M_2	454	920	1153									
			c	2.6	1.3	1.0									
			$n_{2\,Eck}$	5	5	5									
			$n_{2\,th}$	5	5	5									
928.237	1215	0.10	M_2	514	1039										
			c	2.1	1.1										
			$n_{2\,Eck}$	4	4										
			$n_{2\,th}$	4	4										
999.806	1330	0.07	M_2	553	1119										
			c	2.2	1.1										
			$n_{2\,Eck}$	4	4										
			$n_{2\,th}$	4	4										
1126.542	1215	0.07	M_2	626											
			c	1.7											
			$n_{2\,Eck}$	4											
			$n_{2\,th}$	4											

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

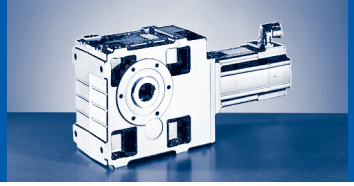
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
12.283	1615	34.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
13.360	1757	33.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
16.122	1506	22.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
16.122	1801	22.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
17.536	1638	22.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
17.536	1958	22.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
19.541	2570	30.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
22.022	2672	29.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
25.649	2396	20.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
25.649	2862	20.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
29.228	2500	15.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										423 5.6 51 51
29.228	2914	15.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
32.940	2818	15.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										476 5.6 46 46

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS09-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
					301	234	455	328	584	364	M_2	34.20	1615	12.283
					5.1	5.2	3.5	3.8	2.7	3.4	c			
					116	244	116	244	110	244	$n_{2\,Eck}$			
					116	166	116	155	110	152	$n_{2\,th}$			
					328	255	494	357	636	396	M_2	33.40	1757	13.360
					5.1	5.2	3.5	3.8	2.7	3.4	c			
					107	225	107	225	101	225	$n_{2\,Eck}$			
					107	153	107	143	101	139	$n_{2\,th}$			
204	340	254	448	313							M_2	22.60	1506	16.122
5.4	4.3	4.4	3.3	3.6							c			
200	93	200	84	200							$n_{2\,Eck}$			
145	93	139	84	133							$n_{2\,th}$			
					399	310	600	434	770	480	M_2	22.60	1801	16.122
					4.4	4.4	2.9	3.2	2.3	2.9	c			
					88	186	88	186	84	186	$n_{2\,Eck}$			
					88	137	88	130	84	127	$n_{2\,th}$			
222	370	276	488	340							M_2	22.20	1638	17.536
5.4	4.3	4.4	3.3	3.6							c			
184	86	184	77	184							$n_{2\,Eck}$			
133	86	128	77	122							$n_{2\,th}$			
					434	337	653	472	838	522	M_2	22.20	1958	17.536
					4.4	4.4	2.9	3.2	2.3	2.9	c			
					81	171	81	171	77	171	$n_{2\,Eck}$			
					81	126	81	119	77	117	$n_{2\,th}$			
					479	372	723	522	930	579	M_2	30.60	2570	19.541
					5.1	5.2	3.5	3.8	2.7	3.4	c			
					73	154	73	154	69	154	$n_{2\,Eck}$			
					73	105	73	97	69	95	$n_{2\,th}$			
					543	422	817	591	1050	654	M_2	29.90	2672	22.022
					4.7	4.8	3.2	3.5	2.5	3.2	c			
					65	136	65	136	61	136	$n_{2\,Eck}$			
					65	91	65	85	61	83	$n_{2\,th}$			
325	541	404	713	497							M_2	20.50	2396	25.649
5.4	4.3	4.4	3.3	3.6							c			
126	59	126	53	126							$n_{2\,Eck}$			
91	58	87	53	84							$n_{2\,th}$			
					635	493	955	690	1225	764	M_2	20.50	2862	25.649
					4.4	4.4	2.9	3.2	2.3	2.9	c			
					56	117	56	117	53	117	$n_{2\,Eck}$			
					56	86	56	81	53	80	$n_{2\,th}$			
372	619	462	815	569							M_2	15.90	2500	29.228
5.0	3.9	4.1	3.0	3.3							c			
110	51	110	46	110							$n_{2\,Eck}$			
86	51	82	46	79							$n_{2\,th}$			
					727	565	1092	789	1400	873	M_2	15.90	2914	29.228
					3.9	4.0	2.6	2.9	2.1	2.6	c			
					49	103	49	103	46	103	$n_{2\,Eck}$			
					49	76	49	76	46	75	$n_{2\,th}$			
420	698	521	919	641							M_2	15.60	2818	32.940
5.0	3.9	4.1	3.0	3.3							c			
98	46	98	41	98							$n_{2\,Eck}$			
76	46	73	41	70							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

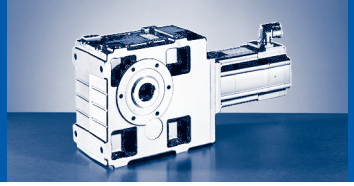
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
32.940	2984	15.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
35.193	1686	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			320 5.0 43 43	256 5.0 85 81	240 5.1 100 81	440 3.4 55 55	359 3.3 115 74			
35.193	2638	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										513 4.9 43 43
35.193	3029	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
39.662	1900	12.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			361 5.0 38 38	289 5.0 76 72	270 5.1 89 72	496 3.4 49 49	404 3.3 102 66			
39.662	2973	12.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										578 4.9 38 38
39.662	3002	12.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
43.146	2776	9.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										633 4.2 35 35
43.146	3024	9.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
48.625	3017	8.87	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										715 4.1 31 31
58.456	1882	5.54	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			541 3.4 26 26	431 3.8 51 51	404 3.9 60 60	738 2.5 33 33	601 2.5 69 56			
58.456	2940	5.54	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								485 5.8 26 26	395 6.0 62 61	867 3.3 26 26
65.879	2121	5.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			610 3.4 23 23	486 3.8 46 46	455 3.9 54 54	831 2.5 30 30	677 2.5 62 50			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS09-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
					822	639	1233	892	1581	987	M_2	15.60	2984	32.940
					3.5	3.6	2.4	2.6	1.9	2.4	c			
					43	91	43	91	41	91	$n_{2\,Eck}$			
					43	67	43	66	41	65	$n_{2\,th}$			
											M_2	12.20	1686	35.193
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
451	749	560	986	688							M_2	12.20	2638	35.193
4.4	3.4	3.6	2.6	2.9							c			
92	43	92	38	92							$n_{2\,Eck}$			
79	43	75	38	72							$n_{2\,th}$			
					880	684	1319	954	1691	1056	M_2	12.20	3029	35.193
					3.4	3.4	2.3	2.5	1.8	2.3	c			
					41	85	41	85	38	85	$n_{2\,Eck}$			
					40	63	40	63	38	63	$n_{2\,th}$			
											M_2	12.00	1900	39.662
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
509	844	631	1111	775							M_2	12.00	2973	39.662
4.4	3.4	3.6	2.6	2.9							c			
81	38	81	34	81							$n_{2\,Eck}$			
70	38	67	34	64							$n_{2\,th}$			
					996	774	1491	1079	1910	1193	M_2	12.00	3002	39.662
					3.0	3.0	2.0	2.2	1.6	2.0	c			
					36	76	36	76	34	76	$n_{2\,Eck}$			
					36	56	36	56	34	56	$n_{2\,th}$			
554	923	687	1213	844							M_2	9.00	2776	43.146
4.3	3.0	3.5	2.3	2.8							c			
75	35	75	31	75							$n_{2\,Eck}$			
69	35	66	31	64							$n_{2\,th}$			
					1086	841	1625	1172	2080	1297	M_2	9.00	3024	43.146
					2.7	3.2	1.9	2.3	1.5	2.1	c			
					33	70	33	70	31	70	$n_{2\,Eck}$			
					33	51	33	51	31	51	$n_{2\,th}$			
625	1042	775	1368	952	1228	951	1835	1325	2349	1465	M_2	8.87	3017	48.625
4.1	2.8	3.3	2.2	2.7	2.4	2.8	1.6	2.0	1.3	1.8	c			
66	31	66	28	66	29	62	29	62	28	62	$n_{2\,Eck}$			
61	31	59	28	56	29	45	29	45	28	45	$n_{2\,th}$			
											M_2	5.54	1882	58.456
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
758	1260	938	1652	1151							M_2	5.54	2940	58.456
3.3	2.3	2.7	1.8	2.2							c			
55	26	55	23	55							$n_{2\,Eck}$			
55	26	55	23	55							$n_{2\,th}$			
											M_2	5.47	2121	65.879
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

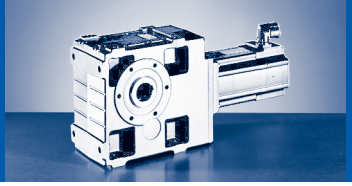
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
65.879	3048	5.47	M_2								550	447	980
			c								5.3	5.5	3.0
			$n_{2\,Eck}$								23	55	23
			$n_{2\,th}$								23	55	23
70.982	1959	4.14	M_2	354	276	661	526	493	899	733			
			c	5.3	5.5	2.9	3.3	3.3	2.2	2.2			
			$n_{2\,Eck}$	28	57	21	42	50	28	57			
			$n_{2\,th}$	27	57	21	42	50	27	53			
70.982	3031	4.14	M_2								595	484	1058
			c								4.9	5.1	2.8
			$n_{2\,Eck}$								21	51	21
			$n_{2\,th}$								21	51	21
79.996	2207	4.10	M_2	399	311	745	593	556	1013	826			
			c	5.3	5.5	2.9	3.3	3.3	2.2	2.2			
			$n_{2\,Eck}$	24	51	19	38	44	24	51			
			$n_{2\,th}$	24	51	19	38	44	24	47			
79.996	3071	4.10	M_2								674	548	1196
			c								4.4	4.6	2.5
			$n_{2\,Eck}$								19	45	19
			$n_{2\,th}$								19	45	19
91.860	2032	2.63	M_2	464	362	860	686	643	1169	952			
			c	4.2	4.4	2.3	2.6	2.7	1.7	1.7			
			$n_{2\,Eck}$	21	44	16	33	38	21	44			
			$n_{2\,th}$	21	44	16	33	38	21	44			
91.860	3031	2.63	M_2								779	634	1379
			c								3.8	3.9	2.2
			$n_{2\,Eck}$								16	39	16
			$n_{2\,th}$								16	39	16
103.524	2290	2.61	M_2	522	408	970	773	725	1317	1073			
			c	4.2	4.4	2.3	2.6	2.7	1.7	1.7			
			$n_{2\,Eck}$	19	39	15	29	34	19	39			
			$n_{2\,th}$	19	39	14	29	34	19	39			
103.524	3080	2.61	M_2								882	718	1557
			c								3.4	3.5	2.0
			$n_{2\,Eck}$								15	35	15
			$n_{2\,th}$								14	35	14
111.484	2058	1.92	M_2	567	441	1048	834	782	1423	1158			
			c	3.5	4.1	1.9	2.4	2.5	1.4	1.6			
			$n_{2\,Eck}$	18	36	14	27	32	18	36			
			$n_{2\,th}$	17	36	13	27	32	17	36			
111.484	3031	1.92	M_2								953	773	1680
			c								3.1	3.6	1.8
			$n_{2\,Eck}$								14	32	14
			$n_{2\,th}$								13	32	13
125.641	2319	1.90	M_2	639	496	1182	940	881	1604	1304			
			c	3.5	4.1	1.9	2.4	2.5	1.4	1.6			
			$n_{2\,Eck}$	16	32	12	24	28	16	32			
			$n_{2\,th}$	16	32	12	24	28	16	32			
125.641	3080	1.90	M_2								1077	874	1897
			c								2.8	3.2	1.6
			$n_{2\,Eck}$								12	29	12
			$n_{2\,th}$								12	29	12

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS09-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
857	1422	1059	1865	1300							M_2	5.47	3048	65.879
3.1	2.1	2.5	1.6	2.0							c			
49	23	49	21	49							$n_{2\,Eck}$			
49	23	49	20	48							$n_{2\,th}$			
											M_2	4.14	1959	70.982
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
926	1535	1144	2012	1403							M_2	4.14	3031	70.982
2.8	2.0	2.3	1.5	1.9							c			
45	21	45	19	45							$n_{2\,Eck}$			
45	21	45	19	45							$n_{2\,th}$			
											M_2	4.10	2207	79.996
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1047	1734	1292	2271	1584							M_2	4.10	3071	79.996
2.5	1.8	2.1	1.4	1.7							c			
40	19	40	17	40							$n_{2\,Eck}$			
40	19	40	17	40							$n_{2\,th}$			
											M_2	2.63	2032	91.860
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1206	1996	1488	2613	1824							M_2	2.63	3031	91.860
2.2	1.5	1.8	1.2	1.5							c			
35	16	35	15	35							$n_{2\,Eck}$			
35	16	35	15	35							$n_{2\,th}$			
											M_2	2.61	2290	103.524
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1363	2253	1681	2949	2058							M_2	2.61	3080	103.524
2.0	1.4	1.6	1.0	1.3							c			
31	15	31	13	31							$n_{2\,Eck}$			
31	14	31	13	31							$n_{2\,th}$			
											M_2	1.92	2058	111.484
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1467	2429	1809		2216							M_2	1.92	3031	111.484
2.0	1.2	1.6		1.3							c			
29	14	29		29							$n_{2\,Eck}$			
29	13	29		29							$n_{2\,th}$			
											M_2	1.90	2319	125.641
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
1657	2741	2043		2501							M_2	1.90	3080	125.641
1.8	1.1	1.5		1.2							c			
26	12	26		26							$n_{2\,Eck}$			
26	12	26		26							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

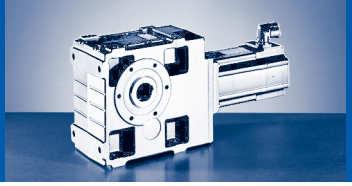
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
140.921	2084	1.26	M_2	722	562	1331	1060	994	1804	1468			
			c	2.8	3.3	1.6	2.0	2.0	1.2	1.3			
			$n_{2\,Eck}$	14	29	11	21	25	14	29			
			$n_{2\,th}$	14	29	11	21	25	14	29			
158.816	2349	1.25	M_2	814	633	1500	1195	1120	2033	1654			
			c	2.8	3.3	1.6	2.0	2.0	1.2	1.3			
			$n_{2\,Eck}$	12	26	9	19	22	12	26			
			$n_{2\,th}$	12	26	9	19	22	12	26			
182.000	3031	2.25	M_2	929	722	1715	1366	1280	2326	1893	1575	1280	2763
			c	3.2	3.7	1.8	2.2	2.2	1.3	1.4	1.9	2.2	1.1
			$n_{2\,Eck}$	11	22	8	17	19	11	22	8	20	8
			$n_{2\,th}$	11	22	8	16	19	11	20	8	20	8
205.111	3080	2.24	M_2	1050	817	1936	1543	1446	2625	2136	1779	1446	
			c	2.9	3.3	1.6	2.0	2.0	1.2	1.3	1.7	2.0	
			$n_{2\,Eck}$	10	20	7	15	17	10	20	7	18	
			$n_{2\,th}$	10	20	7	15	17	10	20	7	18	
220.882	3031	1.66	M_2	1134	883	2088	1664	1560	2830	2303	1919	1560	
			c	2.6	3.0	1.5	1.8	1.8	1.1	1.2	1.6	1.8	
			$n_{2\,Eck}$	9	18	7	14	16	9	18	7	16	
			$n_{2\,th}$	9	18	7	14	16	9	18	7	16	
248.930	3080	1.65	M_2	1282	998	2357	1879	1761		2599	2166	1762	
			c	2.4	2.7	1.3	1.6	1.7		1.1	1.4	1.6	
			$n_{2\,Eck}$	8	16	6	12	14		16	6	15	
			$n_{2\,th}$	8	16	6	12	14		16	6	14	
279.205	3031	1.10	M_2	1442	1124	2648	2112	1980					
			c	2.1	2.4	1.1	1.4	1.4					
			$n_{2\,Eck}$	7	15	5	11	13					
			$n_{2\,th}$	7	15	5	11	13					
314.659	3080	1.10	M_2	1629	1269	2988	2384	2234					
			c	1.9	2.2	1.0	1.3	1.3					
			$n_{2\,Eck}$	6	13	5	10	11					
			$n_{2\,th}$	6	13	5	10	11					

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS09-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.26	2084	140.921
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	2349	158.816
2415 1.2 18 18											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.25	3031	182.000
2725 1.1 16 16											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.24	3080	205.111
2937 1.0 15 15											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	3031	220.882
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.65	3080	248.930
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.10	3031	279.205
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.10	3080	314.659

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

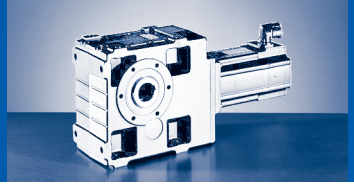
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
100.551	2358	2.48	M_2						340	406				
			c						5.4	4.6				
			$n_{2\,Eck}$						40	40				
			$n_{2\,th}$						40	40				
100.551	3029	2.48	M_2								489		916	730
			c								5.9		3.2	3.6
			$n_{2\,Eck}$								19		15	30
			$n_{2\,th}$								19		15	30
113.320	2658	2.46	M_2						381	455				
			c						6.0	5.1				
			$n_{2\,Eck}$						36	36				
			$n_{2\,th}$						36	36				
113.320	3002	2.46	M_2								556	431	1037	823
			c								5.2	6.0	2.8	3.6
			$n_{2\,Eck}$								17	36	13	27
			$n_{2\,th}$								17	36	13	26
123.275	2891	2.11	M_2						414	495				
			c						6.0	5.1				
			$n_{2\,Eck}$						33	33				
			$n_{2\,th}$						33	33				
123.275	3024	2.11	M_2								607	471	1131	898
			c								4.8	5.5	2.6	3.3
			$n_{2\,Eck}$								16	33	12	24
			$n_{2\,th}$								16	33	12	24
138.929	3017	2.09	M_2						469	561	689	535	1279	1017
			c						5.5	4.7	4.2	4.9	2.3	2.9
			$n_{2\,Eck}$						29	29	14	29	11	22
			$n_{2\,th}$						29	29	14	29	11	22
151.012	3024	1.52	M_2						512	612	751	583	1393	1108
			c						5.1	4.3	3.9	4.5	2.2	2.7
			$n_{2\,Eck}$						27	27	13	27	10	20
			$n_{2\,th}$						27	27	13	27	10	20
170.188	3017	1.51	M_2					468	581	694	851	661	1574	1253
			c					5.7	4.5	3.8	3.5	4.0	1.9	2.4
			$n_{2\,Eck}$					22	24	24	12	24	9	18
			$n_{2\,th}$					22	24	24	11	24	9	18
204.596	3031	1.24	M_2					568	704	839	1029	801	1898	1512
			c					4.8	3.8	3.2	2.9	3.3	1.6	2.0
			$n_{2\,Eck}$					18	20	20	10	20	7	15
			$n_{2\,th}$					18	20	20	10	20	7	15
230.577	3048	1.24	M_2				471	644	797	950	1164	906	2143	1708
			c				5.6	4.2	3.4	2.9	2.6	3.0	1.4	1.8
			$n_{2\,Eck}$				18	16	18	18	9	18	7	13
			$n_{2\,th}$				18	16	18	18	8	18	7	13
248.439	3031	1.13	M_2				510	697	862	1026	1257	979	2312	1843
			c				5.1	3.9	3.1	2.6	2.4	2.8	1.3	1.6
			$n_{2\,Eck}$				16	15	16	16	8	16	6	12
			$n_{2\,th}$				16	15	16	16	8	16	6	12
279.986	3071	1.13	M_2				578	789	974	1159	1420	1106	2609	2081
			c				4.6	3.5	2.8	2.4	2.1	2.5	1.2	1.5
			$n_{2\,Eck}$				15	13	15	15	7	15	5	11
			$n_{2\,th}$				14	13	14	14	7	14	5	11

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS09-4S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.48	2358	100.551
684 3.7 35 35	1249 2.4 19 19	1017 2.4 40 40	841 3.5 15 15	684 3.7 36 36	1486 2.0 15 15	1300 2.0 32 32	2150 1.4 15 15	1604 1.7 32 32	2814 1.1 13 13	1964 1.4 32 32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.48	3029	100.551
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.46	2658	113.320
772 3.6 31 31	1412 2.1 17 17	1147 2.3 36 36	952 3.1 13 13	772 3.6 32 32	1679 1.8 13 13	1466 2.0 29 28	2428 1.2 13 13	1808 1.6 29 28		2214 1.3 29 28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.46	3002	113.320
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.11	2891	123.275
842 3.3 29 29	1538 2.0 16 16	1250 2.2 33 33	1038 2.9 12 12	842 3.3 29 29	1829 1.6 12 12	1597 1.8 26 26	2643 1.1 12 12	1969 1.5 26 26		2411 1.2 26 26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.11	3024	123.275
953 2.9 25 25	1738 1.7 14 14	1413 1.9 29 29	1174 2.5 11 11	953 2.9 26 26	2065 1.5 11 11	1804 1.6 23 23	2983 1.0 11 11	2224 1.3 23 23		2722 1.1 23 23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.09	3017	138.929
1038 2.7 23 23	1892 1.6 13 13	1538 1.8 27 27	1279 2.3 10 10	1038 2.7 24 24	2248 1.3 10 10	1964 1.5 21 21		2420 1.2 21 21			M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.52	3024	151.012
1174 2.4 21 21	2136 1.4 12 11	1737 1.6 24 24	1445 2.1 9 9	1174 2.4 21 21	2537 1.2 9 9	2217 1.3 19 19		2731 1.1 19 19			M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.51	3017	170.188
1417 2.0 17 17	2574 1.2 10 10	2095 1.3 20 20	1744 1.7 7 7	1418 2.0 18 18		2671 1.1 16 16					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.24	3031	204.596
1601 1.8 15 15	2905 1.1 9 8	2364 1.2 18 18	1969 1.5 7 7	1601 1.8 16 16							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.24	3048	230.577
1728 1.7 14 14		2550 1.1 16 16	2125 1.4 6 6	1728 1.6 15 14							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.13	3031	248.439
1951 1.5 13 13			2398 1.3 5 5	1951 1.5 13 13							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.13	3071	279.986

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

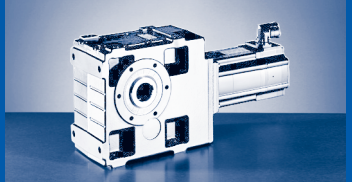
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
323.365	3031	0.71	M_2				673	916	1130	1344	1646	1283	3019	2409
			c				4.0	3.0	2.4	2.0	1.8	2.1	1.0	1.3
			$n_{2\,Eck}$				13	12	13	13	6	13	5	9
			$n_{2\,th}$				13	12	13	13	6	13	5	9
364.427	3071	0.71	M_2			486	761	1036	1277	1518	1859	1449		2718
			c			5.4	3.6	2.7	2.2	1.8	1.6	1.9		1.1
			$n_{2\,Eck}$			11	11	10	11	11	5	11		8
			$n_{2\,th}$			11	11	10	11	11	5	11		8
402.234	3031	0.51	M_2			540	844	1147	1413	1679	2055	1603		3004
			c			4.9	3.2	2.4	1.9	1.6	1.5	1.7		1.0
			$n_{2\,Eck}$			10	10	9	10	10	5	10		8
			$n_{2\,th}$			10	10	9	10	10	5	10		7
453.311	3071	0.51	M_2		484	612	954	1296	1596	1895	2320	1810		
			c		5.5	4.4	2.9	2.2	1.7	1.5	1.3	1.5		
			$n_{2\,Eck}$		9	9	9	8	9	9	4	9		
			$n_{2\,th}$		9	9	9	8	9	9	4	9		
520.538	3031	0.47	M_2		560	707	1100	1493	1837	2181	2669	2083		
			c		4.7	3.8	2.5	1.9	1.5	1.3	1.1	1.3		
			$n_{2\,Eck}$		8	8	8	7	8	8	4	8		
			$n_{2\,th}$		8	8	8	7	8	8	4	8		
586.638	3080	0.47	M_2		634	801	1243	1686	2074	2461	3012	2351		
			c		4.2	3.4	2.2	1.7	1.3	1.1	1.0	1.2		
			$n_{2\,Eck}$		7	7	7	6	7	7	3	7		
			$n_{2\,th}$		7	7	7	6	7	7	3	7		
631.744	3031	0.44	M_2		686	865	1342	1818	2236	2653		2534		
			c		3.9	3.1	2.0	1.5	1.2	1.0		1.1		
			$n_{2\,Eck}$		6	6	6	6	6	6		6		
			$n_{2\,th}$		6	6	6	6	6	6		6		
711.965	3080	0.44	M_2		776	978	1516	2052	2523					
			c		3.5	2.8	1.8	1.4	1.1					
			$n_{2\,Eck}$		6	6	6	5	6					
			$n_{2\,th}$		6	6	6	5	6					
817.551	3031	0.28	M_2	434	896	1128	1745	2362						
			c	6.0	3.0	2.4	1.6	1.2						
			$n_{2\,Eck}$	5	5	5	5	5						
			$n_{2\,th}$	5	5	5	5	5						
921.367	3080	0.28	M_2	492	1014	1274	1970	2665						
			c	5.4	2.7	2.2	1.4	1.1						
			$n_{2\,Eck}$	4	4	4	4	4						
			$n_{2\,th}$	4	4	4	4	4						
992.209	3031	0.20	M_2	532	1094	1375	2124							
			c	4.9	2.5	2.0	1.3							
			$n_{2\,Eck}$	4	4	4	4							
			$n_{2\,th}$	4	4	4	4							
1118.204	3080	0.20	M_2	603	1236	1553	2397							
			c	4.5	2.2	1.8	1.2							
			$n_{2\,Eck}$	4	4	4	4							
			$n_{2\,th}$	4	4	4	4							
1254.197	3031	0.13	M_2	681	1391	1746								
			c	3.9	2.0	1.6								
			$n_{2\,Eck}$	3	3	3								
			$n_{2\,th}$	3	3	3								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS09-4S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
2258 1.3 11 11											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.71	3031	323.365
2548 1.1 10 10											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.71	3071	364.427
2816 1.0 9 9											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.51	3031	402.234
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.51	3071	453.311
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.47	3031	520.538
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.47	3080	586.638
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.44	3031	631.744
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.44	3080	711.965
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.28	3031	817.551
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.28	3080	921.367
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.20	3031	992.209
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.20	3080	1118.204
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.13	3031	1254.197

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

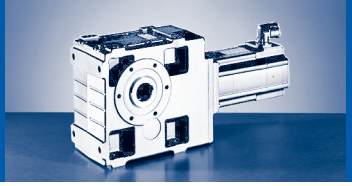
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
1413.461	3080	0.13	M_2	770	1571	1971								
			c	3.5	1.8	1.4								
			$n_{2\,Eck}$	3	3	3								
			$n_{2\,th}$	3	3	3								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS09-4S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.13	3080	1413.461

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

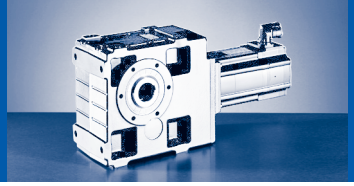
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6032$ Nm

GKS11-3S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	9.20	7.50	16.00	14.00	23.00	17.20	30.00
			n_1	1500	3600	1500	3225	1500	3225	1350
			$I_{M\,400}$	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
12.094	2592	104.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
13.154	2819	101.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
15.874	2868	68.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
17.265	3119	66.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
19.515	4182	90.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
21.989	4712	90.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
25.615	4628	61.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
28.021	4791	52.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
31.573	5398	51.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
35.741	3314	36.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				453 5.4 90 65	754 4.2 42 42	563 4.4 90 63	994 3.3 38 38
35.741	5147	36.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
40.272	3734	36.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				511 5.4 80 58	850 4.2 37 37	634 4.4 80 56	1120 3.3 34 34
40.272	5799	36.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6032$ Nm

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS11-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1425	3000	1425	3000	1350	3000	n_1			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
			437		565	350	M_2	104.00	2592	12.094
			5.6		4.4	5.6	c			
			118		112	248	$n_{2\,Eck}$			
			118		112	144	$n_{2\,th}$			
			475		614	380	M_2	101.00	2819	13.154
			5.6		4.4	5.6	c			
			108		103	228	$n_{2\,Eck}$			
			108		103	132	$n_{2\,th}$			
			579	418	747	464	M_2	68.00	2868	15.874
			4.8	5.2	3.7	4.7	c			
			90	189	85	189	$n_{2\,Eck}$			
			90	125	85	123	$n_{2\,th}$			
			630	455	812	504	M_2	66.50	3119	17.265
			4.8	5.2	3.7	4.7	c			
			83	174	78	174	$n_{2\,Eck}$			
			83	115	78	113	$n_{2\,th}$			
			705		911	564	M_2	90.30	4182	19.515
			5.6		4.4	5.6	c			
			73		69	154	$n_{2\,Eck}$			
			73		69	89	$n_{2\,th}$			
			795		1027	636	M_2	90.40	4712	21.989
			5.6		4.4	5.6	c			
			65		61	136	$n_{2\,Eck}$			
			65		61	79	$n_{2\,th}$			
			935	674	1205	748	M_2	61.20	4628	25.615
			4.8	5.2	3.7	4.7	c			
			56	117	53	117	$n_{2\,Eck}$			
			56	78	53	76	$n_{2\,th}$			
			1025	740	1321	821	M_2	52.20	4791	28.021
			4.5	4.9	3.5	4.5	c			
			51	107	48	107	$n_{2\,Eck}$			
			51	72	48	71	$n_{2\,th}$			
			1155	834	1489	925	M_2	51.30	5398	31.573
			4.5	4.9	3.5	4.5	c			
			45	95	43	95	$n_{2\,Eck}$			
			45	64	43	63	$n_{2\,th}$			
693							M_2	36.80	3314	35.741
3.6							c			
90							$n_{2\,Eck}$			
60							$n_{2\,th}$			
	872	677	1318	952	1695	1055	M_2	36.80	5147	35.741
	5.6	5.7	3.8	4.2	3.0	3.8	c			
	40	84	40	84	38	84	$n_{2\,Eck}$			
	40	62	40	62	38	61	$n_{2\,th}$			
781							M_2	36.20	3734	40.272
3.6							c			
80							$n_{2\,Eck}$			
53							$n_{2\,th}$			
	983	763	1485	1073	1910	1189	M_2	36.20	5799	40.272
	5.6	5.7	3.8	4.2	3.0	3.8	c			
	35	75	35	75	34	75	$n_{2\,Eck}$			
	35	55	35	55	34	54	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

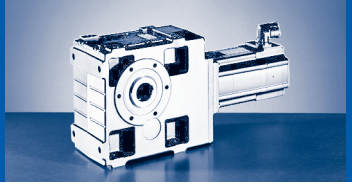
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6032$ Nm

GKS11-3S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	9.20	7.50	16.00	14.00	23.00	17.20	30.00
			n_1	1500	3600	1500	3225	1500	3225	1350
			$I_{M\,400}$	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
43.783	5419	27.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
49.333	5923	27.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
57.683	3683	17.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			847 4.2 26 26	741 4.2 56 52	1235 2.9 26 26	918 3.4 56 50	1622 2.2 23 23
57.683	5726	17.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
64.995	4149	17.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			954 4.2 23 23	835 4.2 50 46	1391 2.9 23 23	1035 3.4 50 44	1828 2.2 21 21
64.995	5992	17.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
70.887	3776	13.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			1049 3.5 21 21	918 3.5 46 45	1525 2.4 21 21	1135 2.9 46 45	2002 1.9 19 19
70.887	5867	13.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
79.873	4255	12.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			1182 3.5 19 19	1034 3.5 40 40	1719 2.4 19 19	1279 2.9 40 40	2255 1.9 17 17
79.873	6032	12.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
91.737	3915	8.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	769 4.9 16 16	625 5.1 39 39	1368 2.8 16 16	1196 2.8 35 35	1984 2.0 16 16	1478 2.3 35 35	2600 1.5 15 15
103.365	4411	8.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	866 4.9 15 15	705 5.1 35 35	1541 2.8 15 15	1348 2.8 31 31	2236 2.0 15 15	1666 2.3 31 31	2930 1.5 13 13
111.335	3963	6.05	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	941 4.1 14 13	762 4.7 32 32	1668 2.3 14 13	1455 2.6 29 29	2416 1.6 14 13	1797 2.1 29 29	3164 1.3 12 12

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6032$ Nm

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS11-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1425	3000	1425	3000	1350	3000	n_1			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
	1078 4.8 33 33	831 5.6 69 50	1624 3.3 33 33	1167 4.1 69 50	2086 2.6 31 31	1293 3.7 69 50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	27.90	5419	43.783
	1216 4.7 29 29	938 5.4 61 45	1832 3.2 29 29	1317 3.9 61 45	2353 2.5 27 27	1459 3.6 61 45	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	27.50	5923	49.333
1129 2.8 56 48							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.70	3683	57.683
	1435 3.9 25 25	1108 4.5 52 38	2154 2.6 25 25	1551 3.3 52 38	2763 2.1 23 23	1717 3.0 52 38	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.70	5726	57.683
1272 2.8 50 42							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.50	4149	64.995
	1621 3.6 22 22	1253 4.2 46 34	2432 2.4 22 22	1752 3.0 46 34	3119 1.9 21 21	1939 2.7 46 34	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.50	5992	64.995
1394 2.4 46 44							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	13.00	3776	70.887
	1775 3.2 20 20	1373 3.7 42 31	2660 2.2 20 20	1918 2.7 42 31	3408 1.7 19 19	2122 2.5 42 31	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	13.00	5867	70.887
1571 2.4 40 39							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.90	4255	79.873
	2007 3.0 18 18	1553 3.4 38 28	3003 2.0 18 18	2166 2.5 38 28	3847 1.6 17 17	2396 2.2 38 28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.90	6032	79.873
1813 1.9 35 35							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.30	3915	91.737
2043 1.9 31 31							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.21	4411	103.365
2203 1.7 29 29							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.05	3963	111.335

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

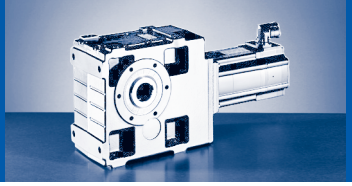
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6032$ Nm

GKS11-3S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	9.20	7.50	16.00	14.00	23.00	17.20	30.00
			n_1	1500	3600	1500	3225	1500	3225	1350
			$I_{M\,400}$	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
125.448	4465	5.99	M_2	1061	859	1880	1640	2722	2025	3565
			c	4.1	4.7	2.3	2.6	1.6	2.1	1.3
			$n_{2\,Eck}$	12	29	12	26	12	26	11
			$n_{2\,th}$	12	29	12	26	12	26	11
140.732	4010	3.96	M_2	1201	973	2119	1850	3065	2282	4010
			c	3.3	3.8	1.9	2.1	1.3	1.7	1.0
			$n_{2\,Eck}$	11	26	11	23	11	23	10
			$n_{2\,th}$	11	26	11	23	11	23	10
158.571	4519	3.93	M_2	1353	1097	2388	2084	3453	2572	4519
			c	3.3	3.8	1.9	2.1	1.3	1.7	1.0
			$n_{2\,Eck}$	10	23	10	20	10	20	9
			$n_{2\,th}$	9	23	9	20	9	20	9
186.572	5975	7.07	M_2	1585	1284	2802	2446	4056	3019	5310
			c	3.7	4.2	2.1	2.4	1.5	1.9	1.1
			$n_{2\,Eck}$	8	19	8	17	8	17	7
			$n_{2\,th}$	8	19	8	17	8	17	7
210.222	5892	7.05	M_2	1794	1455	3167	2764	4579	3410	
			c	3.2	3.7	1.8	2.1	1.3	1.7	
			$n_{2\,Eck}$	7	17	7	15	7	15	
			$n_{2\,th}$	7	17	7	15	7	15	
226.431	5975	5.21	M_2	1937	1571	3415	2981	4936	3677	
			c	3.0	3.5	1.7	1.9	1.2	1.6	
			$n_{2\,Eck}$	7	16	7	14	7	14	
			$n_{2\,th}$	7	16	7	14	7	14	
255.133	5892	5.20	M_2	2191	1778	3856	3368	5571	4152	
			c	2.6	3.1	1.5	1.7	1.1	1.4	
			$n_{2\,Eck}$	6	14	6	13	6	13	
			$n_{2\,th}$	6	14	6	13	6	13	
286.219	5975	3.44	M_2	2465	2001	4333	3785		4664	
			c	2.4	2.8	1.4	1.5		1.3	
			$n_{2\,Eck}$	5	13	5	11		11	
			$n_{2\,th}$	5	13	5	11		11	
322.500	5892	3.43	M_2	2786	2263	4891	4273		5264	
			c	2.1	2.4	1.2	1.3		1.1	
			$n_{2\,Eck}$	5	11	5	10		10	
			$n_{2\,th}$	5	11	5	10		10	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6032$ Nm

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS11-3S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1425	3000	1425	3000	1350	3000	n_1			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
2483 1.7 26 26							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.99	4465	125.448
2796 1.4 23 23							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.96	4010	140.732
3150 1.4 20 20							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.93	4519	158.571
3699 1.6 17 17							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.07	5975	186.572
4177 1.4 15 15							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.05	5892	210.222
4503 1.3 14 14							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.21	5975	226.431
5082 1.1 13 13							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.20	5892	255.133
5708 1.0 11 11							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.44	5975	286.219
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.43	5892	322.500

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

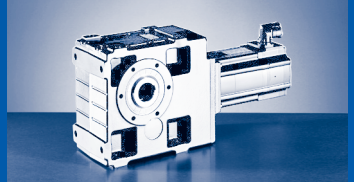
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6072$ Nm

GKS11-4S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
102.119	2972	7.28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				408 5.7 40 40					
102.119	3825	7.28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							923 4.0 15 15	734 4.5 29 29	688 4.6 35 35
102.119	5292	7.28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
115.063	4309	7.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							1040 4.0 13 13	823 5.0 26 26	771 5.1 31 31
115.063	5869	7.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
125.095	4685	6.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							1130 4.0 12 12	894 5.0 24 24	838 5.1 28 28
125.095	5800	6.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
140.952	5279	6.19	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							1274 4.0 11 11	1008 5.0 21 21	944 5.1 25 25
140.952	5923	6.19	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
153.242	4931	4.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							1393 3.5 10 10	1104 4.3 20 20	1035 4.4 23 23
153.242	5800	4.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
172.667	5556	4.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							1570 3.5 9 9	1244 4.3 17 17	1166 4.4 20 20
172.667	5923	4.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6072$ Nm

12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS11-4S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
11.8										$I_{M\,230}$			
5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.28	2972	102.119
1260 3.0 19 19	1027 3.0 40 40									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.28	3825	102.119
				1485 3.5 15 15	1299 3.5 32 32	2160 2.4 15 15	1608 2.8 32 32	2834 1.9 13 13	1974 2.3 32 32	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.28	5292	102.119
1420 3.0 17 17	1153 3.3 35 35									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.21	4309	115.063
		936 5.9 13 13		1675 3.4 13 13	1459 3.8 28 28	2435 2.4 13 13	1806 3.1 28 28	3195 1.8 12 12	2219 2.5 28 28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.21	5869	115.063
1544 3.0 16 16	1253 3.3 32 32									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.23	4685	125.095
		1024 5.4 12 12		1827 3.1 12 12	1592 3.5 26 26	2653 2.2 12 12	1970 2.8 26 26	3480 1.7 11 11	2418 2.3 26 26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.23	5800	125.095
1739 3.0 14 14	1412 3.3 29 29									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.19	5279	140.952
		1160 4.9 11 11	938 5.7 26 25	2065 2.8 11 11	1800 3.1 23 23	2996 2.0 11 11	2226 2.6 23 23	3927 1.5 10 10	2731 2.1 23 23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.19	5923	140.952
1900 2.6 13 13	1543 2.8 26 26									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.50	4931	153.242
		1268 4.4 10 10	1026 5.1 24 23	2252 2.5 10 10	1964 2.8 21 21	3264 1.8 10 10	2427 2.3 21 21	4276 1.4 9 9	2976 1.9 21 21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.50	5800	153.242
2140 2.6 11 11	1739 2.8 24 23									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.47	5556	172.667
		1436 4.0 9 9	1162 4.6 21 21	2544 2.3 9 9	2219 2.6 19 19	3684 1.6 9 9	2741 2.1 19 19	4825 1.2 8 8	3360 1.7 19 19	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.47	5923	172.667

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

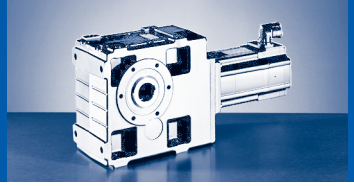
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6072$ Nm

GKS11-4S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
201.890	5972	3.74	M_2					984		1841	1460	1368
			c					5.8		3.2	4.0	4.0
			$n_{2\,Eck}$					10		7	15	18
			$n_{2\,th}$					10		7	15	17
227.481	5992	3.72	M_2					1117	865	2083	1653	1549
			c					5.1	5.9	2.8	3.5	3.6
			$n_{2\,Eck}$					9	18	7	13	16
			$n_{2\,th}$					9	18	7	13	16
248.106	5973	3.36	M_2					1224	949	2277	1809	1695
			c					4.7	5.4	2.6	3.2	3.3
			$n_{2\,Eck}$					8	16	6	12	14
			$n_{2\,th}$					8	16	6	12	14
279.556	6032	3.34	M_2					1386	1076	2574	2046	1917
			c					4.2	4.9	2.3	2.9	2.9
			$n_{2\,Eck}$					7	15	5	11	13
			$n_{2\,th}$					7	14	5	11	13
322.931	5973	2.09	M_2		885	1100	1314	1612	1253	2984	2374	2225
			c		5.9	4.7	4.0	3.6	4.2	2.0	2.5	2.5
			$n_{2\,Eck}$		12	13	13	6	13	5	9	11
			$n_{2\,th}$		12	13	13	6	13	5	9	11
363.866	6032	2.08	M_2		1005	1246	1487	1824	1418	3369	2682	2514
			c		5.3	4.2	3.6	3.2	3.7	1.8	2.2	2.2
			$n_{2\,Eck}$		10	11	11	5	11	4	8	10
			$n_{2\,th}$		10	11	11	5	11	4	8	10
395.787	5973	1.52	M_2		1098	1361	1623	1990	1548	3671	2924	2741
			c		4.8	3.9	3.3	2.9	3.4	1.6	2.0	2.0
			$n_{2\,Eck}$		10	10	10	5	10	4	8	9
			$n_{2\,th}$		9	10	10	5	10	4	8	9
445.958	6032	1.52	M_2	910	1245	1541	1835	2250	1751	4144	3302	3095
			c	5.7	4.3	3.5	2.9	2.6	3.1	1.5	1.8	1.8
			$n_{2\,Eck}$	9	8	9	9	4	9	3	7	8
			$n_{2\,th}$	9	8	9	9	4	9	3	7	8
512.196	5975	1.39	M_2	1054	1439	1779	2117	2595	2021	4770	3803	3565
			c	4.9	3.7	3.0	2.5	2.3	2.6	1.3	1.6	1.6
			$n_{2\,Eck}$	8	7	8	8	4	8	3	6	7
			$n_{2\,th}$	8	7	8	8	4	8	3	6	7
577.122	6072	1.38	M_2	1194	1628	2011	2392	2930	2283	5381	4292	4023
			c	4.4	3.4	2.7	2.3	2.1	2.4	1.1	1.4	1.4
			$n_{2\,Eck}$	7	7	7	7	3	7	3	5	6
			$n_{2\,th}$	7	7	7	7	3	7	3	5	6
621.619	5975	1.31	M_2	1291	1759	2171	2582	3162	2465	5802	4629	4339
			c	4.1	3.1	2.5	2.1	1.9	2.2	1.0	1.3	1.3
			$n_{2\,Eck}$	7	6	7	7	3	7	2	5	6
			$n_{2\,th}$	7	6	7	7	3	7	2	5	6
700.416	6072	1.31	M_2	1461	1989	2453	2916	3570	2783		5223	4896
			c	3.7	2.8	2.2	1.9	1.7	2.0		1.2	1.2
			$n_{2\,Eck}$	6	5	6	6	3	6		4	5
			$n_{2\,th}$	6	5	6	6	3	6		4	5
816.455	5975	0.82	M_2	1714	2329	2870	3409	4174	3255			
			c	3.1	2.4	1.9	1.6	1.4	1.7			
			$n_{2\,Eck}$	5	5	5	5	2	5			
			$n_{2\,th}$	5	5	5	5	2	5			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6072$ Nm

12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS11-4S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
11.8										$I_{M\,230}$			
5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
2508	2038	1689	1369	2984	2605	4318	3215	5652	3939	M_2	3.74	5972	201.890
2.4	2.6	3.4	4.0	2.0	2.2	1.4	1.8	1.1	1.5	c			
10	20	7	18	7	16	7	16	7	16	$n_{2\,Eck}$			
10	20	7	18	7	16	7	16	7	16	$n_{2\,th}$			
2834	2303	1911	1550	3371	2943	4873	3630		4446	M_2	3.72	5992	227.481
2.1	2.3	3.1	3.5	1.8	2.0	1.2	1.6		1.3	c			
9	18	7	16	7	14	7	14		14	$n_{2\,Eck}$			
9	18	7	16	7	14	7	14		14	$n_{2\,th}$			
3097	2518	2090	1696	3682	3216	5321	3965		4855	M_2	3.36	5973	248.106
1.9	2.1	2.8	3.2	1.6	1.8	1.1	1.5		1.2	c			
8	16	6	15	6	13	6	13		13	$n_{2\,Eck}$			
8	16	6	14	6	13	6	13		13	$n_{2\,th}$			
3497	2844	2363	1918	4157	3630	6003	4475		5477	M_2	3.34	6032	279.556
1.7	1.9	2.5	2.9	1.4	1.6	1.0	1.3		1.1	c			
7	15	5	13	5	12	5	12		12	$n_{2\,Eck}$			
7	14	5	13	5	12	5	12		12	$n_{2\,th}$			
4050	3294	2740	2225	4812	4204		5179			M_2	2.09	5973	322.931
1.5	1.6	2.2	2.5	1.2	1.4		1.1			c			
6	13	5	11	5	10		10			$n_{2\,Eck}$			
6	13	5	11	5	10		10			$n_{2\,th}$			
4571	3719	3095	2515	5430	4744		5843			M_2	2.08	6032	363.866
1.3	1.5	1.9	2.2	1.1	1.2		1.0			c			
5	11	4	10	4	9		9			$n_{2\,Eck}$			
5	11	4	10	4	9		9			$n_{2\,th}$			
4978	4051	3372	2741	5912	5167					M_2	1.52	5973	395.787
1.2	1.3	1.8	2.0	1.0	1.1					c			
5	10	4	9	4	8					$n_{2\,Eck}$			
5	10	4	9	4	8					$n_{2\,th}$			
5617	4571	3807	3096		5829					M_2	1.52	6032	445.958
1.1	1.2	1.6	1.8		1.0					c			
4	9	3	8		7					$n_{2\,Eck}$			
4	9	3	8		7					$n_{2\,th}$			
	5259	4383	3565							M_2	1.39	5975	512.196
	1.0	1.4	1.6							c			
	8	3	7							$n_{2\,Eck}$			
	8	3	7							$n_{2\,th}$			
		4946	4024							M_2	1.38	6072	577.122
		1.2	1.4							c			
		3	6							$n_{2\,Eck}$			
		3	6							$n_{2\,th}$			
		5333	4340							M_2	1.31	5975	621.619
		1.1	1.3							c			
		2	6							$n_{2\,Eck}$			
		2	6							$n_{2\,th}$			
		6016	4896							M_2	1.31	6072	700.416
		1.0	1.2							c			
		2	5							$n_{2\,Eck}$			
		2	5							$n_{2\,th}$			
										M_2	0.82	5975	816.455
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

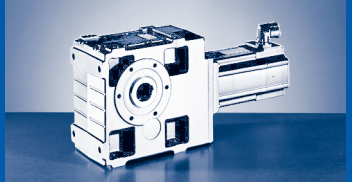
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6072$ Nm

GKS11-4S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
919.949	6072	0.82	M_2	1938	2631	3240	3848	4710	3674			
			c	2.8	2.1	1.7	1.4	1.3	1.5			
			$n_{2\,Eck}$	4	4	4	4	2	4			
			$n_{2\,th}$	4	4	4	4	2	4			
990.879	5975	0.60	M_2	2093	2839	3496	4150	5079	3963			
			c	2.5	1.9	1.5	1.3	1.2	1.4			
			$n_{2\,Eck}$	4	4	4	4	2	4			
			$n_{2\,th}$	4	4	4	4	2	4			
1116.484	6072	0.60	M_2	2365	3206	3945	4683	5730	4472			
			c	2.3	1.7	1.4	1.2	1.1	1.2			
			$n_{2\,Eck}$	4	3	4	4	2	4			
			$n_{2\,th}$	4	3	4	4	2	4			
1252.516	5975	0.39	M_2	2661	3605	4434	5261					
			c	2.0	1.5	1.2	1.0					
			$n_{2\,Eck}$	3	3	3	3					
			$n_{2\,th}$	3	3	3	3					
1411.286	6072	0.39	M_2	3004	4068	5002						
			c	1.8	1.4	1.1						
			$n_{2\,Eck}$	3	3	3						
			$n_{2\,th}$	3	3	3						

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6072$ Nm

12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS11-4S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
11.8										$I_{M\,230}$			
5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.82	6072	919.949
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.60	5975	990.879
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.60	6072	1116.484
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.39	5975	1252.516
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.39	6072	1411.286

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

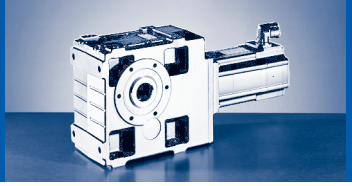
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11609$ Nm

GKS14-3S				19FC14	19FC30	19JC14	19JC30	19PC14	19PC30
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	27.00	21.00	40.00	29.00	51.00	32.00
			n_1	1425	3000	1425	3000	1350	3000
			$I_{M\,400}$	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
16.646	3765	198.00	M_2			599		775	480
			c			6.0		4.7	5.9
			$n_{2\,Eck}$			86		81	180
			$n_{2\,th}$			86		81	103
18.311	3889	173.00	M_2			662		855	530
			c			5.6		4.4	5.6
			$n_{2\,Eck}$			78		74	164
			$n_{2\,th}$			78		74	95
24.696	5585	183.00	M_2			889		1150	712
			c			6.0		4.7	5.9
			$n_{2\,Eck}$			58		55	122
			$n_{2\,th}$			58		55	69
27.165	5770	159.00	M_2			982		1269	786
			c			5.6		4.4	5.6
			$n_{2\,Eck}$			53		50	110
			$n_{2\,th}$			52		50	64
30.609	6501	156.00	M_2			1107		1430	886
			c			5.6		4.4	5.6
			$n_{2\,Eck}$			47		44	98
			$n_{2\,th}$			47		44	57
34.692	6208	111.00	M_2			1267	914	1633	1014
			c			4.7	5.2	3.7	4.7
			$n_{2\,Eck}$			41	87	39	87
			$n_{2\,th}$			41	57	39	56
39.089	6995	109.00	M_2			1427	1030	1840	1142
			c			4.7	5.2	3.7	4.7
			$n_{2\,Eck}$			37	77	35	77
			$n_{2\,th}$			36	51	35	50
42.531	6541	82.40	M_2	1033		1564	1122	2013	1244
			c	6.0		4.1	5.0	3.2	4.6
			$n_{2\,Eck}$	34		34	71	32	71
			$n_{2\,th}$	34		34	52	32	51
47.923	7370	81.10	M_2	1164		1762	1264	2268	1402
			c	6.0		4.1	5.0	3.2	4.6
			$n_{2\,Eck}$	30		30	63	28	63
			$n_{2\,th}$	30		30	46	28	45
56.251	6887	54.20	M_2	1385	1068	2087	1500	2681	1662
			c	4.8	5.5	3.2	4.0	2.5	3.6
			$n_{2\,Eck}$	25	53	25	53	24	53
			$n_{2\,th}$	25	39	25	39	24	39
63.382	7760	53.50	M_2	1561	1204	2352	1691	3021	1873
			c	4.8	5.5	3.2	4.0	2.5	3.6
			$n_{2\,Eck}$	23	47	23	47	21	47
			$n_{2\,th}$	22	35	22	35	21	35
68.942	7217	38.90	M_2	1711	1321	2571	1851	3299	2049
			c	4.1	4.7	2.8	3.4	2.2	3.1
			$n_{2\,Eck}$	21	44	21	44	20	44
			$n_{2\,th}$	21	32	21	32	20	32
77.681	8131	38.40	M_2	1928	1489	2897	2085	3717	2309
			c	4.1	4.7	2.8	3.4	2.2	3.1
			$n_{2\,Eck}$	18	39	18	39	17	39
			$n_{2\,th}$	18	28	18	28	17	28

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11609$ Nm

GKS14-3S				19FC14	19FC30	19JC14	19JC30	19PC14	19PC30
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	27.00	21.00	40.00	29.00	51.00	32.00
			n_1	1425	3000	1425	3000	1350	3000
			$I_{M\,400}$	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
90.551	7420	25.10	M_2	2269	1755	3399	2450	4355	2711
			c	3.2	3.7	2.2	2.7	1.7	2.4
			$n_{2\,Eck}$	16	33	16	33	15	33
			$n_{2\,th}$	16	24	16	24	15	24
102.029	8361	24.90	M_2	2556	1977	3829	2761	4907	3055
			c	3.2	3.7	2.2	2.7	1.7	2.4
			$n_{2\,Eck}$	14	29	14	29	13	29
			$n_{2\,th}$	14	22	14	22	13	22
109.896	7512	18.30	M_2	2769	2144	4140	2988	5301	3304
			c	2.7	3.1	1.8	2.2	1.4	2.0
			$n_{2\,Eck}$	13	27	13	27	12	27
			$n_{2\,th}$	13	20	13	20	12	20
123.826	8464	18.10	M_2	3120	2407	4665	3358	5973	3714
			c	2.7	3.4	1.8	2.5	1.4	2.3
			$n_{2\,Eck}$	12	24	12	24	11	24
			$n_{2\,th}$	12	18	12	18	11	18
186.572	11609	21.60	M_2	4713	3639	7041	5071	9011	5608
			c	2.4	3.1	1.6	2.3	1.3	2.1
			$n_{2\,Eck}$	8	16	8	16	7	16
			$n_{2\,th}$	8	12	8	12	7	12
210.222	11555	21.50	M_2	5327	4116	7950	5730	10169	6335
			c	2.1	2.8	1.5	2.0	1.1	1.8
			$n_{2\,Eck}$	7	14	7	14	6	14
			$n_{2\,th}$	7	11	7	11	6	11
226.431	11609	15.90	M_2	5746	4442	8571	6181	10962	6833
			c	2.0	2.6	1.4	1.9	1.1	1.7
			$n_{2\,Eck}$	6	13	6	13	6	13
			$n_{2\,th}$	6	10	6	10	6	10
255.133	11555	15.80	M_2	6490	5021	9674	6980		7715
			c	1.8	2.3	1.2	1.6		1.5
			$n_{2\,Eck}$	6	12	6	12		12
			$n_{2\,th}$	6	9	6	9		9

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

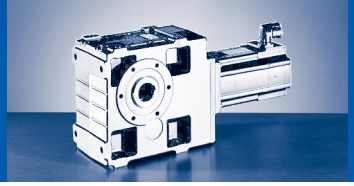
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11639$ Nm

GKS14-4S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
97.467	4589	23.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			871 5.0 15 15	692 5.7 31 31	648 5.8 36 36	1193 3.7 20 20	972 3.7 42 36			
97.467	7182	23.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										1395 4.9 15 15
97.467	10019	23.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
109.822	5170	23.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			981 5.0 14 14	779 5.7 27 27	730 5.8 32 32	1344 3.7 18 18	1095 3.7 37 32			
109.822	8093	23.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										1572 4.9 14 14
109.822	10937	23.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
119.493	5626	19.94	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			1067 5.0 13 13			1462 3.7 16 16	1186 4.2 34 30			
119.493	8805	19.94	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										1710 4.9 13 13
119.493	10787	19.94	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
134.640	6339	19.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			1203 5.0 11 11			1647 3.7 15 14	1336 4.2 30 26			
134.640	9921	19.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										1927 4.9 11 11
134.640	11261	19.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
158.039	7440	16.44	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			1412 5.0 10 9			1934 3.7 12 12	1568 4.2 26 23			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11639$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS14-4S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.47	4589	97.467
1220 5.0 33 33	2039 3.4 15 15	1514 4.0 33 33	2682 2.6 14 14	1864 3.3 33 33							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.47	7182	97.467
					2377 4.1 15 15	1835 4.7 31 23	3572 2.7 15 15	2571 3.4 31 23	4584 2.2 14 14	2847 3.1 31 23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.47	10019	97.467
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.23	5170	109.822
1375 5.0 29 29	2297 3.4 14 14	1706 4.0 29 29	3023 2.6 12 12	2100 3.3 29 29							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.23	8093	109.822
					2681 4.0 13 13	2071 4.6 27 20	4028 2.7 13 13	2900 3.3 27 20	5169 2.1 12 12	3211 3.0 27 20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.23	10937	109.822
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.94	5626	119.493
1487 5.5 27 27	2499 3.4 13 13	1848 4.5 27 27	3289 2.6 11 11	2276 3.7 27 27							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.94	8805	119.493
					2930 3.6 12 12	2253 4.6 25 19	4396 2.4 12 12	3155 3.3 25 19	5636 1.9 11 11	3494 3.0 25 19	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.94	10787	119.493
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.78	6339	134.640
1675 5.5 24 24	2816 3.4 11 11	2082 4.5 24 24	3706 2.6 10 10	2565 3.7 24 24							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.78	9921	134.640
					3310 3.3 11 11	2548 4.3 22 16	4962 2.2 11 11	3564 3.1 22 16	6360 1.8 10 10	3945 2.8 22 16	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.78	11261	134.640
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	16.44	7440	158.039

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

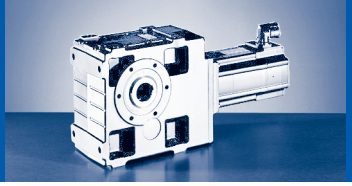
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11639$ Nm

GKS14-4S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
158.039	11522	16.44	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										2263 4.9 10 9
178.072	8383	16.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			1591 5.0 8 8			2179 3.7 11 11	1767 4.2 23 20			
178.072	11477	16.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										2566 4.3 8 8
193.754	11522	12.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										2802 4.0 8 8
218.315	11477	12.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										3174 3.5 7 7
237.467	11454	10.87	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								1939 5.6 6 6		3463 3.2 6 6
267.568	11520	10.83	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								2200 5.0 6 6	1778 5.8 14 13	3917 2.9 6 6
321.729	10184	6.42	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			2927 3.4 5 5	2320 4.2 9 9	2174 4.3 11 11	3990 2.5 6 6	3241 2.8 13 13			
321.729	11454	6.42	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								2671 4.1 5 5	2162 4.8 11 11	4735 2.4 5 5
362.512	11475	6.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			3298 3.4 4 4	2614 4.2 8 8	2449 4.3 10 10	4496 2.5 5 5	3652 2.8 11 11			
362.512	11520	6.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								3024 3.7 4 4	2450 4.3 10 10	5350 2.1 4 4
390.671	10597	4.75	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1914 5.3 5 5		3573 2.9 4 4	2836 3.6 8 8	2658 3.7 9 9	4864 2.2 5 5	3953 2.4 10 10			
390.671	11454	4.75	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								3269 3.4 4 4	2650 3.9 9 9	5776 2.0 4 4

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11639$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS14-4S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
1968	3307	2445	4351	3012	3903	3009	5842	4202	7483	4649	M_2			
5.4	3.4	4.4	2.6	3.6	2.9	3.7	2.0	2.7	1.5	2.4	c	16.44	11522	158.039
20	10	20	9	20	9	19	9	19	9	19	$n_{2\,Eck}$			
20	9	20	9	20	9	14	9	14	9	14	$n_{2\,th}$			
											M_2			
											c	16.35	8383	178.072
											$n_{2\,Eck}$			
											$n_{2\,th}$			
2233	3742	2770	4919	3409	4414	3406	6599	4751	8448	5255	M_2			
4.8	3.0	3.9	2.3	3.2	2.6	3.3	1.7	2.4	1.4	2.2	c	16.35	11477	178.072
18	8	18	8	18	8	17	8	17	8	17	$n_{2\,Eck}$			
18	8	18	8	18	8	12	8	12	8	12	$n_{2\,th}$			
2439	4082	3025	5362	3719	4814	3716	7191	5179	9202	5728	M_2			
4.4	2.8	3.6	2.1	3.0	2.4	3.0	1.6	2.2	1.3	2.0	c	12.08	11522	193.754
17	8	17	7	17	7	16	7	16	7	16	$n_{2\,Eck}$			
17	8	17	7	17	7	11	7	11	7	11	$n_{2\,th}$			
2764	4616	3424	6058	4207	5440	4204	8118	5852	10384	6470	M_2			
3.9	2.5	3.2	1.9	2.6	2.1	2.7	1.4	1.9	1.1	1.8	c	12.02	11477	218.315
15	7	15	6	15	7	14	7	14	6	14	$n_{2\,Eck}$			
15	7	15	6	15	7	10	7	10	6	10	$n_{2\,th}$			
3018	5032	3735	6600	4586	5928	4583	8841	6376	11306	7049	M_2			
3.6	2.3	2.9	1.7	2.4	1.9	2.5	1.3	1.8	1.0	1.6	c	10.87	11454	237.467
14	6	14	6	14	6	13	6	13	6	13	$n_{2\,Eck}$			
14	6	14	6	14	6	9	6	9	6	9	$n_{2\,th}$			
3415	5684	4223	7452	5182	6694	5179	9977	7199		7957	M_2			
3.2	2.0	2.6	1.5	2.1	1.7	2.2	1.2	1.6		1.4	c	10.83	11520	267.568
12	6	12	5	12	5	11	5	11		11	$n_{2\,Eck}$			
12	6	12	5	12	5	8	5	8		8	$n_{2\,th}$			
											M_2			
											c	6.42	10184	321.729
											$n_{2\,Eck}$			
											$n_{2\,th}$			
4131	6861	5103	8986	6256							M_2			
2.7	1.7	2.2	1.3	1.8							c	6.42	11454	321.729
10	5	10	4	10							$n_{2\,Eck}$			
10	5	10	4	10							$n_{2\,th}$			
											M_2			
											c	6.40	11475	362.512
											$n_{2\,Eck}$			
											$n_{2\,th}$			
4669	7745	5764	10140	7064							M_2			
2.4	1.5	1.9	1.1	1.6							c	6.40	11520	362.512
9	4	9	4	9							$n_{2\,Eck}$			
9	4	9	4	9							$n_{2\,th}$			
											M_2			
											c	4.75	10597	390.671
											$n_{2\,Eck}$			
											$n_{2\,th}$			
5042	8357	6222	10938	7623							M_2			
2.2	1.4	1.8	1.1	1.5							c	4.75	11454	390.671
8	4	8	4	8							$n_{2\,Eck}$			
8	4	8	3	8							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

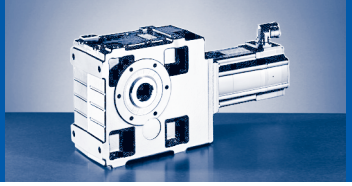
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11639$ Nm

GKS14-4S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			$I_{M\,230}$	5.2	8.8	7.6	10.5		11.8				
			$I_{M\,400}$	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
440.193	11520	4.73	M_2	2161	1675	4031	3200	2999	5485	4458	3698	3000	6523
			c	5.1	5.9	2.8	3.5	3.5	2.1	2.3	3.1	3.5	1.8
			$n_{2\,Eck}$	4	9	3	7	8	4	9	3	8	3
			$n_{2\,th}$	4	9	3	7	8	4	9	3	8	3
513.121	11488	4.33	M_2	2540	1971	4719	3751	3515	6414	5215	4332	3516	7625
			c	4.4	5.1	2.4	3.0	3.0	1.8	2.0	2.6	3.0	1.5
			$n_{2\,Eck}$	4	8	3	6	7	4	8	3	7	3
			$n_{2\,th}$	4	8	3	6	7	4	8	3	7	3
578.164	11639	4.32	M_2	2876	2233	5332	4240	3974	7241	5889	4895	3975	8605
			c	3.9	4.5	2.2	2.7	2.7	1.6	1.8	2.3	2.7	1.4
			$n_{2\,Eck}$	3	7	3	5	6	3	7	3	6	3
			$n_{2\,th}$	3	7	3	5	6	3	7	3	6	3
622.742	11488	4.12	M_2	3109	2416	5754	4578	4291	7811	6353	5284	4292	9280
			c	3.6	4.2	2.0	2.5	2.5	1.5	1.6	2.2	2.5	1.2
			$n_{2\,Eck}$	3	7	2	5	6	3	7	2	6	2
			$n_{2\,th}$	3	7	2	5	6	3	7	2	6	2
701.681	11639	4.12	M_2	3517	2735	6497	5173	4848	8815	7171	5967	4849	10470
			c	3.2	3.7	1.8	2.2	2.3	1.3	1.5	1.9	2.2	1.1
			$n_{2\,Eck}$	3	6	2	4	5	3	6	2	5	2
			$n_{2\,th}$	3	6	2	4	5	3	6	2	5	2
805.901	11488	2.62	M_2	4060	3159	7482	5961	5587	10144	8255	6874	5588	
			c	2.8	3.2	1.5	1.9	1.9	1.1	1.3	1.7	1.9	
			$n_{2\,Eck}$	2	5	2	4	4	2	5	2	5	
			$n_{2\,th}$	2	5	2	4	4	2	5	2	4	
908.058	11639	2.62	M_2	4589	3572	8445	6731	6309	11444	9314	7759	6310	
			c	2.5	2.9	1.4	1.7	1.7	1.0	1.1	1.5	1.7	
			$n_{2\,Eck}$	2	5	2	3	4	2	5	2	4	
			$n_{2\,th}$	2	4	2	3	4	2	4	2	4	
978.071	11488	1.91	M_2	4954	3858	9107	7261	6806		10042	8369	6807	
			c	2.3	2.7	1.3	1.6	1.6		1.0	1.4	1.6	
			$n_{2\,Eck}$	2	4	2	3	4		4	2	4	
			$n_{2\,th}$	2	4	2	3	4		4	2	4	
1102.052	11639	1.91	M_2	5595	4359	10276	8196	7682			9444	7683	
			c	2.1	2.4	1.1	1.4	1.4			1.2	1.4	
			$n_{2\,Eck}$	2	4	1	3	3			1	3	
			$n_{2\,th}$	2	4	1	3	3			1	3	
1236.326	11488	1.26	M_2	6294	4906		9211	8634					
			c	1.8	2.1		1.2	1.3					
			$n_{2\,Eck}$	2	3		2	3					
			$n_{2\,th}$	2	3		2	3					
1393.043	11639	1.26	M_2	7106	5540		10392	9742					
			c	1.6	1.9		1.1	1.1					
			$n_{2\,Eck}$	1	3		2	3					
			$n_{2\,th}$	1	3		2	3					

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11639$ Nm

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS14-4S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
											$I_{M\,230}$			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
5695 2.0 7 7	9431 1.2 3 3	7025 1.6 7 7		8603 1.3 7 7							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.73	11520	440.193
6659 1.7 6 6	11014 1.0 3 3	8209 1.4 6 6		10049 1.1 6 6							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.33	11488	513.121
7517 1.5 6 6		9263 1.2 6 6		11336 1.0 6 6							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.32	11639	578.164
8108 1.4 5 5		9988 1.1 5 5									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.12	11488	622.742
9149 1.2 5 5		11268 1.0 5 5									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.12	11639	701.681
10527 1.1 4 4											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.62	11488	805.901
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.62	11639	908.058
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.91	11488	978.071
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.91	11639	1102.052
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.26	11488	1236.326
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.26	11639	1393.043

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

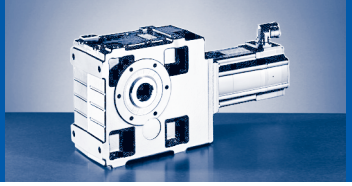
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 187$ Nm

GKS04-3A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
5.123	81	1.17	M_2	9	30	19
			c	6.0	2.0	3.0
			$n_{2\,Eck}$	771	666	791
			$n_{2\,th}$	727	593	639
7.025	93	0.68	M_2	13	42	26
			c	5.0	1.7	2.5
			$n_{2\,Eck}$	562	485	577
			$n_{2\,th}$	562	445	503
8.167	128	0.86	M_2	15	48	30
			c	6.0	2.0	3.0
			$n_{2\,Eck}$	484	418	496
			$n_{2\,th}$	456	372	401
8.991	103	0.44	M_2	16	54	34
			c	4.4	1.5	2.2
			$n_{2\,Eck}$	439	379	451
			$n_{2\,th}$	439	379	450
9.836	106	0.38	M_2	18	59	37
			c	4.1	1.4	2.0
			$n_{2\,Eck}$	402	347	412
			$n_{2\,th}$	402	347	412
11.730	180	0.73	M_2	21	69	44
			c	5.9	2.0	2.9
			$n_{2\,Eck}$	337	291	345
			$n_{2\,th}$	316	256	278
13.067	165	0.70	M_2	24	78	49
			c	4.8	1.6	2.4
			$n_{2\,Eck}$	302	261	310
			$n_{2\,th}$	274	206	240
14.333	164	0.35	M_2	26	85	54
			c	4.4	1.5	2.2
			$n_{2\,Eck}$	276	238	283
			$n_{2\,th}$	276	238	283
16.087	181	0.44	M_2	30	96	60
			c	4.3	1.4	2.1
			$n_{2\,Eck}$	246	212	252
			$n_{2\,th}$	242	181	214
17.920	166	0.43	M_2	33	107	68
			c	3.5	1.2	1.8
			$n_{2\,Eck}$	220	190	226
			$n_{2\,th}$	210	150	178
20.588	182	0.30	M_2	38	123	78
			c	3.4	1.1	1.7
			$n_{2\,Eck}$	192	166	197
			$n_{2\,th}$	192	148	178
22.522	182	0.26	M_2	42	135	85
			c	3.1	1.0	1.5
			$n_{2\,Eck}$	175	151	180
			$n_{2\,th}$	175	138	163
25.088	167	0.25	M_2	47		95
			c	2.5		1.3
			$n_{2\,Eck}$	158		161
			$n_{2\,th}$	157		134

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 187$ Nm

GKS04-3A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
28.727	183	0.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	54 2.4 138 138		109 1.2 141 133
32.000	167	0.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	60 2.0 123 123		
35.191	183	0.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	66 2.0 112 112		
39.200	168	0.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	74 1.6 101 101		
44.240	185	0.09	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	83 1.8 89 89		
50.943	182	0.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	96 1.6 78 72		
56.976	187	0.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	108 1.4 69 69		
64.978	183	0.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	123 1.2 61 59		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

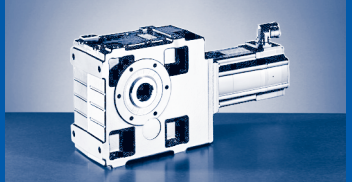
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 331$ Nm

GKS05-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
6.863	147	1.90	M_2		40	25	78	43	70	34
			c		2.7	4.1	1.8	3.1	1.6	3.0
			$n_{2\,Eck}$		497	590	238	291	503	597
			$n_{2\,th}$		389	422	238	291	321	397
9.412	165	1.17	M_2		56	35	107	59	96	48
			c		2.2	3.3	1.5	2.5	1.3	2.4
			$n_{2\,Eck}$		362	430	174	213	367	436
			$n_{2\,th}$		320	347	174	213	248	327
10.569	227	1.60	M_2		62	39	119	66	108	53
			c		2.7	4.1	1.8	3.1	1.6	3.0
			$n_{2\,Eck}$		323	383	155	189	327	388
			$n_{2\,th}$		253	274	155	189	209	258
11.667	251	1.65	M_2		69	43	132	73	119	59
			c		2.7	4.1	1.8	3.1	1.6	3.0
			$n_{2\,Eck}$		292	347	140	171	296	351
			$n_{2\,th}$		229	248	140	171	189	234
13.176	165	0.71	M_2	24	78	49	150	83		67
			c	4.8	1.6	2.4	1.1	1.8		1.8
			$n_{2\,Eck}$	300	259	307	124	152		311
			$n_{2\,th}$	300	231	266	124	152		242
14.494	254	1.05	M_2		86	54	164	91	148	73
			c		2.2	3.3	1.5	2.5	1.3	2.4
			$n_{2\,Eck}$		235	279	113	138	238	283
			$n_{2\,th}$		208	225	113	138	161	212
16.000	280	1.04	M_2		95	59	181	100	164	81
			c		2.2	3.3	1.5	2.5	1.3	2.4
			$n_{2\,Eck}$		213	253	102	125	216	256
			$n_{2\,th}$		188	204	102	125	146	192
17.054	314	1.51	M_2		101	63	193	107	174	86
			c		2.3	3.5	1.6	2.6	1.4	2.6
			$n_{2\,Eck}$		200	238	96	117	203	240
			$n_{2\,th}$		151	165	96	117	119	155
19.216	297	1.47	M_2		114	72	218	121	197	97
			c		2.0	2.9	1.3	2.2	1.1	2.2
			$n_{2\,Eck}$		178	211	85	104	180	213
			$n_{2\,th}$		129	141	85	104	98	132
23.388	329	0.96	M_2		139	87	266	147	240	119
			c		1.8	2.7	1.2	2.0	1.0	2.0
			$n_{2\,Eck}$		146	173	70	86	148	175
			$n_{2\,th}$		119	134	70	86	90	125
26.353	298	0.95	M_2		157	99		167		134
			c		1.4	2.1		1.6		1.6
			$n_{2\,Eck}$		129	154		76		156
			$n_{2\,th}$		94	113		76		98
29.931	330	0.67	M_2	55	178	112		189		153
			c	4.2	1.4	2.1		1.6		1.5
			$n_{2\,Eck}$	132	114	135		67		137
			$n_{2\,th}$	125	92	110		67		96
32.744	331	0.58	M_2	60	195	123		207		167
			c	3.9	1.3	1.9		1.4		1.4
			$n_{2\,Eck}$	121	104	124		61		125
			$n_{2\,th}$	116	85	102		61		88

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 331$ Nm

GKS05-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
36.894	302	0.58	M_2	69	221	139		234		189
			c	3.1	1.0	1.6		1.2		1.1
			$n_{2\,Eck}$	107	92	110		54		111
			$n_{2\,th}$	100	69	82		54		72
41.765	331	0.42	M_2	78	250	158		265		214
			c	3.0	1.0	1.5		1.1		1.1
			$n_{2\,Eck}$	95	82	97		48		98
			$n_{2\,th}$	95	71	84		48		73
47.059	304	0.41	M_2	88		178		299		241
			c	2.8		1.4		1.0		1.0
			$n_{2\,Eck}$	84		86		43		87
			$n_{2\,th}$	84		72		43		63
51.162	331	0.32	M_2	95		194		326		262
			c	2.8		1.4		1.0		1.0
			$n_{2\,Eck}$	77		79		39		80
			$n_{2\,th}$	77		74		39		66
57.647	307	0.32	M_2	108		219				
			c	2.3		1.1				
			$n_{2\,Eck}$	69		70				
			$n_{2\,th}$	69		61				
66.592	331	0.20	M_2	125		253				
			c	2.2		1.1				
			$n_{2\,Eck}$	59		61				
			$n_{2\,th}$	59		61				
75.033	310	0.20	M_2	141						
			c	1.8						
			$n_{2\,Eck}$	53						
			$n_{2\,th}$	53						
82.833	331	0.14	M_2	156						
			c	1.7						
			$n_{2\,Eck}$	48						
			$n_{2\,th}$	48						
93.333	315	0.14	M_2	176						
			c	1.5						
			$n_{2\,Eck}$	42						
			$n_{2\,th}$	42						
107.196	331	0.09	M_2	203						
			c	1.3						
			$n_{2\,Eck}$	37						
			$n_{2\,th}$	37						
120.784	315	0.09	M_2	229						
			c	1.3						
			$n_{2\,Eck}$	33						
			$n_{2\,th}$	33						
130.097	331	0.07	M_2	247						
			c	1.2						
			$n_{2\,Eck}$	30						
			$n_{2\,th}$	30						
146.588	315	0.07	M_2	278						
			c	1.0						
			$n_{2\,Eck}$	27						
			$n_{2\,th}$	27						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

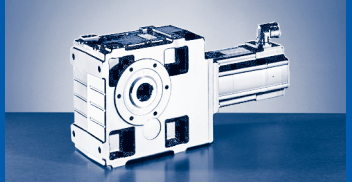
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 283$ Nm

GKS05-4A				10IC40
				...S00
i	$M_{2\,GN}$	J_G	M_1	2.00
			n_1	3950
			$I_{M\,400}$	2.4
			P_N	0.80
			J_M	2.44
114.987	256	0.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	215 1.1 34 34
126.933	283	0.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	237 1.1 31 31

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 702$ Nm

GKS06-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
6.485	263	5.87	M_2				72	39	65	32	131	65	116	57
			c				3.5	5.8	3.0	5.7	1.9	3.4	1.7	3.2
			$n_{2\,Eck}$				252	308	533	632	259	355	537	634
			$n_{2\,th}$				252	308	354	404	259	355	294	359
9.196	373	5.05	M_2				102	56	92	45	186	92	165	81
			c				3.5	5.8	3.0	5.7	1.9	3.4	1.7	3.2
			$n_{2\,Eck}$				178	218	376	446	183	250	378	447
			$n_{2\,th}$				178	217	249	285	183	250	207	253
10.147	412	4.86	M_2				113	61	102	49	205	101	182	89
			c				3.5	5.8	3.0	5.7	1.9	3.4	1.7	3.2
			$n_{2\,Eck}$				161	197	341	404	166	227	343	405
			$n_{2\,th}$				161	197	226	258	166	227	188	230
11.382	331	2.49	M_2		66	41	128	70	115	57	232	115	205	101
			c		3.7	5.5	2.5	4.2	2.2	4.1	1.4	2.5	1.2	2.3
			$n_{2\,Eck}$		300	356	144	176	304	360	148	202	306	361
			$n_{2\,th}$		284	306	144	176	253	289	148	202	190	257
12.612	426	3.20	M_2				141	77	127	62	256	127	227	112
			c				2.9	4.8	2.5	4.7	1.6	2.9	1.4	2.7
			$n_{2\,Eck}$				130	159	274	325	133	182	276	326
			$n_{2\,th}$				130	159	203	232	133	182	160	207
14.824	600	4.29	M_2				165	90	149	72	300	148	266	131
			c				3.5	5.8	3.0	5.7	1.9	3.4	1.7	3.2
			$n_{2\,Eck}$				110	135	233	277	113	155	235	277
			$n_{2\,th}$				110	135	155	177	113	155	129	157
16.699	604	4.16	M_2				186	102	168	82	339	168	300	148
			c				3.1	5.2	2.7	5.0	1.7	3.1	1.5	2.9
			$n_{2\,Eck}$				98	120	207	246	101	138	208	246
			$n_{2\,th}$				98	120	134	153	101	138	107	136
17.809	518	2.13	M_2		104	64	200	110	180	88	362	180	321	158
			c		3.7	5.5	2.5	4.2	2.2	4.1	1.4	2.5	1.2	2.3
			$n_{2\,Eck}$		192	227	92	112	194	230	94	129	195	231
			$n_{2\,th}$		182	196	92	112	162	185	94	129	122	165
20.329	665	2.79	M_2				227	124	205	100	413	205	365	180
			c				2.8	4.7	2.4	4.6	1.5	2.8	1.4	2.6
			$n_{2\,Eck}$				80	98	170	202	83	113	171	202
			$n_{2\,th}$				80	98	125	143	83	113	98	127
22.902	606	2.73	M_2				258	141	233	114	466	232	413	204
			c				2.3	3.8	2.0	3.7	1.3	2.2	1.1	2.1
			$n_{2\,Eck}$				71	87	151	179	73	100	152	180
			$n_{2\,th}$				71	87	106	122	73	100	78	108
26.017	679	1.94	M_2		152	95	293	161	264	130	530	264	469	232
			c		3.3	4.9	2.2	3.7	1.9	3.6	1.2	2.2	1.1	2.1
			$n_{2\,Eck}$		131	156	63	77	133	158	65	88	134	158
			$n_{2\,th}$		122	131	63	77	107	124	65	88	79	110
28.461	682	1.67	M_2		167	104	321	177	290	142	580	289	514	254
			c		3.1	4.5	2.0	3.4	1.8	3.3	1.1	2.0	1.0	1.9
			$n_{2\,Eck}$		120	142	58	70	121	144	59	81	122	144
			$n_{2\,th}$		113	122	57	70	97	115	59	81	73	101
32.063	610	1.63	M_2		189	118	363	200	328	162		327		288
			c		2.4	3.6	1.6	2.7	1.4	2.7		1.6		1.5
			$n_{2\,Eck}$		106	126	51	62	108	128		72		128
			$n_{2\,th}$		96	104	51	62	76	98		72		79

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

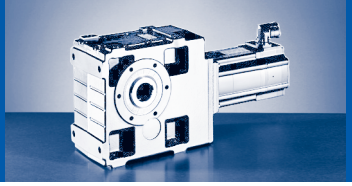
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 702$ Nm

GKS06-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
36.303	685	1.18	M_2		214	134	411	227	371	183		370		326
			c		2.4	3.6	1.6	2.7	1.4	2.6		1.6		1.5
			$n_{2\,Eck}$		94	112	45	55	95	113		63		113
			$n_{2\,th}$		94	101	45	55	76	96		63		79
41.472	689	2.11	M_2				471	260	424	210		424		373
			c				1.4	2.4	1.2	2.3		1.4		1.3
			$n_{2\,Eck}$				39	48	83	99		56		99
			$n_{2\,th}$				39	48	45	61		49		47
44.471	689	0.90	M_2		263	165	505	279	455	225		454		400
			c		2.2	3.3	1.4	2.4	1.3	2.5		1.5		1.4
			$n_{2\,Eck}$		77	91	37	45	78	92		52		92
			$n_{2\,th}$		77	91	37	45	70	81		52		70
53.074	695	1.52	M_2		315	198	604	334	544	269		543		478
			c		1.9	2.8	1.2	2.1	1.1	2.1		1.3		1.2
			$n_{2\,Eck}$		64	76	31	38	65	77		43		77
			$n_{2\,th}$		52	58	31	38	39	54		41		40
57.882	695	0.58	M_2	105	344	216	659	365	594	294				
			c	5.2	1.7	2.6	1.1	1.9	1.0	1.9				
			$n_{2\,Eck}$	68	59	70	28	35	60	71				
			$n_{2\,th}$	68	59	70	28	35	58	62				
65.207	624	0.57	M_2	120	389	245		413		333				
			c	4.2	1.4	2.1		1.5		1.5				
			$n_{2\,Eck}$	61	52	62		31		63				
			$n_{2\,th}$	61	52	62		31		55				
72.000	702	0.42	M_2	132	429	270		456		367				
			c	4.2	1.4	2.1		1.5		1.6				
			$n_{2\,Eck}$	55	47	56		28		57				
			$n_{2\,th}$	55	47	56		28		50				
81.111	630	0.42	M_2	150	485	306		515		415				
			c	3.4	1.1	1.7		1.2		1.2				
			$n_{2\,Eck}$	49	42	50		25		51				
			$n_{2\,th}$	49	42	50		25		44				
93.176	702	0.26	M_2	173	557	352								
			c	3.3	1.1	1.6								
			$n_{2\,Eck}$	42	37	44								
			$n_{2\,th}$	42	37	43								
104.967	635	0.25	M_2	196		398								
			c	2.6		1.3								
			$n_{2\,Eck}$	38		39								
			$n_{2\,th}$	38		39								
113.082	702	0.19	M_2	210		427								
			c	3.0		1.5								
			$n_{2\,Eck}$	35		36								
			$n_{2\,th}$	35		36								
127.392	635	0.19	M_2	238		483								
			c	2.4		1.2								
			$n_{2\,Eck}$	31		32								
			$n_{2\,th}$	31		32								
142.941	702	0.12	M_2	268										
			c	2.4										
			$n_{2\,Eck}$	28										
			$n_{2\,th}$	28										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 702$ Nm

GKS06-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
161.029	635	0.12	M_2	303										
			c	1.9										
			$n_{2\,Eck}$	25										
			$n_{2\,th}$	25										
190.080	702	0.23	M_2	358										
			c	1.8										
			$n_{2\,Eck}$	21										
			$n_{2\,th}$	21										
214.133	635	0.23	M_2	405										
			c	1.4										
			$n_{2\,Eck}$	19										
			$n_{2\,th}$	18										
230.688	702	0.17	M_2	436										
			c	1.5										
			$n_{2\,Eck}$	17										
			$n_{2\,th}$	17										
259.880	635	0.17	M_2	493										
			c	1.2										
			$n_{2\,Eck}$	15										
			$n_{2\,th}$	15										
291.600	702	0.11	M_2	553										
			c	1.2										
			$n_{2\,Eck}$	14										
			$n_{2\,th}$	14										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

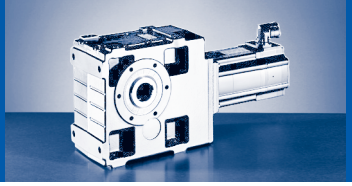
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 702$ Nm

GKS06-4A				10IC40	13IC41
				...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	4.00
			n_1	3950	4050
			$I_{M\,400}$	2.4	4.4
			P_N	0.80	1.70
			J_M	2.44	8.34
103.721	685	0.30	M_2	190	386
			c	2.9	1.4
			$n_{2\,Eck}$	38	39
			$n_{2\,th}$	38	39
113.205	537	0.23	M_2	208	422
			c	2.3	1.2
			$n_{2\,Eck}$	35	36
			$n_{2\,th}$	35	36
127.059	689	0.26	M_2	233	473
			c	2.7	1.3
			$n_{2\,Eck}$	31	32
			$n_{2\,th}$	31	32
140.816	537	0.21	M_2	261	
			c	1.9	
			$n_{2\,Eck}$	28	
			$n_{2\,th}$	28	
155.647	689	0.19	M_2	287	581
			c	2.2	1.1
			$n_{2\,Eck}$	25	26
			$n_{2\,th}$	25	26
174.336	537	0.11	M_2	324	
			c	1.5	
			$n_{2\,Eck}$	23	
			$n_{2\,th}$	23	
202.588	695	0.17	M_2	376	
			c	1.7	
			$n_{2\,Eck}$	20	
			$n_{2\,th}$	20	
224.524	537	0.07	M_2	419	
			c	1.2	
			$n_{2\,Eck}$	18	
			$n_{2\,th}$	18	
252.000	702	0.16	M_2	469	
			c	1.4	
			$n_{2\,Eck}$	16	
			$n_{2\,th}$	16	
316.800	702	0.10	M_2	591	
			c	1.1	
			$n_{2\,Eck}$	13	
			$n_{2\,th}$	12	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

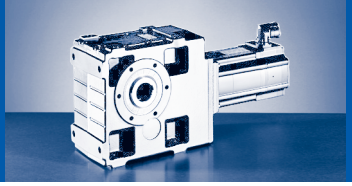


$M_{2\,GN} \leq 1330$ Nm

GKS07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
5.955	471	19.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								118 3.7 282 282	
8.254	541	11.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								165 3.1 204 204	81 5.5 279 279
9.171	725	16.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								182 3.7 183 183	
10.124	800	15.88	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								201 3.7 166 166	
11.378	613	7.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				125 4.6 144 144		113 4.0 304 248		229 2.5 148 148	112 4.6 202 202
12.711	832	10.16	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								254 3.1 132 132	124 5.5 181 181
14.798	1040	14.31	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								295 3.3 114 114	144 5.9 155 153
16.674	1071	13.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								333 3.0 101 101	163 5.4 138 134
17.270	998	7.26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				189 4.9 95 95		171 4.3 200 159		346 2.7 97 97	170 4.9 133 133
20.511	1110	9.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								412 2.6 82 82	202 4.6 112 112
23.111	1168	8.91	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								465 2.4 73 73	229 4.3 100 100
25.244	1177	6.72	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				279 4.0 65 65		252 3.4 137 104		509 2.2 67 67	251 3.9 91 91
28.274	1202	5.57	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				313 3.6 58 58		284 3.1 122 95	137 5.9 145 108	571 2.0 59 59	282 3.6 81 81

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1330$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS07-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
105		203	89	202	65	346	136	311	94	M_2	19.30	471	5.955
3.3		2.2	4.4	1.7	4.9	1.3	2.9	1.1	3.5	c			
584		286	393	589	697	287	418	591	699	$n_{2\,Eck}$			
335		285	357	273	367	230	323	215	338	$n_{2\,th}$			
146	71	282	124	281	91	481	190		131	M_2	11.80	541	8.254
2.7	5.2	1.8	3.7	1.4	4.1	1.1	2.4		2.9	c			
422	498	206	284	425	503	207	302		504	$n_{2\,Eck}$			
268	307	206	284	206	292	178	244		244	$n_{2\,th}$			
161		312	137	311	100	533	210	478	144	M_2	16.00	725	9.171
3.3		2.2	4.4	1.7	4.9	1.3	2.9	1.1	3.5	c			
380		185	255	383	453	187	272	384	454	$n_{2\,Eck}$			
217		185	232	177	238	150	210	140	220	$n_{2\,th}$			
178		345	151	343	111	589	232	528	159	M_2	15.88	800	10.124
3.3		2.2	4.4	1.7	4.9	1.3	2.9	1.1	3.5	c			
344		168	231	347	410	169	246	348	411	$n_{2\,Eck}$			
197		168	210	160	216	135	190	127	199	$n_{2\,th}$			
203	99	390	172	388	126		263		181	M_2	7.02	613	11.378
2.3	4.3	1.5	3.0	1.2	3.4		2.0		2.4	c			
306	361	149	206	309	365		219		366	$n_{2\,Eck}$			
220	252	149	206	162	215		177		177	$n_{2\,th}$			
225	110	434	191	433	140	741	293		201	M_2	10.16	832	12.711
2.7	5.2	1.8	3.7	1.4	4.1	1.1	2.4		2.9	c			
274	323	134	184	276	327	135	196		327	$n_{2\,Eck}$			
174	199	134	184	134	190	116	158		158	$n_{2\,th}$			
262	127	505	222	503	163	862	340	773	234	M_2	14.31	1040	14.798
2.9	5.6	2.0	3.9	1.6	4.4	1.2	2.5	1.0	3.1	c			
235	278	115	158	237	280	116	168	238	281	$n_{2\,Eck}$			
131	151	115	140	102	144	87	126	82	133	$n_{2\,th}$			
296	144	570	251	568	184	972	384		264	M_2	13.97	1071	16.674
2.7	5.1	1.8	3.6	1.4	4.0	1.1	2.3		2.8	c			
209	247	102	140	211	249	103	149		250	$n_{2\,Eck}$			
114	132	99	122	86	125	74	110		115	$n_{2\,th}$			
307	150	592	261	589	191		399		274	M_2	7.26	998	17.270
2.4	4.6	1.6	3.2	1.3	3.6		2.1		2.6	c			
202	238	98	136	203	240		144		241	$n_{2\,Eck}$			
141	162	98	136	104	142		117		117	$n_{2\,th}$			
365	179	703	311	700	228		474		326	M_2	9.08	1110	20.511
2.3	4.3	1.5	3.0	1.2	3.4		2.0		2.4	c			
170	200	83	114	171	202		121		203	$n_{2\,Eck}$			
103	119	83	110	75	113		98		98	$n_{2\,th}$			
412	202	793	351	789	257		535		368	M_2	8.91	1168	23.111
2.1	4.0	1.4	2.8	1.1	3.2		1.8		2.2	c			
151	178	74	101	152	180		108		180	$n_{2\,Eck}$			
90	104	73	96	65	99		84		87	$n_{2\,th}$			
451	221	868	384	863	282		586		403	M_2	6.72	1177	25.244
2.0	3.7	1.3	2.6	1.0	2.9		1.7		2.1	c			
138	163	67	93	139	164		99		165	$n_{2\,Eck}$			
91	106	67	93	64	97		80		80	$n_{2\,th}$			
506	249	973	431		317		657		452	M_2	5.57	1202	28.274
1.8	3.4	1.2	2.4		2.7		1.5		1.9	c			
123	145	60	83		147		88		147	$n_{2\,Eck}$			
81	97	60	83		87		71		71	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

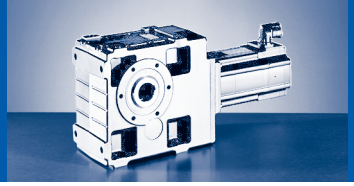
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1330$ Nm

GKS07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
31.858	1172	5.47	M_2				355	194	321	156	646	320
			c				3.1	5.3	2.7	5.1	1.7	3.1
			$n_{2\,Eck}$				51	63	109	129	53	72
			$n_{2\,th}$				51	63	82	93	53	72
36.063	1290	3.65	M_2		208		402	220	364	177	731	362
			c		4.6		3.1	5.1	2.6	5.0	1.7	3.0
			$n_{2\,Eck}$		95		45	56	96	114	47	64
			$n_{2\,th}$		94		45	55	84	96	47	64
40.906	1290	6.93	M_2								831	412
			c								1.5	2.7
			$n_{2\,Eck}$								41	56
			$n_{2\,th}$								41	54
44.178	1300	2.78	M_2				495	270	446	218	898	444
			c				2.6	4.6	2.5	4.7	1.4	2.8
			$n_{2\,Eck}$				37	45	78	93	38	52
			$n_{2\,th}$				37	45	74	81	38	52
50.345	1300	5.30	M_2				566	310	510	250	1025	508
			c				2.3	4.1	2.2	4.1	1.3	2.5
			$n_{2\,Eck}$				33	40	69	81	33	46
			$n_{2\,th}$				32	40	47	54	33	46
57.501	1310	1.75	M_2		336	210	649	356	584	287	1173	582
			c		3.3	4.9	2.0	3.6	1.9	3.6	1.1	2.2
			$n_{2\,Eck}$		59	70	28	35	60	71	29	40
			$n_{2\,th}$		59	70	28	35	60	62	29	40
64.790	1195	1.73	M_2		381	238	734	404	661	326		659
			c		2.7	4.0	1.6	2.9	1.6	2.9		1.8
			$n_{2\,Eck}$		53	63	25	31	53	63		36
			$n_{2\,th}$		53	63	25	31	52	55		36
70.474	1320	1.30	M_2		414	259	798	439	719	354		717
			c		2.7	4.0	1.6	2.9	1.6	3.0		1.8
			$n_{2\,Eck}$		48	58	23	28	49	58		33
			$n_{2\,th}$		48	57	23	28	49	51		33
79.407	1205	1.28	M_2		469	295	902	498	812	401		811
			c		2.2	3.3	1.3	2.4	1.3	2.4		1.5
			$n_{2\,Eck}$		43	51	21	25	44	52		29
			$n_{2\,th}$		43	51	21	25	44	45		29
92.563	1330	0.81	M_2		548	344	1052	581	948	468		
			c		2.1	3.1	1.3	2.3	1.2	2.3		
			$n_{2\,Eck}$		37	44	18	22	37	44		
			$n_{2\,th}$		37	44	18	22	37	39		
104.296	1215	0.80	M_2	190	620	390	1189	658		530		
			c	5.1	1.7	2.5	1.0	1.8		1.9		
			$n_{2\,Eck}$	38	33	39	16	19		39		
			$n_{2\,th}$	38	33	39	16	19		34		
112.338	1330	0.59	M_2	203	666	419	1280	708	1151	570		
			c	5.7	1.9	2.8	1.0	1.9	1.1	2.1		
			$n_{2\,Eck}$	35	30	36	15	18	31	37		
			$n_{2\,th}$	35	30	36	15	18	31	32		
126.578	1215	0.59	M_2	231	753	474		801		645		
			c	4.6	1.5	2.3		1.5		1.7		
			$n_{2\,Eck}$	31	27	32		16		32		
			$n_{2\,th}$	31	27	32		16		28		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1330$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS07-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
572	282	1098	488		358		742		511	M_2	5.47	1172	31.858
1.5	2.9	1.0	2.1		2.3		1.3		1.6	c			
109	129	53	74		130		78		131	$n_{2\,Eck}$			
66	83	53	73		77		61		63	$n_{2\,th}$			
647	319		553		406					M_2	3.65	1290	36.063
1.5	2.8		2.0		2.2					c			
97	114		65		115					$n_{2\,Eck}$			
67	86		65		68					$n_{2\,th}$			
736	363		628		461		954		658	M_2	6.93	1290	40.906
1.3	2.5		1.8		2.0		1.1		1.4	c			
85	101		57		102		61		102	$n_{2\,Eck}$			
40	53		47		50		37		41	$n_{2\,th}$			
794	392		678		498					M_2	2.78	1300	44.178
1.4	2.7		1.9		2.1					c			
79	93		53		94					$n_{2\,Eck}$			
60	70		53		55					$n_{2\,th}$			
906	448		774		569		1176		810	M_2	5.30	1300	50.345
1.2	2.3		1.6		1.8		1.1		1.3	c			
69	82		47		82		50		83	$n_{2\,Eck}$			
35	48		41		44		33		36	$n_{2\,th}$			
1037	513									M_2	1.75	1310	57.501
1.1	2.1									c			
61	72									$n_{2\,Eck}$			
49	54									$n_{2\,th}$			
	581									M_2	1.73	1195	64.790
	1.7									c			
	63									$n_{2\,Eck}$			
	48									$n_{2\,th}$			
	631									M_2	1.30	1320	70.474
	1.7									c			
	58									$n_{2\,Eck}$			
	44									$n_{2\,th}$			
	714									M_2	1.28	1205	79.407
	1.4									c			
	52									$n_{2\,Eck}$			
	39									$n_{2\,th}$			
										M_2	0.81	1330	92.563
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.80	1215	104.296
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.59	1330	112.338
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			
										M_2	0.59	1215	126.578
										c			
										$n_{2\,Eck}$			
										$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

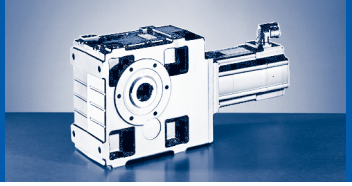
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1330$ Nm

GKS07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
140.548	1330	1.11	M_2		836	527		890		716		
			c		1.5	2.3		1.5		1.7		
			$n_{2\,Eck}$		24	29		14		29		
			$n_{2\,th}$		24	29		14		26		
158.364	1215	1.11	M_2		945	596		1006		809		
			c		1.2	1.8		1.2		1.4		
			$n_{2\,Eck}$		22	26		13		26		
			$n_{2\,th}$		22	26		13		23		
184.600	1330	0.69	M_2	342	1103	696		1173		944		
			c	3.5	1.2	1.7		1.1		1.3		
			$n_{2\,Eck}$	21	19	22		11		22		
			$n_{2\,th}$	21	18	22		11		19		
208.000	1215	0.69	M_2	388		787				1067		
			c	2.8		1.4				1.0		
			$n_{2\,Eck}$	19		20				20		
			$n_{2\,th}$	19		19				17		
224.037	1330	0.51	M_2	417		848				1149		
			c	2.9		1.4				1.0		
			$n_{2\,Eck}$	18		18				18		
			$n_{2\,th}$	18		18				16		
252.436	1215	0.51	M_2	473		958						
			c	2.3		1.2						
			$n_{2\,Eck}$	16		16						
			$n_{2\,th}$	16		16						
283.193	1330	0.33	M_2	531		1075						
			c	2.3		1.1						
			$n_{2\,Eck}$	14		14						
			$n_{2\,th}$	14		14						
319.091	1215	0.33	M_2	601								
			c	1.8								
			$n_{2\,Eck}$	12								
			$n_{2\,th}$	12								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1330$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS07-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	3520	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.11	1330	140.548
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.11	1215	158.364
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.69	1330	184.600
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.69	1215	208.000
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.51	1330	224.037
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.51	1215	252.436
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	1330	283.193
										M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	1215	319.091

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

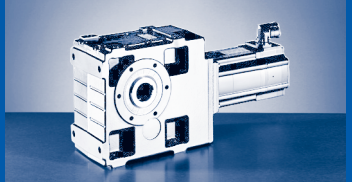
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1330$ Nm

GKS07-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
103.039	1290	0.84	M_2	183	601	378	1153	638	1038	514
			c	5.5	1.8	2.7	1.1	2.0	1.1	2.0
			$n_{2\,Eck}$	38	33	39	16	19	34	40
			$n_{2\,th}$	38	33	39	16	19	34	35
112.391	1053	0.63	M_2	202	657	414		699		563
			c	4.6	1.5	2.3		1.5		1.7
			$n_{2\,Eck}$	35	30	36		18		37
			$n_{2\,th}$	35	30	36		18		32
126.222	1300	0.73	M_2	226	737	464		784		631
			c	5.0	1.7	2.5		1.7		1.8
			$n_{2\,Eck}$	31	27	32		16		33
			$n_{2\,th}$	31	27	32		16		28
137.748	1053	0.57	M_2	250	808	510		860		692
			c	3.7	1.3	1.9		1.2		1.4
			$n_{2\,Eck}$	29	25	29		15		30
			$n_{2\,th}$	29	25	29		15		26
154.622	1300	0.53	M_2	279	906	571		964		775
			c	4.1	1.4	2.0		1.3		1.5
			$n_{2\,Eck}$	26	22	26		13		27
			$n_{2\,th}$	26	22	26		13		23
179.201	1053	0.28	M_2	328		666				
			c	2.9		1.4				
			$n_{2\,Eck}$	22		23				
			$n_{2\,th}$	22		23				
201.254	1310	0.45	M_2	367	1183	747		1258		1013
			c	3.2	1.1	1.6		1.0		1.2
			$n_{2\,Eck}$	20	17	20		10		20
			$n_{2\,th}$	20	17	20		10		18
222.909	1053	0.20	M_2	410		831				
			c	2.3		1.2				
			$n_{2\,Eck}$	18		18				
			$n_{2\,th}$	18		18				
246.659	1320	0.42	M_2	453		918				
			c	2.6		1.3				
			$n_{2\,Eck}$	16		16				
			$n_{2\,th}$	16		16				
273.199	1053	0.18	M_2	505						
			c	1.9						
			$n_{2\,Eck}$	15						
			$n_{2\,th}$	14						
321.049	1320	0.26	M_2	593						
			c	2.0						
			$n_{2\,Eck}$	12						
			$n_{2\,th}$	12						
358.829	1053	0.17	M_2	667						
			c	1.4						
			$n_{2\,Eck}$	11						
			$n_{2\,th}$	11						
399.353	1320	0.18	M_2	741						
			c	1.6						
			$n_{2\,Eck}$	10						
			$n_{2\,th}$	10						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1330$ Nm

GKS07-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
464.367	1053	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	866 1.1 9 9						
516.810	1320	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	963 1.3 8 8						
636.581	1330	0.16	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1189 1.0 6 6						

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

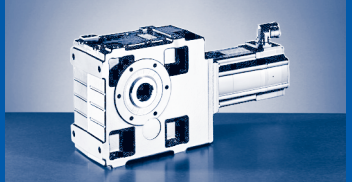
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
12.283	1615	34.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
13.360	1757	33.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
16.122	1801	22.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					314 5.3 104 104		280 4.7 216 141	
17.536	1958	22.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					342 5.3 96 96		304 4.7 199 129	
19.541	2570	30.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
22.022	2672	29.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
25.649	2862	20.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					500 5.3 66 66		445 4.7 136 88	
29.228	2914	15.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					574 4.7 58 57		510 4.2 119 83	
32.940	2984	15.60	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					650 4.3 51 51		577 3.8 106 72	
35.193	2670	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			344 5.6 98 83					
35.193	3029	12.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					696 4.1 48 48		618 3.6 99 75	
39.662	3002	12.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			387 5.6 87 73		788 3.6 42 42		699 3.2 88 65	339 6.0 104 74
43.146	3024	9.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					859 3.4 39 39		760 3.3 81 66	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS09-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
412		412		708	276	636	188	M_2	34.20	1615	12.283
3.7		2.9		2.2	4.8	1.9	5.8	c			
138		286		139	203	287	339	$n_{2\,Eck}$			
138		146		135	163	129	164	$n_{2\,th}$			
448		448		770	300	691	205	M_2	33.40	1757	13.360
3.7		2.9		2.2	4.8	1.9	5.8	c			
127		263		128	186	264	311	$n_{2\,Eck}$			
127		134		124	150	119	151	$n_{2\,th}$			
544		543		932	365	837	250	M_2	22.60	1801	16.122
3.1		2.5		1.8	4.0	1.6	4.9	c			
105		218		106	154	218	258	$n_{2\,Eck}$			
105		122		106	125	103	125	$n_{2\,th}$			
591		590		1014	397	910	271	M_2	22.20	1958	17.536
3.1		2.5		1.8	4.0	1.6	4.9	c			
97		200		98	142	201	237	$n_{2\,Eck}$			
97		112		98	115	95	115	$n_{2\,th}$			
655		655		1126	439	1011	300	M_2	30.60	2570	19.541
3.7		2.9		2.2	4.8	1.9	5.8	c			
87		180		88	127	180	213	$n_{2\,Eck}$			
87		91		85	102	81	103	$n_{2\,th}$			
740		740		1271	496	1141	339	M_2	29.90	2672	22.022
3.4		2.7		2.0	4.4	1.8	5.4	c			
77		159		78	113	160	189	$n_{2\,Eck}$			
77		80		74	89	69	91	$n_{2\,th}$			
865		864		1483	580	1331	397	M_2	20.50	2862	25.649
3.1		2.5		1.8	4.0	1.6	4.9	c			
66		137		67	97	137	162	$n_{2\,Eck}$			
66		77		67	79	65	79	$n_{2\,th}$			
989	431	987		1693	664	1520	455	M_2	15.90	2914	29.228
2.8	5.6	2.2		1.6	3.6	1.4	4.4	c			
58	80	120		59	85	120	142	$n_{2\,Eck}$			
58	80	72		59	69	58	69	$n_{2\,th}$			
1118	488	1115	357	1911	751	1715	515	M_2	15.60	2984	32.940
2.5	5.1	2.0	5.7	1.5	3.3	1.3	4.0	c			
52	71	107	126	52	76	107	126	$n_{2\,Eck}$			
52	71	62	74	52	61	49	61	$n_{2\,th}$			
								M_2	12.20	2670	35.193
								c			
								$n_{2\,Eck}$			
								$n_{2\,th}$			
1196	523	1192	383	2044	804	1834	552	M_2	12.20	3029	35.193
2.4	4.8	1.9	5.4	1.4	3.1	1.2	3.8	c			
48	67	100	118	49	71	100	118	$n_{2\,Eck}$			
48	66	64	70	49	57	50	57	$n_{2\,th}$			
1352	593	1347	434	2307	910	2070	625	M_2	12.00	3002	39.662
2.1	4.2	1.7	4.7	1.2	2.7	1.1	3.3	c			
43	59	89	105	43	63	89	105	$n_{2\,Eck}$			
43	59	53	62	43	51	42	51	$n_{2\,th}$			
1472	644	1464	471	2511	988	2251	678	M_2	9.00	3024	43.146
2.0	4.4	1.8	5.0	1.2	2.9	1.2	3.5	c			
39	54	81	96	40	58	82	96	$n_{2\,Eck}$			
39	54	55	57	40	47	45	47	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

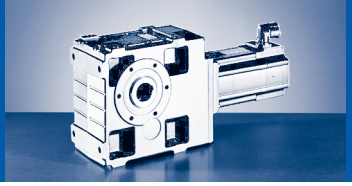
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
48.625	3017	8.87	M_2					972	473	860	418
			c					3.0	6.0	3.0	5.6
			$n_{2\,Eck}$					35	47	72	85
			$n_{2\,th}$					35	47	57	64
58.456	2977	5.54	M_2	642		579					
			c	4.5		4.3					
			$n_{2\,Eck}$	28		59					
			$n_{2\,th}$	28		59					
58.456	3031	5.54	M_2					1174	575	1039	507
			c					2.5	5.0	2.5	4.7
			$n_{2\,Eck}$					29	39	60	70
			$n_{2\,th}$					29	39	53	53
65.879	3048	5.47	M_2	727		655		1327	651	1174	575
			c	4.1		3.9		2.3	4.4	2.2	4.2
			$n_{2\,Eck}$	25		52		26	35	53	62
			$n_{2\,th}$	25		52		26	35	47	47
70.982	3031	4.14	M_2	786		708		1433	704	1267	621
			c	3.8		3.6		2.1	4.1	2.0	3.8
			$n_{2\,Eck}$	23		49		24	32	49	58
			$n_{2\,th}$	23		49		24	32	44	44
79.996	3071	4.10	M_2	889		801		1619	797	1431	703
			c	3.4		3.2		1.9	3.7	1.8	3.5
			$n_{2\,Eck}$	20		43		21	29	44	51
			$n_{2\,th}$	20		43		21	29	39	39
91.860	3031	2.63	M_2	1026	559	925	450	1864	921	1648	812
			c	2.9	5.2	2.8	5.2	1.6	3.2	1.6	3.0
			$n_{2\,Eck}$	18	22	38	45	18	25	38	45
			$n_{2\,th}$	18	22	38	39	18	25	34	34
103.524	3080	2.61	M_2	1160	633	1045	510	2104	1041	1860	918
			c	2.6	4.7	2.5	4.7	1.5	2.9	1.4	2.7
			$n_{2\,Eck}$	16	19	33	40	16	22	34	40
			$n_{2\,th}$	16	19	33	35	16	22	30	30
111.484	3031	1.92	M_2	1252	685	1125	549	2269	1124	2003	988
			c	2.4	4.3	2.5	4.8	1.3	2.7	1.4	2.7
			$n_{2\,Eck}$	15	18	31	37	15	21	31	37
			$n_{2\,th}$	15	18	31	32	15	21	28	28
125.641	3080	1.90	M_2	1415	776	1272	622	2560	1270	2261	1116
			c	2.2	3.9	2.3	4.3	1.2	2.4	1.3	2.5
			$n_{2\,Eck}$	13	16	28	33	13	18	28	33
			$n_{2\,th}$	13	16	28	29	13	18	25	25
140.921	2973	1.26	M_2	1591	874	1430	702				
			c	1.9	3.4	2.0	3.8				
			$n_{2\,Eck}$	12	14	25	29				
			$n_{2\,th}$	12	14	25	25				
158.816	3080	1.25	M_2	1797	989	1615	794				
			c	1.7	3.1	1.8	3.4				
			$n_{2\,Eck}$	10	13	22	26				
			$n_{2\,th}$	10	13	22	23				
182.000	3031	2.25	M_2	2064	1139	1856	915		1855		1631
			c	1.5	2.6	1.6	2.9		1.6		1.7
			$n_{2\,Eck}$	9	11	19	23		13		23
			$n_{2\,th}$	9	11	19	20		13		17

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS09-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
1662 1.8 35 35	730 3.9 48 48	1653 1.6 72 46	534 4.4 85 50	2834 1.1 35 35	1118 2.6 51 41	2540 1.0 72 38	768 3.1 86 41	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.87	3017	48.625
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.54	2977	58.456
2005 1.5 29 29	883 3.3 40 40	1993 1.3 60 42	647 3.7 71 42					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.54	3031	58.456
2263 1.3 26 26	999 2.9 36 36	2249 1.2 53 36	733 3.3 63 37					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.47	3048	65.879
2441 1.2 24 24	1079 2.7 33 33	2425 1.1 50 35	792 3.0 59 35					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.14	3031	70.982
2755 1.1 21 21	1220 2.4 29 29		895 2.7 52 31					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.10	3071	79.996
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.63	3031	91.860
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.61	3080	103.524
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.92	3031	111.484
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.90	3080	125.641
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.26	2973	140.921
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.25	3080	158.816
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.25	3031	182.000

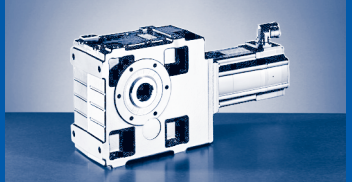
M ... [Nm]
n ... [r/min]
J ... [kgcm^2]
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
205.111	3080	2.24	M_2	2330	1287	2095	1034		2094		1841
			c	1.3	2.4	1.4	2.6		1.5		1.5
			$n_{2\,Eck}$	8	10	17	20		11		20
			$n_{2\,th}$	8	10	17	18		11		15
220.882	3031	1.66	M_2	2512	1389	2259	1116		2258		1985
			c	1.2	2.2	1.3	2.4		1.3		1.4
			$n_{2\,Eck}$	7	9	16	19		10		19
			$n_{2\,th}$	7	9	16	16		10		14
248.930	3080	1.65	M_2	2835	1568	2550	1261		2548		2241
			c	1.1	1.9	1.2	2.2		1.2		1.2
			$n_{2\,Eck}$	7	8	14	17		9		17
			$n_{2\,th}$	7	8	14	14		9		13
279.205	3031	1.10	M_2		1764	2864	1418				
			c		1.7	1.0	1.9				
			$n_{2\,Eck}$		7	12	15				
			$n_{2\,th}$		7	12	13				
314.659	3080	1.10	M_2		1991		1602				
			c		1.5		1.7				
			$n_{2\,Eck}$		6		13				
			$n_{2\,th}$		6		11				

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS09-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.24	3080	205.111
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	3031	220.882
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.65	3080	248.930
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.10	3031	279.205
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.10	3080	314.659

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

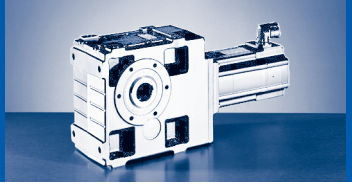
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 3080$ Nm

GKS09-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
100.551	3029	2.48	M_2		570		1106	603	997	486	2008	993	1775	875
			c		4.4		2.7	4.8	2.6	4.9	1.5	2.9	1.5	2.8
			$n_{2\,Eck}$		34		16	20	34	41	17	23	35	41
			$n_{2\,th}$		34		16	20	34	36	17	23	31	31
113.320	3002	2.46	M_2		643		1251	684	1124	549	2267	1123	2001	987
			c		4.3		2.4	4.2	2.5	4.7	1.3	2.6	1.4	2.7
			$n_{2\,Eck}$		30		14	18	31	36	15	20	31	36
			$n_{2\,th}$		30		14	18	30	32	15	20	27	27
123.275	3024	2.11	M_2		702	436	1364	747	1226	599	2469	1224	2180	1076
			c		4.0	5.9	2.2	3.9	2.3	4.4	1.2	2.4	1.3	2.5
			$n_{2\,Eck}$		28	33	13	16	28	33	14	19	28	33
			$n_{2\,th}$		28	33	13	16	28	29	14	19	25	25
138.929	3017	2.09	M_2		795	495	1541	846	1385	679	2787	1384	2460	1216
			c		3.5	5.3	1.9	3.5	2.1	3.9	1.1	2.2	1.2	2.2
			$n_{2\,Eck}$		25	29	12	14	25	30	12	17	25	30
			$n_{2\,th}$		25	29	12	14	25	26	12	17	22	22
151.012	3024	1.52	M_2		867	541	1678	922	1508	740		1507	2677	1325
			c		3.3	4.9	1.8	3.2	1.9	3.6		2.0	1.1	2.0
			$n_{2\,Eck}$		23	27	11	13	23	27		15	23	27
			$n_{2\,th}$		23	27	11	13	23	24		15	21	21
170.188	3017	1.51	M_2		981	613	1895	1044	1704	838		1702		1497
			c		2.9	4.3	1.6	2.8	1.7	3.2		1.8		1.8
			$n_{2\,Eck}$		20	24	10	12	20	24		14		24
			$n_{2\,th}$		20	24	10	12	20	21		14		18
204.596	3031	1.24	M_2		1185	743	2285	1261	2054	1013		2053		1805
			c		2.4	3.6	1.3	2.4	1.4	2.7		1.5		1.5
			$n_{2\,Eck}$		17	20	8	10	17	20		11		20
			$n_{2\,th}$		17	20	8	10	17	18		11		15
230.577	3048	1.24	M_2		1340	841	2579	1425	2319	1146		2317		2038
			c		2.2	3.2	1.2	2.1	1.3	2.4		1.3		1.3
			$n_{2\,Eck}$		15	18	7	9	15	18		10		18
			$n_{2\,th}$		15	18	7	9	15	16		10		13
248.439	3031	1.13	M_2		1446	908	2781	1538	2501	1237		2500		2198
			c		2.0	3.0	1.1	2.0	1.2	2.2		1.2		1.2
			$n_{2\,Eck}$		14	16	7	8	14	17		9		17
			$n_{2\,th}$		14	16	7	8	14	14		9		13
279.986	3071	1.13	M_2		1633	1027		1737	2822	1397		2821		2481
			c		1.8	2.7		1.8	1.0	2.0		1.1		1.1
			$n_{2\,Eck}$		12	15		7	12	15		8		15
			$n_{2\,th}$		12	14		7	12	13		8		11
323.365	3031	0.71	M_2	581	1891	1191		2012		1619				
			c	4.6	1.5	2.3		1.5		1.7				
			$n_{2\,Eck}$	12	11	13		6		13				
			$n_{2\,th}$	12	11	13		6		11				
364.427	3071	0.71	M_2	658	2135	1346		2271		1828				
			c	4.1	1.4	2.0		1.4		1.5				
			$n_{2\,Eck}$	11	9	11		6		11				
			$n_{2\,th}$	11	9	11		5		10				
402.234	3031	0.51	M_2	730	2360	1489		2511		2021				
			c	3.7	1.2	1.8		1.2		1.4				
			$n_{2\,Eck}$	10	9	10		5		10				
			$n_{2\,th}$	10	8	10		5		9				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 3080$ Nm

GKS09-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
453.311	3071	0.51	M_2	826	2664	1681		2833		2280				
			c	3.3	1.1	1.6		1.1		1.2				
			$n_{2\,Eck}$	9	8	9		4		9				
			$n_{2\,th}$	9	8	9		4		8				
520.538	3031	0.47	M_2	953		1936				2623				
			c	2.9		1.4				1.0				
			$n_{2\,Eck}$	8		8				8				
			$n_{2\,th}$	8		8				7				
586.638	3080	0.47	M_2	1077		2185								
			c	2.6		1.3								
			$n_{2\,Eck}$	7		7								
			$n_{2\,th}$	7		7								
631.744	3031	0.44	M_2	1163		2355								
			c	2.3		1.2								
			$n_{2\,Eck}$	6		6								
			$n_{2\,th}$	6		6								
711.965	3080	0.44	M_2	1314		2658								
			c	2.1		1.1								
			$n_{2\,Eck}$	6		6								
			$n_{2\,th}$	6		6								
817.551	3031	0.28	M_2	1513										
			c	1.8										
			$n_{2\,Eck}$	5										
			$n_{2\,th}$	5										
921.367	3080	0.28	M_2	1709										
			c	1.6										
			$n_{2\,Eck}$	4										
			$n_{2\,th}$	4										
992.209	3031	0.20	M_2	1843										
			c	1.5										
			$n_{2\,Eck}$	4										
			$n_{2\,th}$	4										
1118.204	3080	0.20	M_2	2080										
			c	1.4										
			$n_{2\,Eck}$	4										
			$n_{2\,th}$	4										
1254.197	3031	0.13	M_2	2338										
			c	1.2										
			$n_{2\,Eck}$	3										
			$n_{2\,th}$	3										
1413.461	3080	0.13	M_2	2638										
			c	1.1										
			$n_{2\,Eck}$	3										
			$n_{2\,th}$	3										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

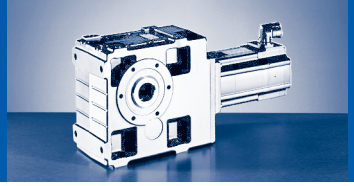
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6072$ Nm

GKS11-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
12.094	2770	104.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
13.154	3013	101.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
15.874	3090	68.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
17.265	3360	66.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
19.515	4470	90.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
21.989	4884	90.40	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
25.615	4985	61.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
28.021	5163	52.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
31.573	5521	51.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
35.741	3935	36.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					698 5.2 47 47		621 4.6 97 63	
35.741	5655	36.80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
40.272	4434	36.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					786 5.2 42 42		699 4.6 86 56	
40.272	5869	36.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6072$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS11-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
				685 3.8 141 131		617 3.3 291 127		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	104.00	2770	12.094
				745 3.8 130 121		671 3.3 268 117		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	101.00	3013	13.154
				904 3.2 108 108		814 2.8 222 108		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	68.00	3090	15.874
				984 3.2 99 99		885 2.8 204 100		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	66.50	3360	17.265
				1105 3.8 88 81		995 3.3 180 79		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	90.30	4470	19.515
				1247 3.7 78 72		1122 3.2 160 69		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	90.40	4884	21.989
				1459 3.2 67 67		1313 2.8 137 67		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	61.20	4985	25.615
924 5.1 61 61		927 4.1 125 69		1599 3.0 61 61		1438 2.7 126 63		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	52.20	5163	28.021
1044 4.9 54 54		1047 3.9 111 61		1805 2.9 54 54		1623 2.5 112 55		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	51.30	5521	31.573
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	36.80	3935	35.741
1188 4.4 48 48		1190 3.5 98 60		2049 2.6 48 48	794 5.7 70 56	1842 2.3 99 54		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	36.80	5655	35.741
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	36.20	4434	40.272
1344 4.1 42 42		1345 3.2 87 52		2314 2.4 43 42	899 5.3 62 50	2080 2.1 87 47		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	36.20	5869	40.272

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

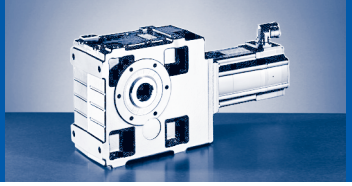
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6072$ Nm

GKS11-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
43.783	5800	27.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
49.333	5923	27.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
57.683	4370	17.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1144 3.7 29 29		1012 3.6 60 50	
57.683	5972	17.70	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
64.995	4924	17.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1289 3.7 26 26		1141 3.6 54 45	
64.995	5992	17.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
70.887	4497	13.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1416 3.1 24 24		1252 3.0 49 44	608 5.7 58 44
70.887	5973	13.00	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
79.873	5068	12.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1595 3.1 21 21		1411 3.0 44 39	685 5.7 52 39
79.873	6032	12.90	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
91.737	3979	8.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1015 3.8 18 18		915 3.6 38 38					
91.737	4660	8.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1844 2.5 18 18	903 4.9 25 25	1631 2.4 38 34	797 4.6 45 34
91.737	5975	8.30	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6072$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS11-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
1464 3.8 39 39		1461 3.3 80 55		2519 2.3 39 39	975 5.4 57 46	2259 2.2 80 46		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	27.90	5800	43.783
1657 3.5 35 34		1651 3.0 71 48		2845 2.1 35 35	1105 4.9 51 41	2551 2.0 71 41		M_2 c $n_{2\,Eck}$ $n_{2\,th}$	27.50	5923	49.333
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.70	4370	57.683
1947 3.0 30 29		1939 2.6 61 42		3337 1.8 30 30	1302 4.3 43 35	2991 1.7 61 35	890 5.2 72 35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.70	5972	57.683
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.50	4924	64.995
2202 2.7 26 26	955 5.8 36 36	2192 2.3 54 38		3767 1.6 26 26	1474 3.8 38 31	3377 1.5 54 31	1010 4.6 64 31	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17.50	5992	64.995
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	13.00	4497	70.887
2407 2.4 24 24	1047 5.3 33 33	2396 2.1 50 35	766 6.0 59 35	4115 1.5 24 24	1613 3.5 35 28	3689 1.4 50 28	1106 4.2 59 28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	13.00	5973	70.887
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.90	5068	79.873
2720 2.2 21 21	1187 4.8 29 29	2706 1.9 44 31	869 5.4 52 31	4644 1.3 21 21	1825 3.1 31 25	4162 1.2 44 25	1252 3.8 52 25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.90	6032	79.873
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.30	3979	91.737
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.30	4660	91.737
3133 1.9 19 19	1374 4.1 26 26	3116 1.6 38 27	1006 4.6 45 27					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.30	5975	91.737

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

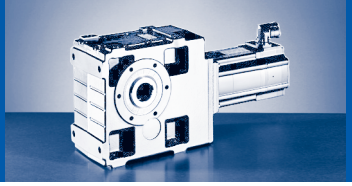
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6072$ Nm

GKS11-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
103.365	4483	8.21	M_2	1143		1031					
			c	3.8		3.6					
			$n_{2\,Eck}$	16		33					
			$n_{2\,th}$	16		33					
103.365	5250	8.21	M_2					2078	1017	1838	898
			c					2.5	4.9	2.4	4.6
			$n_{2\,Eck}$					16	22	34	40
			$n_{2\,th}$					16	22	30	30
103.365	6072	8.21	M_2								
			c								
			$n_{2\,Eck}$								
			$n_{2\,th}$								
111.335	4042	6.05	M_2	1240	673	1114					
			c	3.2	5.7	3.4					
			$n_{2\,Eck}$	15	18	31					
			$n_{2\,th}$	15	18	31					
111.335	4734	6.05	M_2					2248	1104	1983	970
			c					2.1	4.2	2.2	4.2
			$n_{2\,Eck}$					15	21	31	37
			$n_{2\,th}$					15	21	28	28
111.335	5975	6.05	M_2								
			c								
			$n_{2\,Eck}$								
			$n_{2\,th}$								
125.448	4555	5.99	M_2	1397	759	1255					
			c	3.2	5.7	3.4					
			$n_{2\,Eck}$	13	16	28					
			$n_{2\,th}$	13	16	28					
125.448	5335	5.99	M_2					2533	1244	2234	1093
			c					2.1	4.2	2.2	4.2
			$n_{2\,Eck}$					13	18	28	33
			$n_{2\,th}$					13	18	25	25
125.448	6072	5.99	M_2								
			c								
			$n_{2\,Eck}$								
			$n_{2\,th}$								
140.732	4107	3.96	M_2	1578	862	1418	690				
			c	2.6	4.6	2.7	5.1				
			$n_{2\,Eck}$	12	14	25	29				
			$n_{2\,th}$	12	14	25	26				
140.732	4811	3.96	M_2					2854	1408	2518	1238
			c					1.7	3.3	1.8	3.4
			$n_{2\,Eck}$					12	16	25	29
			$n_{2\,th}$					12	16	22	22
158.571	4628	3.93	M_2	1778	971	1597	778				
			c	2.6	4.6	2.7	5.1				
			$n_{2\,Eck}$	10	13	22	26				
			$n_{2\,th}$	10	13	22	23				
158.571	5421	3.93	M_2					3215	1587	2838	1395
			c					1.7	3.3	1.8	3.4
			$n_{2\,Eck}$					11	15	22	26
			$n_{2\,th}$					11	15	20	20

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6072$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS11-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.21	4483	103.365
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.21	5250	103.365
3538 1.7 17 16	1555 3.7 23 23	3517 1.5 34 24	1139 4.2 40 24					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	8.21	6072	103.365
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.05	4042	111.335
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.05	4734	111.335
3816 1.6 15 15	1679 3.5 21 21	3787 1.5 32 22	1226 4.2 37 22					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.05	5975	111.335
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.99	4555	125.448
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.99	5335	125.448
4307 1.4 14 14	1899 3.1 19 19	4274 1.3 28 20	1388 3.8 33 20					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.99	6072	125.448
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.96	4107	140.732
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.96	4811	140.732
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.93	4628	158.571
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.93	5421	158.571

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

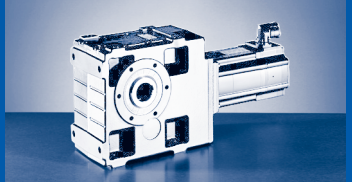
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6072$ Nm

GKS11-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
186.572	5975	7.07	M_2	2086	1137	1874	910	3787	1871	3343	1645
			c	2.8	5.0	3.0	5.6	1.6	3.1	1.7	3.2
			$n_{2\,Eck}$	9	11	19	22	9	12	19	22
			$n_{2\,th}$	9	11	19	19	9	12	17	17
210.222	5892	7.05	M_2	2359	1290	2120	1034	4276	2117	3775	1861
			c	2.5	4.4	2.6	4.9	1.4	2.7	1.5	2.8
			$n_{2\,Eck}$	8	10	16	20	8	11	17	20
			$n_{2\,th}$	8	10	16	17	8	11	15	15
226.431	5975	5.21	M_2	2545	1393	2287	1117	4610	2284	4070	2008
			c	2.3	4.2	2.5	4.6	1.3	2.6	1.4	2.6
			$n_{2\,Eck}$	7	9	15	18	7	10	15	18
			$n_{2\,th}$	7	9	15	16	7	10	14	14
255.133	5892	5.20	M_2	2877	1579	2586	1267	5203	2583	4594	2271
			c	2.0	3.6	2.2	4.1	1.1	2.3	1.2	2.3
			$n_{2\,Eck}$	6	8	14	16	7	9	14	16
			$n_{2\,th}$	6	8	14	14	7	9	12	12
286.219	5975	3.44	M_2	3234	1778	2907	1427	5844	2904	5160	2553
			c	1.8	3.3	1.9	3.7	1.0	2.0	1.1	2.1
			$n_{2\,Eck}$	6	7	12	14	6	8	12	14
			$n_{2\,th}$	6	7	12	13	6	8	11	11
322.500	5892	3.43	M_2	3653	2012	3284	1616		3281		2885
			c	1.6	2.9	1.7	3.2		1.8		1.8
			$n_{2\,Eck}$	5	6	11	13		7		13
			$n_{2\,th}$	5	6	11	11		7		10

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6072$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS11-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
	2856 2.1 13 13		2093 2.5 22 13					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.07	5975	186.572
	3227 1.8 11 11		2366 2.2 20 12					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.05	5892	210.222
	3480 1.7 10 10		2552 2.1 18 11					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.21	5975	226.431
	3930 1.5 9 9		2883 1.8 16 10					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.20	5892	255.133
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.44	5975	286.219
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.43	5892	322.500

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

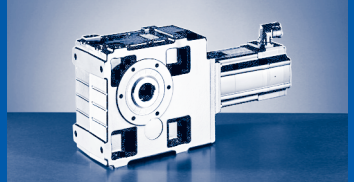
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 6072$ Nm

GKS11-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
102.119	4012	7.28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		570 5.8 33 33					
102.119	5655	7.28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1096 4.9 16 16		989 4.7 34 34	
115.063	5869	7.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1240 4.6 14 14		1113 4.8 30 30	
125.095	5800	6.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1355 4.1 13 13		1216 4.4 28 28	
140.952	5923	6.19	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1533 3.8 12 12		1376 4.0 25 25	
153.242	5800	4.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1673 3.4 11 11		1503 3.6 23 23	
172.667	5923	4.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				1892 3.1 10 9	1028 5.5 12 12	1699 3.3 20 20	
201.890	5972	3.74	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				2222 2.6 8 8	1213 4.7 10 10	1997 2.8 17 17	971 5.3 20 18
227.481	5992	3.72	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				2512 2.4 7 7	1374 4.2 9 9	2257 2.5 15 15	1101 4.7 18 16
248.106	5973	3.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				2746 2.2 7 7	1505 3.9 8 8	2468 2.3 14 14	1207 4.3 17 14
279.556	6032	3.34	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				3101 1.9 6 6	1703 3.5 7 7	2788 2.0 12 12	1366 3.9 15 13
322.931	5973	2.09	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		1859 3.0 11 11	1161 4.5 13 13	3593 1.7 5 5	1978 3.0 6 6	3230 1.8 11 11	1588 3.3 13 11
363.866	6032	2.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		2101 2.7 9 9	1315 4.0 11 11	4056 1.5 5 4	2236 2.7 6 6	3647 1.6 10 10	1796 3.0 11 10

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

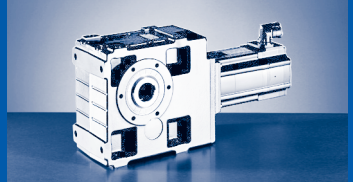


$M_{2\,GN} \leq 6072$ Nm

17NC17	17NC23	17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	GKS11-4A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
21.50	10.80	19.00	9.50	36.30	16.30	36.00	12.00	M_1	J_G	$M_{2\,GN}$	i
1680	2300	3480	4110	1700	2340	3510	4150	n_1			
8.5	5.5	15.8	10.2	13.9	8.2	28.7	14.0	$I_{M\,400}$			
3.80	2.60	6.90	4.10	6.40	4.00	13.20	5.20	P_N			
36.04	36.04	36.04	36.04	72.12	72.12	72.04	72.12	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.28	4012	102.119
2011 2.8 17 16	981 5.4 23 23	1779 2.7 34 30	866 5.1 40 30	3438 1.6 17 17	1512 3.6 23 23	3418 1.4 34 24	1107 4.0 41 24	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.28	5655	102.119
2272 2.5 15 15	1110 5.1 20 20	2003 2.7 30 27	975 5.2 36 27	3879 1.5 15 15	1707 3.4 20 20	3849 1.4 31 21	1247 4.1 36 21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.21	5869	115.063
2476 2.3 13 13	1213 4.6 18 18	2184 2.5 28 25	1066 4.7 33 25	4223 1.4 14 14	1862 3.1 19 19	4191 1.3 28 20	1361 3.7 33 20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.23	5800	125.095
2796 2.1 12 12	1373 4.2 16 16	2467 2.3 25 22	1207 4.3 29 22	4765 1.2 12 12	2105 2.8 17 17	4728 1.2 25 17	1539 3.4 29 17	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.19	5923	140.952
3047 1.9 11 11	1500 3.8 15 15	2689 2.0 23 20	1318 3.8 27 20	5187 1.1 11 11	2295 2.5 15 15	5147 1.1 23 16	1680 3.0 27 16	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.50	5800	153.242
3440 1.7 10 10	1696 3.4 13 13	3036 1.8 20 18	1491 3.5 24 18	5852 1.0 10 10	2593 2.3 14 14		1898 2.8 24 14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.47	5923	172.667
4032 1.5 8 8	1994 2.9 11 11	3559 1.6 17 15	1752 3.0 20 15		3042 1.9 12 12		2229 2.4 21 12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.74	5972	201.890
4551 1.3 7 7	2254 2.6 10 10	4018 1.4 15 14	1982 2.7 18 14		3435 1.7 10 10		2519 2.1 18 11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.72	5992	227.481
4970 1.2 7 7	2465 2.4 9 9	4388 1.3 14 13	2167 2.4 17 13		3753 1.6 9 9		2752 1.9 17 10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.36	5973	248.106
5608 1.1 6 6	2785 2.1 8 8	4951 1.2 13 11	2448 2.2 15 11		4236 1.4 8 8		3108 1.7 15 9	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.34	6032	279.556
	3227 1.8 7 7		2838 1.9 13 10					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.09	5973	322.931
	3644 1.6 6 6		3204 1.7 11 9					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.08	6032	363.866

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

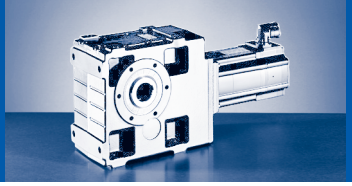


$M_{2\,GN} \leq 6072$ Nm

GKS11-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
395.787	5973	1.52	M_2		2292	1436	4418	2439	3973	1959
			c		2.5	3.7	1.4	2.4	1.4	2.7
			$n_{2\,Eck}$		9	10	4	5	9	10
			$n_{2\,th}$		9	10	4	5	9	9
445.958	6032	1.52	M_2		2589	1625	4986	2755	4484	2214
			c		2.2	3.3	1.2	2.2	1.3	2.4
			$n_{2\,Eck}$		8	9	4	5	8	9
			$n_{2\,th}$		8	9	4	4	8	8
512.196	5975	1.39	M_2		2984	1876	5736	3175	5159	2553
			c		1.9	2.8	1.0	1.9	1.1	2.1
			$n_{2\,Eck}$		7	8	3	4	7	8
			$n_{2\,th}$		7	8	3	4	7	7
577.122	6072	1.38	M_2		3369	2120		3584		2882
			c		1.7	2.6		1.7		1.9
			$n_{2\,Eck}$		6	7		4		7
			$n_{2\,th}$		6	7		3		6
621.619	5975	1.31	M_2		3634	2289		3866		3110
			c		1.6	2.3		1.5		1.7
			$n_{2\,Eck}$		6	7		3		7
			$n_{2\,th}$		5	7		3		6
700.416	6072	1.31	M_2		4102	2585		4364		3511
			c		1.4	2.1		1.4		1.6
			$n_{2\,Eck}$		5	6		3		6
			$n_{2\,th}$		5	6		3		5
816.455	5975	0.82	M_2	1483	4793	3024		5098		4103
			c	3.6	1.2	1.8		1.2		1.3
			$n_{2\,Eck}$	5	4	5		3		5
			$n_{2\,th}$	5	4	5		2		4
919.949	6072	0.82	M_2	1677	5407	3414		5752		4630
			c	3.2	1.1	1.6		1.1		1.2
			$n_{2\,Eck}$	4	4	4		2		5
			$n_{2\,th}$	4	4	4		2		4
990.879	5975	0.60	M_2	1812		3683				4992
			c	3.0		1.5				1.1
			$n_{2\,Eck}$	4		4				4
			$n_{2\,th}$	4		4				4
1116.484	6072	0.60	M_2	2048		4156				
			c	2.7		1.3				
			$n_{2\,Eck}$	4		4				
			$n_{2\,th}$	4		4				
1252.516	5975	0.39	M_2	2306		4670				
			c	2.3		1.2				
			$n_{2\,Eck}$	3		3				
			$n_{2\,th}$	3		3				
1411.286	6072	0.39	M_2	2604		5269				
			c	2.1		1.0				
			$n_{2\,Eck}$	3		3				
			$n_{2\,th}$	3		3				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 6072$ Nm

17NC17	17NC23	17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	GKS11-4A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
21.50	10.80	19.00	9.50	36.30	16.30	36.00	12.00	M_1	J_G	$M_{2\,GN}$	i
1680	2300	3480	4110	1700	2340	3510	4150	n_1			
8.5	5.5	15.8	10.2	13.9	8.2	28.7	14.0	$I_{M\,400}$			
3.80	2.60	6.90	4.10	6.40	4.00	13.20	5.20	P_N			
36.04	36.04	36.04	36.04	72.12	72.12	72.04	72.12	J_M			
	3970 1.5 6 6		3491 1.5 10 8					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.52	5973	395.787
	4481 1.3 5 5		3940 1.4 9 7					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.52	6032	445.958
	5156 1.2 5 4		4534 1.2 8 6					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.39	5975	512.196
	5817 1.0 4 4		5116 1.1 7 5					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.38	6072	577.122
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.31	5975	621.619
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.31	6072	700.416
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.82	5975	816.455
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.82	6072	919.949
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.60	5975	990.879
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.60	6072	1116.484
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.39	5975	1252.516
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.39	6072	1411.286

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

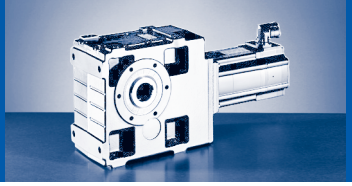
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11784$ Nm

GKS14-3A				19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00
			n_1	1700	2340	3510	4150	1710	2490	3520	4160
			$I_{M\,400}$	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8
			P_N	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40
			J_M	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04
16.646	5932	198.00	M_2					922		832	
			c					5.8		5.1	
			$n_{2\,Eck}$					103		212	
			$n_{2\,th}$					102		99	
18.311	6158	173.00	M_2					1017		918	
			c					5.5		4.8	
			$n_{2\,Eck}$					93		192	
			$n_{2\,th}$					93		92	
24.696	8801	183.00	M_2					1367		1234	
			c					5.8		5.1	
			$n_{2\,Eck}$					69		143	
			$n_{2\,th}$					69		67	
27.165	9135	159.00	M_2					1509		1362	
			c					5.5		4.8	
			$n_{2\,Eck}$					63		130	
			$n_{2\,th}$					63		62	
30.609	10132	156.00	M_2					1702		1536	
			c					5.4		4.8	
			$n_{2\,Eck}$					56		115	
			$n_{2\,th}$					56		55	
34.692	10019	111.00	M_2					1944		1752	
			c					4.7		4.1	
			$n_{2\,Eck}$					49		102	
			$n_{2\,th}$					49		55	
39.089	10937	109.00	M_2					2194		1977	
			c					4.6		4.0	
			$n_{2\,Eck}$					44		90	
			$n_{2\,th}$					44		48	
42.531	10787	82.40	M_2					2394		2149	
			c					4.3		4.1	
			$n_{2\,Eck}$					40		83	
			$n_{2\,th}$					40		47	
47.923	11261	81.10	M_2					2706		2429	
			c					4.0		3.9	
			$n_{2\,Eck}$					36		74	
			$n_{2\,th}$					36		42	
56.251	10874	54.20	M_2	1845		1846					
			c	5.6		4.8					
			$n_{2\,Eck}$	30		62					
			$n_{2\,th}$	30		44					
56.251	11522	54.20	M_2					3194		2866	
			c					3.5		3.4	
			$n_{2\,Eck}$					30		63	
			$n_{2\,th}$					30		36	
63.382	11477	53.50	M_2	2088		2087		3615		3243	
			c	5.3		4.5		3.1		3.0	
			$n_{2\,Eck}$	27		55		27		56	
			$n_{2\,th}$	27		39		27		32	
68.942	11454	38.90	M_2	2282		2279		3943		3537	
			c	4.8		4.2		2.9		2.7	
			$n_{2\,Eck}$	25		51		25		51	
			$n_{2\,th}$	25		36		25		29	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11784$ Nm

GKS14-3A				19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00
			n_1	1700	2340	3510	4150	1710	2490	3520	4160
			$I_{M\,400}$	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8
			P_N	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40
			J_M	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04
77.681	11520	38.40	M_2	2585		2580		4457		3997	
			c	4.3		3.7		2.5		2.4	
			$n_{2\,Eck}$	22		45		22		45	
			$n_{2\,th}$	22		32		22		26	
90.551	11488	25.10	M_2	3034		3025		5216	2022	4677	
			c	3.7		3.2		2.2	5.2	2.1	
			$n_{2\,Eck}$	19		39		19	28	39	
			$n_{2\,th}$	19		27		19	22	22	
102.029	11639	24.90	M_2	3432		3421		5891	2292	5282	1566
			c	3.3		2.9		2.0	4.7	1.9	5.7
			$n_{2\,Eck}$	17		34		17	24	35	41
			$n_{2\,th}$	17		24		17	20	20	20
109.896	11784	18.30	M_2	3705		3691		6353	2476	5696	1693
			c	3.1		2.7		1.8	4.4	1.8	5.4
			$n_{2\,Eck}$	16		32		16	23	32	38
			$n_{2\,th}$	15		22		16	18	18	18
123.826	11639	18.10	M_2	4192		4163		7175	2801	6421	1911
			c	2.7		2.6		1.6	4.0	1.7	5.2
			$n_{2\,Eck}$	14		28		14	20	28	34
			$n_{2\,th}$	14		20		14	16	16	16
138.913	11784	12.00	M_2	4716	2049	4682					
			c	2.5	5.5	2.4					
			$n_{2\,Eck}$	12	17	25					
			$n_{2\,th}$	12	17	18					
156.522	11639	11.90	M_2	5331	2326	5292	1693				
			c	2.2	4.8	2.1	5.9				
			$n_{2\,Eck}$	11	15	22	27				
			$n_{2\,th}$	11	15	16	16				
186.572	11609	21.60	M_2	6379	2797	6331	2039	10874	4283	9734	2935
			c	1.8	4.0	1.7	4.9	1.1	2.7	1.1	3.5
			$n_{2\,Eck}$	9	13	19	22	9	13	19	22
			$n_{2\,th}$	9	13	13	13	9	11	11	11
210.222	11555	21.50	M_2	7203	3167	7149	2312		4842		3321
			c	1.6	3.6	1.5	4.3		2.4		3.1
			$n_{2\,Eck}$	8	11	17	20		12		20
			$n_{2\,th}$	8	11	12	12		10		10
226.431	11609	15.90	M_2	7767	3420	7708	2498		5224		3585
			c	1.5	3.3	1.4	4.0		2.2		2.9
			$n_{2\,Eck}$	8	10	16	18		11		18
			$n_{2\,th}$	8	10	11	11		9		9
255.133	11555	15.80	M_2	8768	3870	8701	2830		5903		4054
			c	1.3	2.9	1.3	3.6		1.9		2.5
			$n_{2\,Eck}$	7	9	14	16		10		16
			$n_{2\,th}$	7	9	10	10		8		8
286.219	11609	10.50	M_2	9850	4356	9774	3187				
			c	1.2	2.6	1.1	3.2				
			$n_{2\,Eck}$	6	8	12	15				
			$n_{2\,th}$	6	8	9	9				
322.500	11555	10.50	M_2	11115	4924		3605				
			c	1.0	2.3		2.8				
			$n_{2\,Eck}$	5	7		13				
			$n_{2\,th}$	5	7		8				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

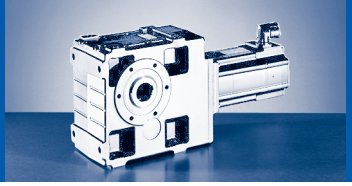
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11609$ Nm

GKS14-4A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
97.467	8508	23.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					1886 4.4 17 17		1669 4.2 36 32	
97.467	10019	23.47	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
109.822	9586	23.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					2126 4.4 15 15		1881 4.2 32 28	
109.822	10937	23.23	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
119.493	10431	19.94	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					2313 4.4 14 14		2036 4.7 29 26	
119.493	10787	19.94	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								
134.640	11261	19.78	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					2611 4.2 13 12		2299 4.5 26 23	
158.039	11522	16.44	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					3083 3.6 11 11		2716 3.9 22 20	
178.072	11477	16.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1894 5.8 9 9				3490 3.2 9 9		3076 3.5 20 17	
193.754	11522	12.08	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					3808 3.0 9 9	1851 5.9 12 12	3357 3.2 18 16	
218.315	11477	12.02	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					4307 2.6 8 8	2102 5.2 11 11	3798 2.8 16 14	1847 5.3 19 14
237.467	11454	10.87	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					4696 2.4 7 7	2298 4.8 10 10	4141 2.6 15 13	2019 4.9 17 13
267.568	11520	10.83	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					5306 2.2 6 6	2604 4.3 9 9	4680 2.3 13 12	2288 4.4 15 12

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11609$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS14-4A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.47	8508	97.467
3232 3.0 17 17		3220 2.6 36 25		5541 1.8 18 18	2160 4.3 26 21	4968 1.7 36 21	1477 5.2 43 21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.47	10019	97.467
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.23	9586	109.822
3645 2.9 16 15		3631 2.5 32 22		6246 1.7 16 16	2437 4.2 23 18	5600 1.7 32 18	1667 5.1 38 18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	23.23	10937	109.822
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.94	10431	119.493
3978 2.7 14 14	1723 5.9 20 20	3950 2.5 29 20		6809 1.6 14 14	2659 3.9 21 17	6093 1.7 30 17	1814 5.1 35 17	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.94	10787	119.493
4492 2.5 13 13	1951 5.5 17 17	4460 2.4 26 18		7681 1.5 13 13	3005 3.6 19 15	6874 1.5 26 15	2052 4.7 31 15	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	19.78	11261	134.640
5291 2.2 11 11	2308 4.8 15 15	5252 2.1 22 15	1679 5.8 26 15	9034 1.3 11 11	3546 3.2 16 13	8086 1.4 22 13	2425 4.1 26 13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	16.44	11522	158.039
5977 1.9 10 10	2616 4.2 13 13	5933 1.8 20 14	1906 5.2 23 14	10195 1.1 10 10	4011 2.8 14 11	9126 1.2 20 11	2747 3.6 23 11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	16.35	11477	178.072
6514 1.8 9 9	2857 3.9 12 12	6465 1.7 18 13	2083 4.8 21 13	11104 1.0 9 9	4375 2.6 13 10	9940 1.1 18 10	2998 3.4 22 10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.08	11522	193.754
7356 1.6 8 8	3235 3.5 11 11	7300 1.5 16 11	2362 4.2 19 11		4945 2.3 11 9		3392 3.0 19 9	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	12.02	11477	218.315
8012 1.4 7 7	3530 3.2 10 10	7951 1.4 15 10	2579 3.9 18 10		5390 2.1 11 8		3700 2.7 18 8	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	10.87	11454	237.467
9043 1.3 6 6	3993 2.8 9 9	8973 1.2 13 9	2919 3.5 16 9		6088 1.9 9 8		4182 2.4 16 8	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	10.83	11520	267.568

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

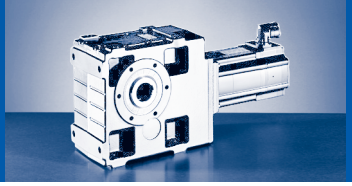
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11609$ Nm

GKS14-4A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
321.729	11454	6.42	M_2	3521	1912	3162		6405	3156	5652	2774
			c	3.2	5.7	3.4		1.8	3.5	1.9	3.6
			$n_{2\,Eck}$	5	6	11		5	7	11	13
			$n_{2\,th}$	5	6	11		5	7	10	10
362.512	11520	6.40	M_2	3982	2169	3577	1736	7232	3571	6383	3139
			c	2.8	5.1	3.0	5.7	1.6	3.2	1.7	3.2
			$n_{2\,Eck}$	5	6	10	11	5	6	10	11
			$n_{2\,th}$	5	6	10	10	5	6	9	9
390.671	11454	4.75	M_2	4302	2348	3865	1880	7804	3859	6888	3392
			c	2.6	4.7	2.8	5.2	1.5	2.9	1.6	3.0
			$n_{2\,Eck}$	4	5	9	11	4	6	9	11
			$n_{2\,th}$	4	5	9	9	4	6	8	8
440.193	11520	4.73	M_2	4862	2660	4369	2132	8808	4363	7775	3835
			c	2.3	4.2	2.5	4.7	1.3	2.6	1.4	2.7
			$n_{2\,Eck}$	4	5	8	9	4	5	8	9
			$n_{2\,th}$	4	5	8	8	4	5	7	7
513.121	11488	4.33	M_2	5688	3121	5112	2504	10288	5107	9083	4489
			c	2.0	3.6	2.1	4.0	1.1	2.2	1.2	2.3
			$n_{2\,Eck}$	3	4	7	8	3	5	7	8
			$n_{2\,th}$	3	4	7	7	3	4	6	6
578.164	11639	4.32	M_2	6423	3531	5774	2834	11606	5768	10248	5071
			c	1.8	3.2	1.9	3.6	1.0	2.0	1.1	2.0
			$n_{2\,Eck}$	3	4	6	7	3	4	6	7
			$n_{2\,th}$	3	3	6	6	3	4	5	5
622.742	11488	4.12	M_2	6929	3814	6230	3063		6224		5472
			c	1.7	3.0	1.8	3.3		1.8		1.9
			$n_{2\,Eck}$	3	3	6	7		4		7
			$n_{2\,th}$	3	3	6	6		4		5
701.681	11639	4.12	M_2	7822	4312	7033	3463		7027		6179
			c	1.5	2.7	1.6	3.0		1.7		1.7
			$n_{2\,Eck}$	2	3	5	6		3		6
			$n_{2\,th}$	2	3	5	5		3		4
805.901	11488	2.62	M_2	9003	4973	8096	3996		8091		7114
			c	1.3	2.3	1.4	2.6		1.4		1.5
			$n_{2\,Eck}$	2	3	4	5		3		5
			$n_{2\,th}$	2	2	4	4		3		4
908.058	11639	2.62	M_2	10159	5617	9136	4515		9130		8029
			c	1.1	2.1	1.2	2.3		1.3		1.3
			$n_{2\,Eck}$	2	2	4	5		3		5
			$n_{2\,th}$	2	2	4	4		3		3
978.071	11488	1.91	M_2	10953	6061	9851	4873		9846		8658
			c	1.1	1.9	1.1	2.1		1.2		1.2
			$n_{2\,Eck}$	2	2	4	4		2		4
			$n_{2\,th}$	2	2	4	4		2		3
1102.052	11639	1.91	M_2		6843		5504		11108		9768
			c		1.7		1.9		1.1		1.1
			$n_{2\,Eck}$		2		4		2		4
			$n_{2\,th}$		2		3		2		3
1236.326	11488	1.26	M_2		7694		6190				
			c		1.5		1.7				
			$n_{2\,Eck}$		2		3				
			$n_{2\,th}$		2		3				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 11609$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS14-4A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
10899 1.1 5 5	4826 2.3 7 7	10814 1.0 11 8	3533 2.9 13 8					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.42	11454	321.729
	5453 2.1 7 6		3995 2.6 12 7					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	6.40	11520	362.512
	5887 1.9 6 6		4314 2.4 11 6					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.75	11454	390.671
	6648 1.7 5 5		4874 2.1 9 6					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.73	11520	440.193
	7770 1.5 5 5		5700 1.8 8 5					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.33	11488	513.121
	8769 1.3 4 4		6436 1.6 7 4					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.32	11639	578.164
	9456 1.2 4 4		6942 1.5 7 4					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.12	11488	622.742
	10669 1.1 3 3		7834 1.3 6 3					M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.12	11639	701.681
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.62	11488	805.901
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.62	11639	908.058
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.91	11488	978.071
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.91	11639	1102.052
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.26	11488	1236.326

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

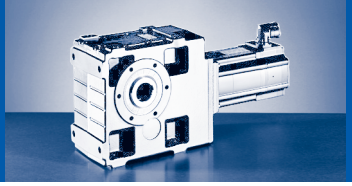
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 11609$ Nm

GKS14-4A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
1393.043	11639	1.26	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		8683 1.3 1 1		6987 1.5 3 3				

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

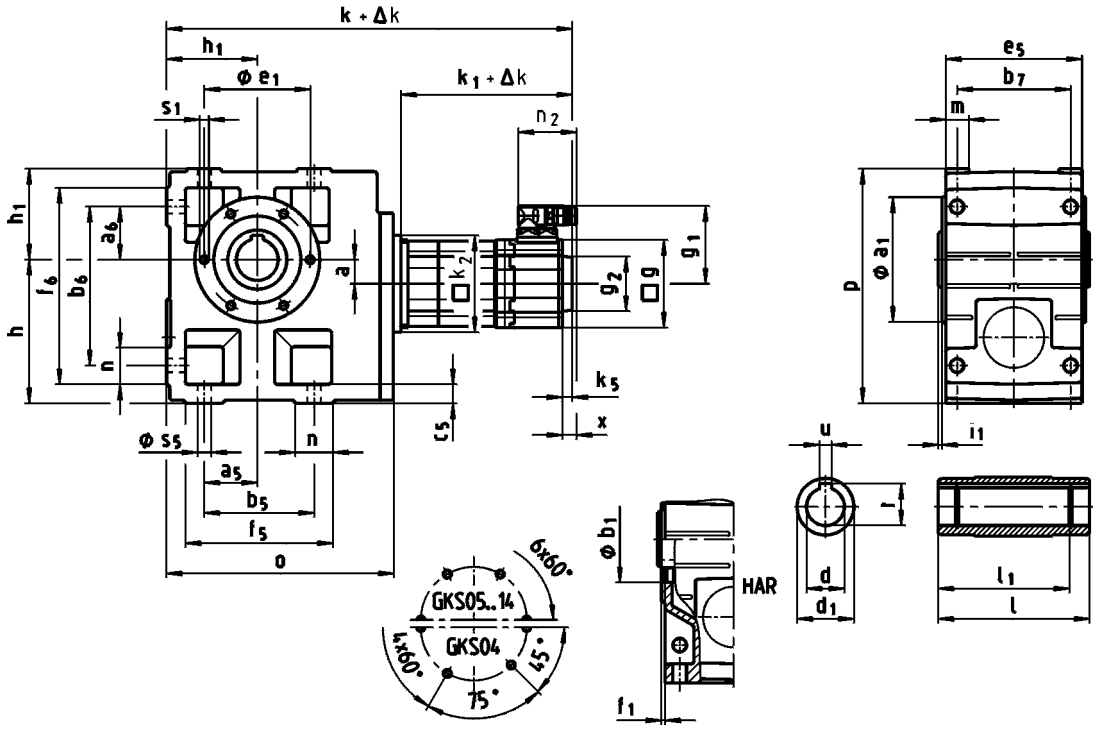


$M_{2\,GN} \leq 11609$ Nm

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS14-4A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00				
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	M_1	J_G	$M_{2\,GN}$	i
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	$I_{M\,400}$			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.26	11639	1393.043

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

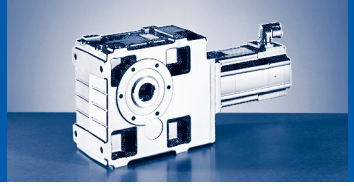


GKS□□-3S H□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS04...	k	347	377	407	399	419	439	479							
GKS05...	k	367	397	427	419	439	459	499	436		476			516	
GKS06...	k	423	453	483	475	495	515	555	492		532			572	
GKS07...	k				531	551	571	611	548		588			628	
GKS09...	k								619		659			699	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKS05: 12DC20 ... 12LC41



GKS□□-3S H□R ... RSO

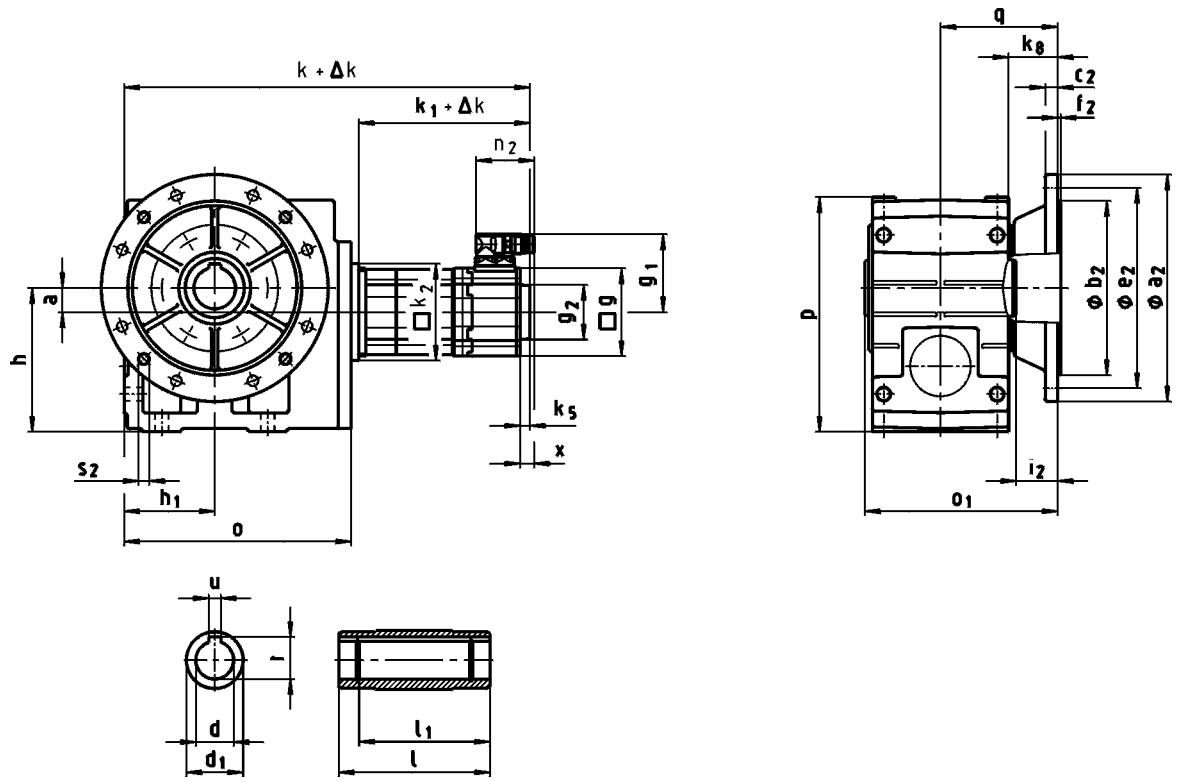
		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS06...	k	508		548		588		628							
GKS07...	k	564		604		644		684		603		643		703	
GKS09...	k	635		675		715		755		674		714		774	
GKS11...	k	726		766		806		846		765		805		865	
GKS14...	k									864		904		964	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-3S H□R

	o	p	h	h_1	a	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS04...	203	171	100	71	20	45	45	110	119	85	14	105	132	141	21	22	9
GKS05...	232	205	125	80	23	47.5	47.5	115	140	105	17	127	144	169		29	11
GKS06...	291	250	150	100	28	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	354	310	190	120	34	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	429	386	236	150	41	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	527	485	300	185	54	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	636	605	375	230	67	135	135	360	415	275	50	328	442	497	52	82	33

	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				
GKS04...	25	115	45	100	8	28.3	105	75	90	3	2.5	M6x12
	30					33.3						
GKS05...	35	140	50	124	10	38.3	118	80	100	4	4	M8x15
GKS06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GKS07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						
GKS09...	60	240	95	210	18	64.4	205	145	175	6		M16x24
	70				20	74.9						
GKS11...	80	290	105	250	22	85.4	240	140	205		6	M20x32
GKS14...	100	350	135	305	28	106.4	290	170	250		7	M24x35

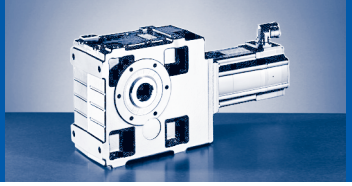


GKS□□-3S HAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS04...	k	347	377	407	399	419	439	479							
GKS05...	k	367	397	427	419	439	459	499	436		476			516	
GKS06...	k	423	453	483	475	495	515	555	492		532			572	
GKS07...	k				531	551	571	611	548		588			628	
GKS09...	k								619		659			699	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKS05: 12DC20 ... 12LC41



GKS□□-3S HAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS06...	k	508		548		588		628							
GKS07...	k	564		604		644		684		603		643		703	
GKS09...	k	635		675		715		755		674		714		774	
GKS11...	k	726		766		806		846		765		805		865	
GKS14...	k									864		904		964	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

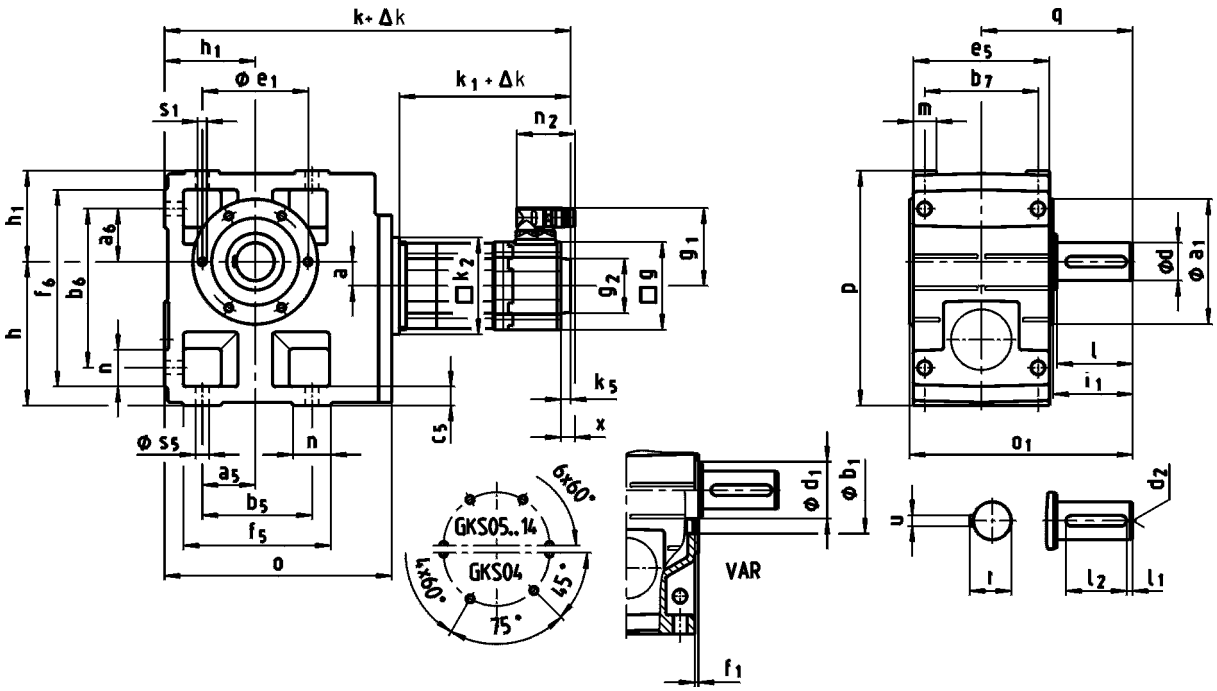
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-3S HAK

	o	o_1	p	h	h_1	a	q	k_8
GKS04...	203	149	171	100	71	20	91	39
GKS05...	232	174	205	125	80	23	103.5	40
GKS06...	291	203 [2] 202 [3]	250	150	100	28	122.5 [2] 121.5 [3]	50 [2] 49 [3]
GKS07...	354	256	310	190	120	34	155.5	66
GKS09...	429	301	386	236	150	41	180.5	70
GKS11...	527	351	485	300	185	54	205.5	71
GKS14...	636	411	605	375	230	67	235.5	72

[2] a_2 = 200
[3] a_2 = 250

	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GKS04...	25	115	45	100	8	28.3	160	110	10	130	3.5	33.5	4 x 9
	30					33.3							
GKS05...	35	140	50	124	10	38.3	200	130	12	165			4 x 11
GKS06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GKS07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			
GKS09...	60	240	95	210	18	64.4	350	250	18	300		60.5	4 x 17.5
	70				20	74.9							
GKS11...		290	105	250			400	300	20	350	5		
	80				22	85.4	450	350	22	400			8 x 17.5
GKS14...	100	350	135	305	28	106.4							

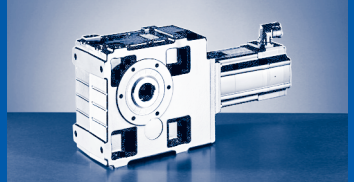


GKS□□-3S V□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS04...	k	347	377	407	399	419	439	479							
GKS05...	k	367	397	427	419	439	459	499	436		476			516	
GKS06...	k	423	453	483	475	495	515	555	492		532			572	
GKS07...	k				531	551	571	611	548		588			628	
GKS09...	k								619		659			699	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKS05: 12DC20 ... 12LC41



GKS□□-3S V□R ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS06...	k	508		548		588		628							
GKS07...	k	564		604		644		684		603		643		703	
GKS09...	k	635		675		715		755		674		714		774	
GKS11...	k	726		766		806		846		765		805		865	
GKS14...	k									864		904		964	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

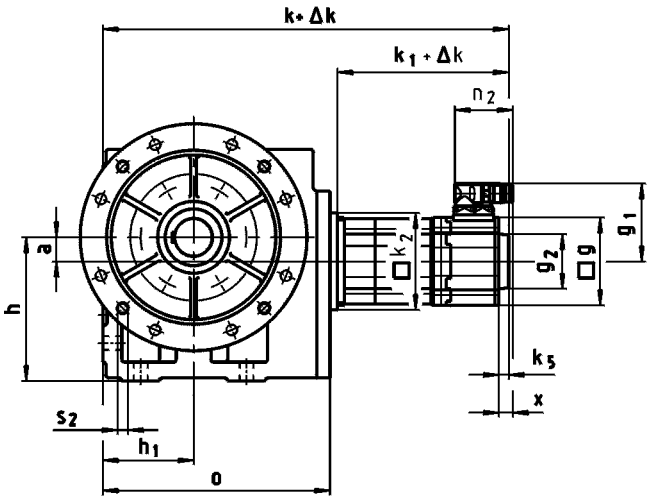
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

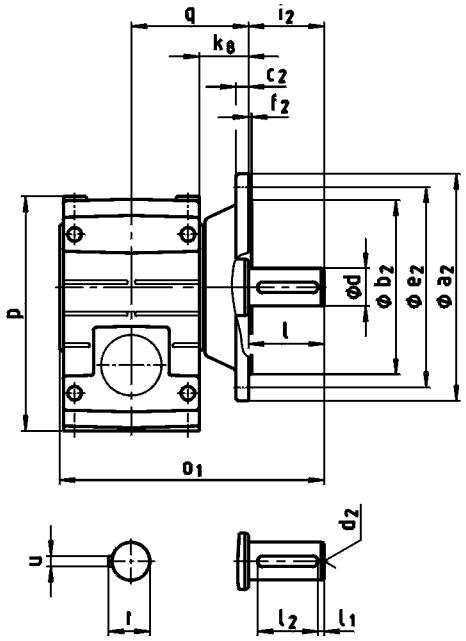
GKS□□-3S V□R

	o	o_1	p	h	h_1	a	q	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS04...	203	163	171	100	71	20	107.5	45	45	110	119	85	14	105	132	141	21	22	9
GKS05...	232	197	205	125	80	23	130	47.5	47.5	115	140	105	17	127	144	169		29	11
GKS06...	291	236	250	150	100	28	160	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	354	296	310	190	120	34	200	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	429	356	386	236	150	41	240	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	527	445	485	300	185	54	305	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	636	544	605	375	230	67	375	135	135	360	415	275	50	328	442	497	52	82	33

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				
GKS04...	25	50	45	4	40	M10	8	28	105	75	90	3	52.5	M6x12
GKS05...	30	60	50	6	45			33	118	80	100	4	64	M8x15
GKS06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GKS07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18
GKS09...	60	120	95		100	M20	18	64	205	145	175	6	125	M16x24
GKS11...	80	160	105	15	125		22	85	240	140	205		166	M20x32
GKS14...	100	200	135	18	160	M24	28	106	290	170	250		207	M24x35

d ≤ 50 mm: k6; d > 50 mm: m6



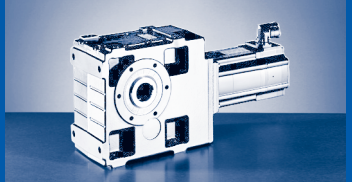


GKS□□-3S VAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS04...	k	347	377	407	399	419	439	479							
GKS05...	k	367	397	427	419	439	459	499	436		476			516	
GKS06...	k	423	453	483	475	495	515	555	492		532			572	
GKS07...	k				531	551	571	611	548		588			628	
GKS09...	k								619		659			699	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKS05: 12DC20 ... 12LC41



GKS□□-3S VAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS06...	k	508		548		588		628							
GKS07...	k	564		604		644		684		603		643		703	
GKS09...	k	635		675		715		755		674		714		774	
GKS11...	k	726		766		806		846		765		805		865	
GKS14...	k									864		904		964	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

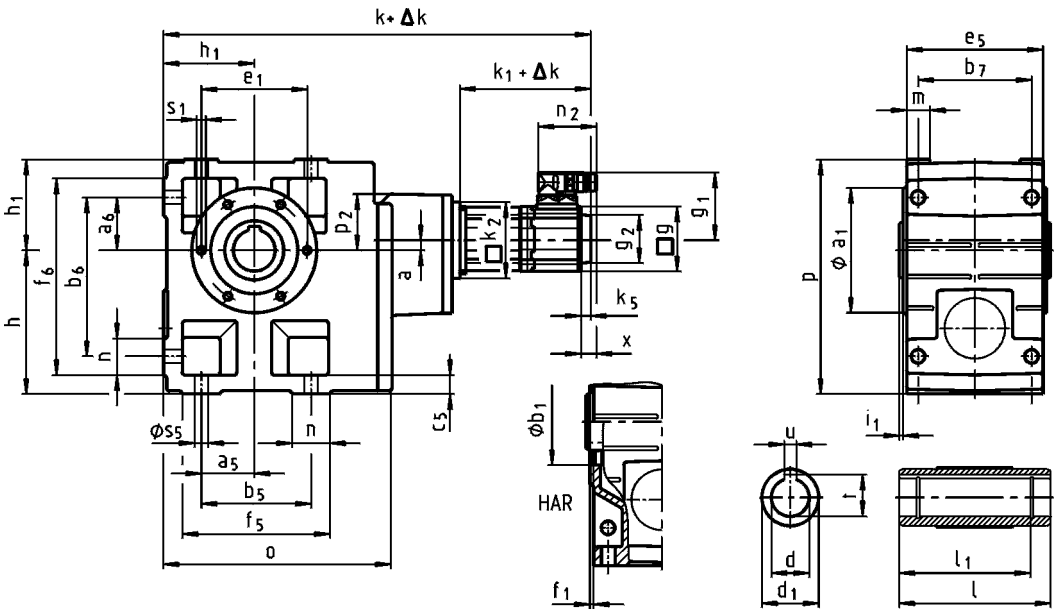
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-3S VAK

	o	o_1	p	h	h_1	a	q	k_8
GKS04...	203	196	171	100	71	20	91	39
GKS05...	232	230	205	125	80	23	103.5	40
GKS06...	291	277	250	150	100	28	121.5	49
GKS07...	354	351	310	190	120	34	155.5	66
GKS09...	429	416	386	236	150	41	180.5	70
GKS11...	527	505	485	300	185	54	205.5	71
GKS14...	636	604	605	375	230	67	235.5	72

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GKS04...	25	50	4	40	M10	8	28	160	110	10	130	3.5	50	4 x 9
GKS05...	30	60	6	45			33	200	130	12	165		60	4 x 11
GKS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GKS07...	50	100	8	80		14	53.5	300	230	17	265		100	
GKS09...	60	120		100	M20	18	64	350	250	18	300		120	4 x 17.5
GKS11...	80	160	15	125		22	85	400	300	20	350	5	160	
GKS14...	100	200	18	160	M24	28	106	450	350	22	400		200	8 x 17.5

d ≤ 50 mm: k6; d > 50 mm: m6

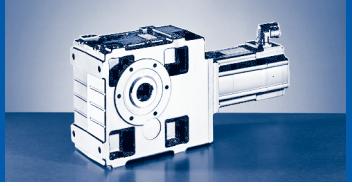


GKS□□-4S H□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS05...	k	443	473	503	496	516	536	576							
GKS06...	k	516	546	576	569	589	609	649							
GKS07...	k	583	613	643	636	656	676	716	653		693			733	
GKS09...	k	672	702	732	725	745	765	805	742		782			822	
GKS11...	k				835	855	875	915	852		892			932	
GKS14...	k								985		1025			1065	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKS07: 12DC20 ... 12LC41



GKS□□-4S H□R ... RSO

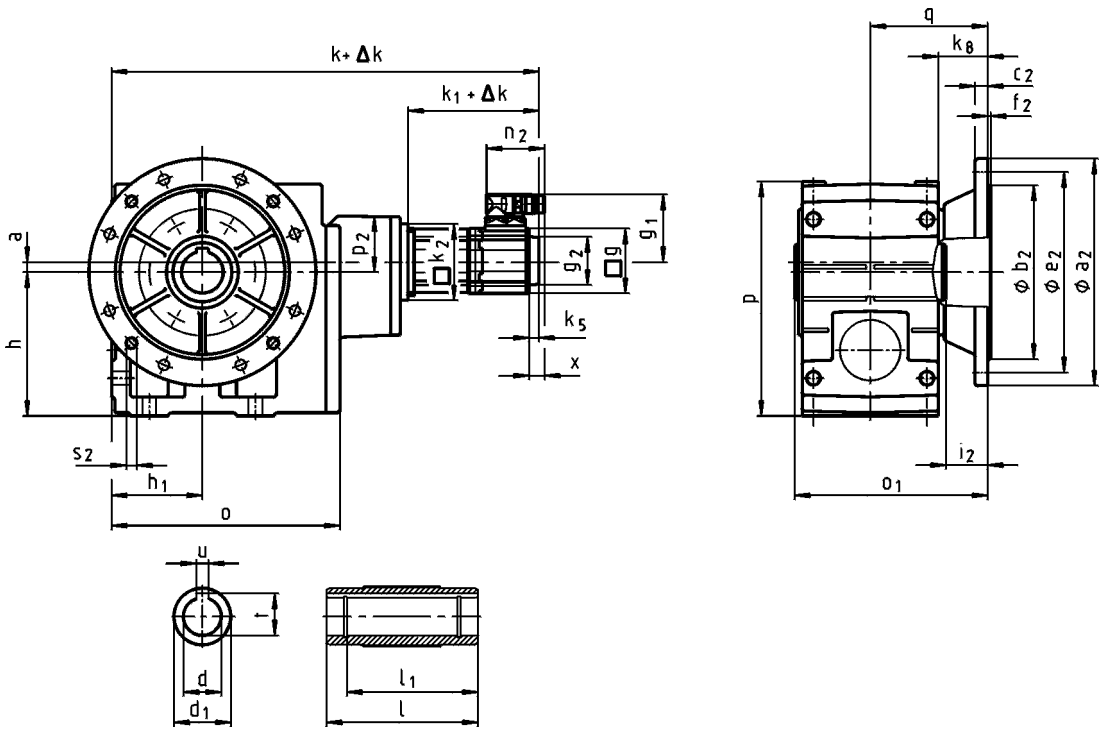
		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS09...	k	757		797		837		877							
GKS11...	k	867		907		947		987		906		946		1006	
GKS14...	k	1000		1040		1080		1120		1039		1079		1139	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-4S H□R

	o	p	p_2	h	h_1	a	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS05...	226	205	65	125	80	13	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06...	288	250	61	150	100	8	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	351	310	72	190	120	11	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	426	386	92	236	150	15	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	523	485	112	300	185	16	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	632	605	139	375	230	22	135	135	360	415	275	50	328	442	497	52	82	33

	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				6x60°
GKS05...	30	140	50	124	8	33.3	118	80	100	4	4	M8x15
	35				10	38.3						
GKS06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GKS07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						
GKS09...	60	240	95	210	18	64.4	205	145	175	6		M16x24
	70				20	74.9						
GKS11...		290	105	250			240	140	205		6	M20x32
	80				22	85.4						
GKS14...	100	350	135	305	28	106.4	290	170	250		7	M24x35

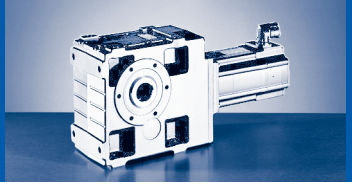


GKS□□-4S HAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS05...	k	443	473	503	496	516	536	576							
GKS06...	k	516	546	576	569	589	609	649							
GKS07...	k	583	613	643	636	656	676	716	653			693		733	
GKS09...	k	672	702	732	725	745	765	805	742			782		822	
GKS11...	k				835	855	875	915	852			892		932	
GKS14...	k								985			1025		1065	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188			228		268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKS07: 12DC20 ... 12LC41



GKS□□-4S HAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS09...	k	757		797		837		877							
GKS11...	k	867		907		947		987		906		946		1006	
GKS14...	k	1000		1040		1080		1120		1039		1079		1139	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

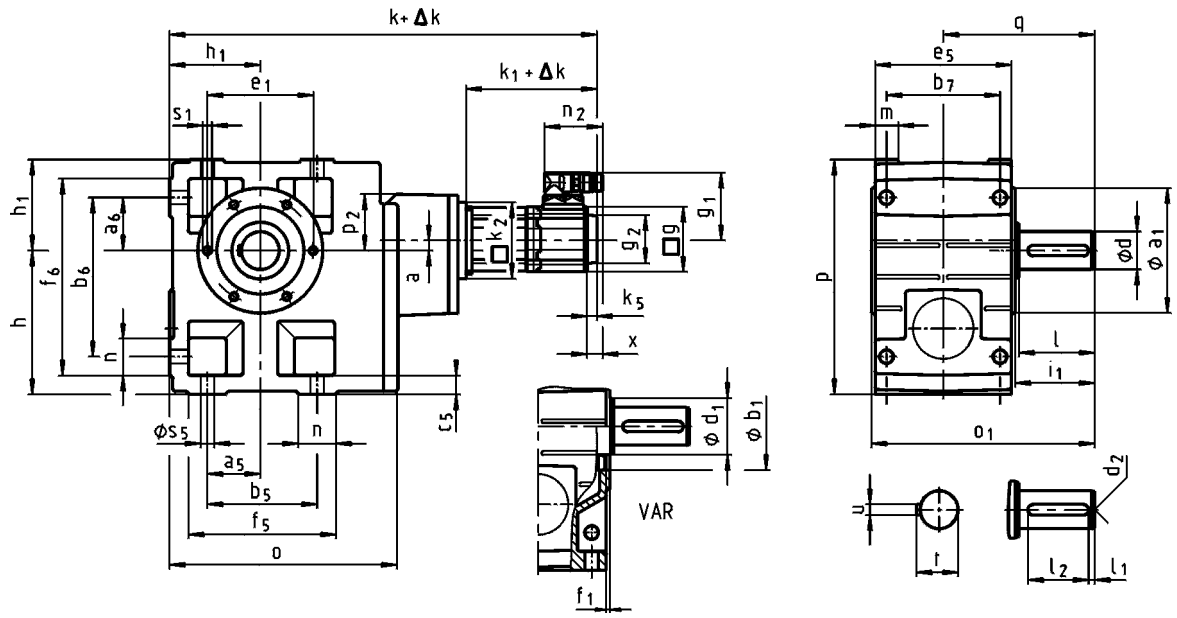
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-4S HAK

	o	o_1	p	p_2	h	h_1	a	q	k_8
GKS05...	226	174	205	65	125	80	13	103.5	40
GKS06...	288	203 [2] 202 [3]	250	61	150	100	8	122.5 [2] 121.5 [3]	50 [2] 49 [3]
GKS07...	351	256	310	72	190	120	11	155.5	66
GKS09...	426	301	386	92	236	150	15	180.5	70
GKS11...	523	351	485	112	300	185	16	205.5	71
GKS14...	632	411	605	139	375	230	22	235.5	72

[2] a_2 = 200
[3] a_2 = 250

	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GKS05...	30	140	50	124	8	33.3	200	130	12	165	3.5	33.5	4 x 11
	35				10	38.3							
GKS06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GKS07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			
GKS09...	60	240	95	210	18	64.4	350	250	18	300		60.5	4 x 17.5
	70				20	74.9							
GKS11...		290	105	250			400	300	20	350	5		
	80				22	85.4	450	350	22	400			8 x 17.5
GKS14...	100	350	135	305	28	106.4							

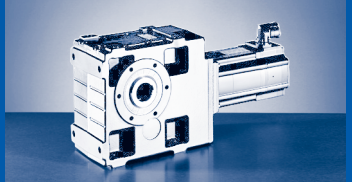


GKS□□-4S V□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS05...	k	443	473	503	496	516	536	576							
GKS06...	k	516	546	576	569	589	609	649							
GKS07...	k	583	613	643	636	656	676	716	653		693			733	
GKS09...	k	672	702	732	725	745	765	805	742		782			822	
GKS11...	k				835	855	875	915	852		892			932	
GKS14...	k								985		1025			1065	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKS07: 12DC20 ... 12LC41



GKS□□-4S V□R ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS09...	k	757		797		837		877							
GKS11...	k	867		907		947		987		906		946		1006	
GKS14...	k	1000		1040		1080		1120		1039		1079		1139	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

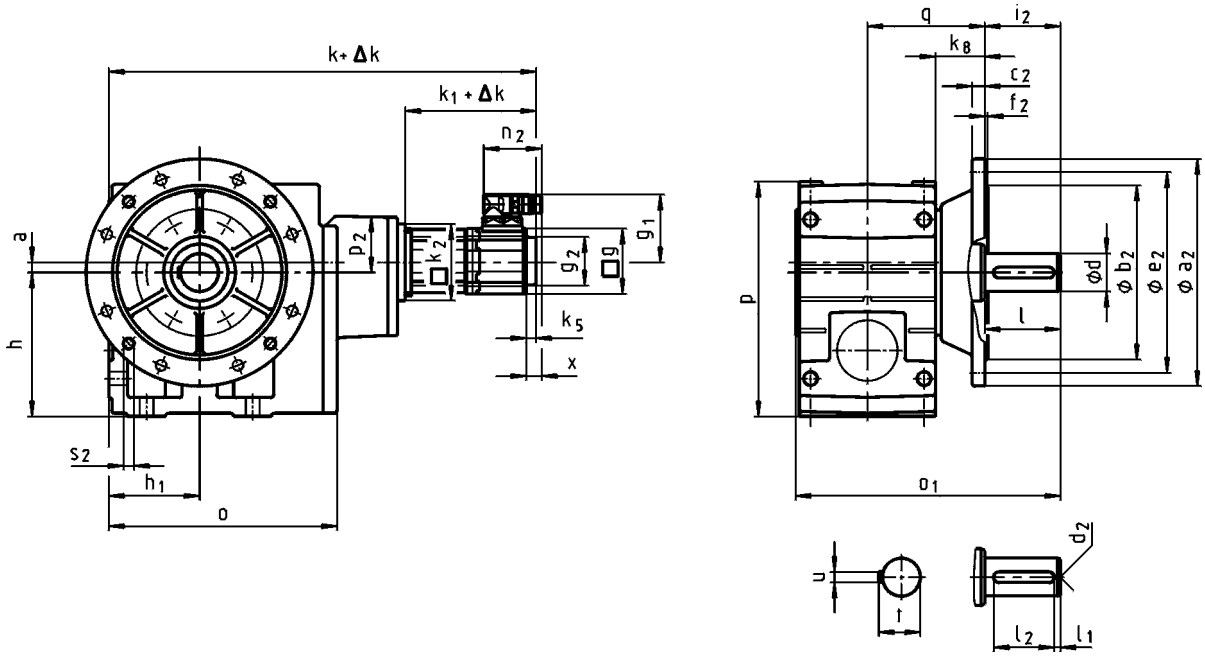
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-4S V□R

	o	o_1	p	p_2	h	h_1	a	q	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS05...	226	197	205	65	125	80	13	130	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06...	288	236	250	61	150	100	8	160	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	351	296	310	72	190	120	11	200	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	426	356	386	92	236	150	15	240	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	523	445	485	112	300	185	16	305	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	632	544	605	139	375	230	22	375	135	135	360	415	275	50	328	442	497	52	82	33

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				6x60°
GKS05...	30	60	50	6	45	M10	8	33	118	80	100	4	64	M8x15
GKS06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GKS07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18
GKS09...	60	120	95		100	M20	18	64	205	145	175	6	125	M16x24
GKS11...	80	160	105	15	125		22	85	240	140	205		166	M20x32
GKS14...	100	200	135	18	160	M24	28	106	290	170	250		207	M24x35

d ≤ 50 mm: k6; d > 50 mm: m6

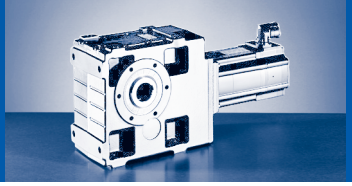


GKS□□-4S VAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS05...	k	443	473	503	496	516	536	576							
GKS06...	k	516	546	576	569	589	609	649							
GKS07...	k	583	613	643	636	656	676	716	653		693			733	
GKS09...	k	672	702	732	725	745	765	805	742		782			822	
GKS11...	k				835	855	875	915	852		892			932	
GKS14...	k								985		1025			1065	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GKS07: 12DC20 ... 12LC41



GKS□□-4S VAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS09...	k	757		797		837		877							
GKS11...	k	867		907		947		987		906		946		1006	
GKS14...	k	1000		1040		1080		1120		1039		1079		1139	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

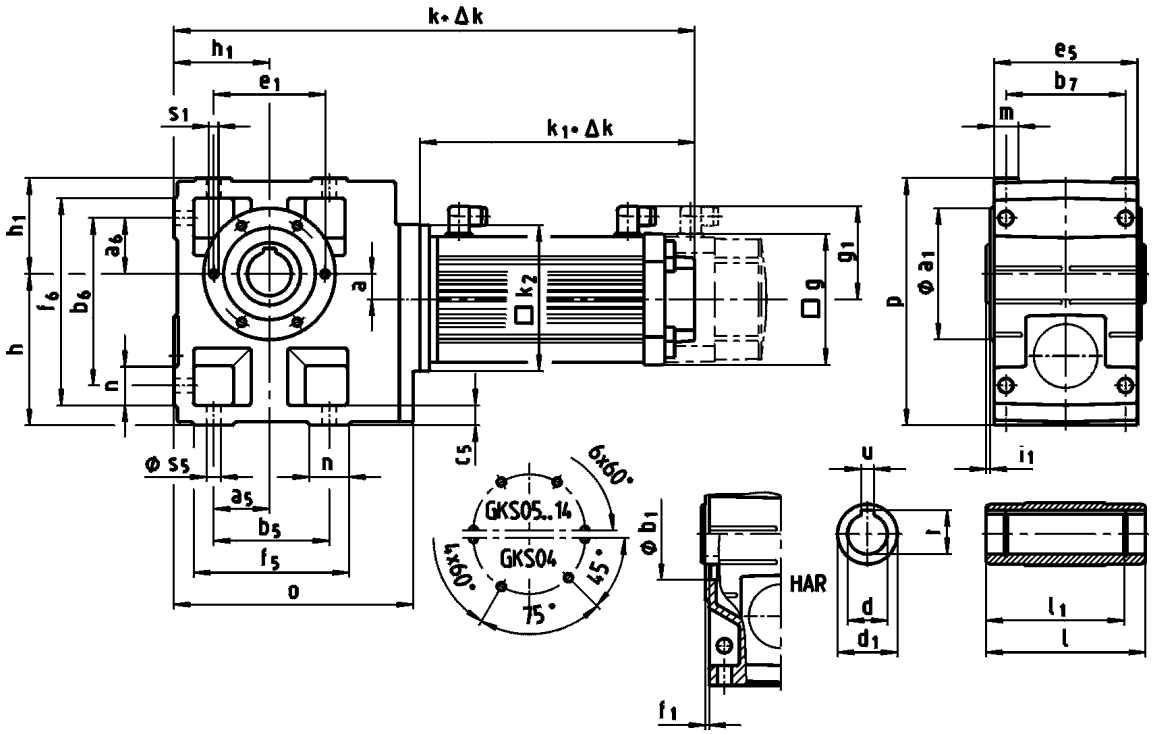
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-4S VAK

	o	o_1	p	p_2	h	h_1	a	q	k_8
GKS05...	226	230	205	65	125	80	13	103.5	40
GKS06...	288	277	250	61	150	100	8	121.5	49
GKS07...	351	351	310	72	190	120	11	155.5	66
GKS09...	426	416	386	92	236	150	15	180.5	70
GKS11...	523	505	485	112	300	185	16	205.5	71
GKS14...	632	604	605	139	375	230	22	235.5	72

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GKS05...	30	60	6	45	M10	8	33	200	130	12	165	3.5	60	4 x 11
GKS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GKS07...	50	100	8	80		14	53.5	300	230	17	265		100	
GKS09...	60	120		100	M20	18	64	350	250	18	300		120	4 x 17.5
GKS11...	80	160	15	125		22	85	400	300	20	350	5	160	
GKS14...	100	200	18	160	M24	28	106	450	350	22	400		200	8 x 17.5

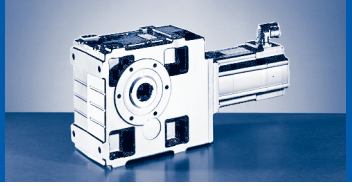
d ≤ 50 mm: k6; d > 50 mm: m6



GKS□□-3A H□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS04...	k	475	483	551						
GKS05...	k	495	503	571	553		615			
GKS06...	k	551	559	627	609		671		648	
GKS07...	k	607	615	683	665		727		704	
GKS09...	k				736		798		775	
GKS11...	k				827		889		866	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-3A H□R ... RSO

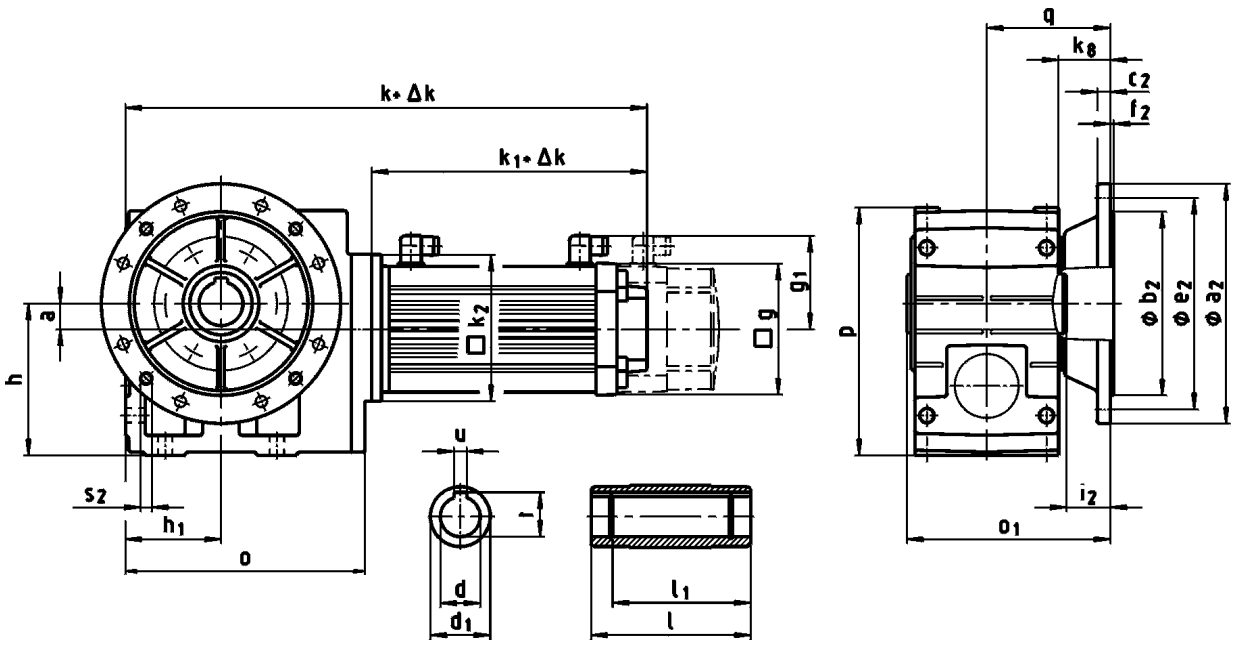
		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS06...	k	737									
GKS07...	k	793		773		870		851		947	
GKS09...	k	864		844		941		922		1018	
GKS11...	k	955		935		1032		1013		1109	
GKS14...	k			1034		1131		1112		1208	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-3A H□R

	o	p	h	h_1	a	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS04...	203	171	100	71	20	45	45	110	119	85	14	105	132	141	21	22	9
GKS05...	232	205	125	80	23	47.5	47.5	115	140	105	17	127	144	169		29	11
GKS06...	291	250	150	100	28	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	354	310	190	120	34	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	429	386	236	150	41	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	527	485	300	185	54	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	636	605	375	230	67	135	135	360	415	275	50	328	442	497	52	82	33

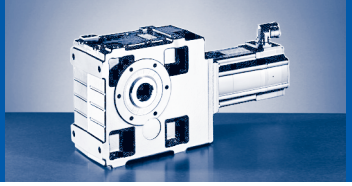
	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				
GKS04...	25	115	45	100	8	28.3	105	75	90	3	2.5	M6x12
	30					33.3						
GKS05...		140	50	124			118	80	100	4	4	M8x15
	35				10	38.3						
GKS06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GKS07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						
GKS09...	60	240	95	210	18	64.4	205	145	175	6		M16x24
	70				20	74.9						
GKS11...		290	105	250			240	140	205		6	M20x32
	80				22	85.4						
GKS14...	100	350	135	305	28	106.4	290	170	250		7	M24x35



GKS□□-3A HAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS04...	k	475	483	551						
GKS05...	k	495	503	571	553		615			
GKS06...	k	551	559	627	609		671		648	
GKS07...	k	607	615	683	665		727		704	
GKS09...	k				736		798		775	
GKS11...	k				827		889		866	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-3A HAK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS06...	k	737									
GKS07...	k	793		773		870		851		947	
GKS09...	k	864		844		941		922		1018	
GKS11...	k	955		935		1032		1013		1109	
GKS14...	k			1034		1131		1112		1208	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

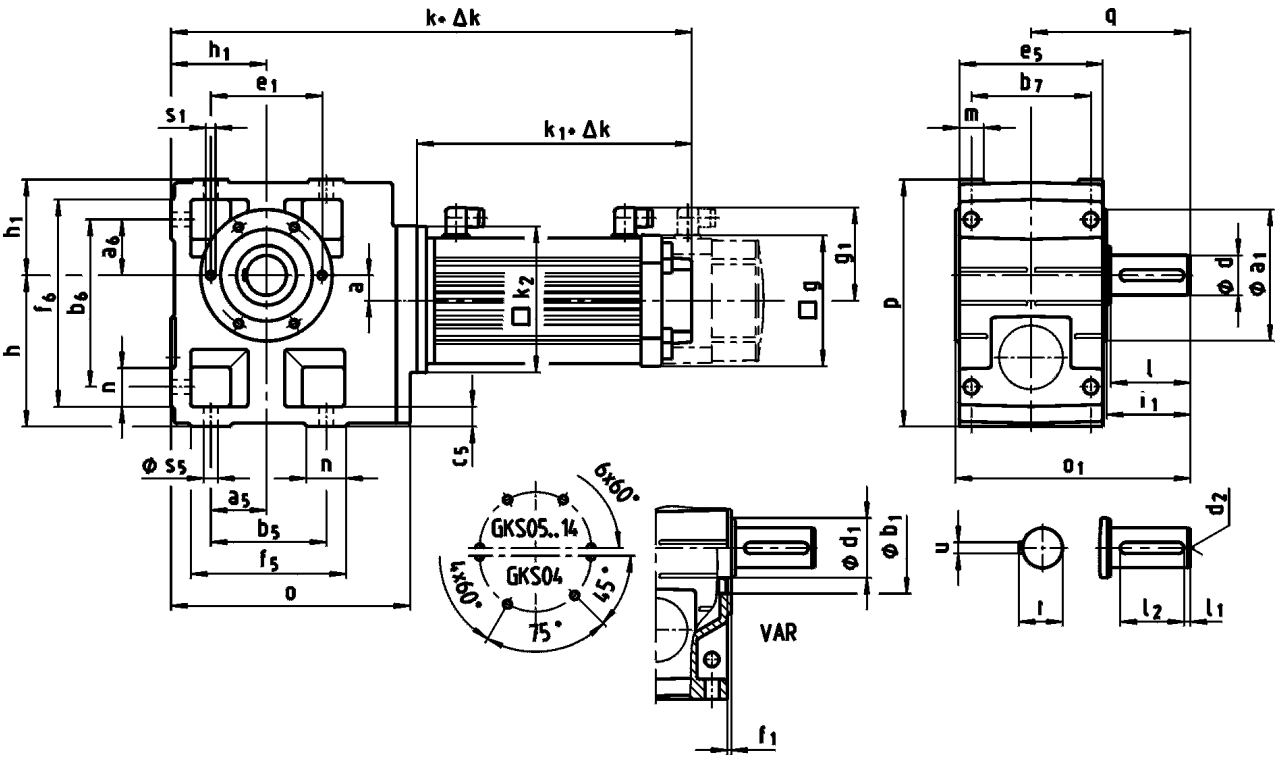
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-3A HAK

	o	o_1	p	h	h_1	a	q	k_8
GKS04...	203	149	171	100	71	20	91	39
GKS05...	232	174	205	125	80	23	103.5	40
GKS06...	291	203 [2] 202 [3]	250	150	100	28	122.5 [2] 121.5 [3]	50 [2] 49 [3]
GKS07...	354	256	310	190	120	34	155.5	66
GKS09...	429	301	386	236	150	41	180.5	70
GKS11...	527	351	485	300	185	54	205.5	71
GKS14...	636	411	605	375	230	67	235.5	72

[2] a_2 = 200
[3] a_2 = 250

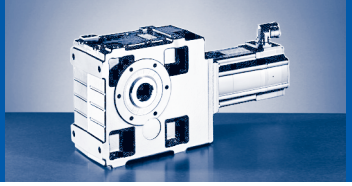
	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GKS04...	25	115	45	100	8	28.3	160	110	10	130	3.5	33.5	4 x 9
	30					33.3							
GKS05...		140	50	124			200	130	12	165			4 x 11
	35				10	38.3							
GKS06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GKS07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			
GKS09...	60	240	95	210	18	64.4	350	250	18	300		60.5	4 x 17.5
	70				20	74.9							
GKS11...		290	105	250			400	300	20	350	5		
	80				22	85.4	450	350	22	400			8 x 17.5
GKS14...	100	350	135	305	28	106.4							



GKS□□-3A V□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS04...	k	475	483	551						
GKS05...	k	495	503	571	553		615			
GKS06...	k	551	559	627	609		671		648	
GKS07...	k	607	615	683	665		727		704	
GKS09...	k				736		798		775	
GKS11...	k				827		889		866	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-3A V□R ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS06...	k	737									
GKS07...	k	793		773		870		851		947	
GKS09...	k	864		844		941		922		1018	
GKS11...	k	955		935		1032		1013		1109	
GKS14...	k			1034		1131		1112		1208	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

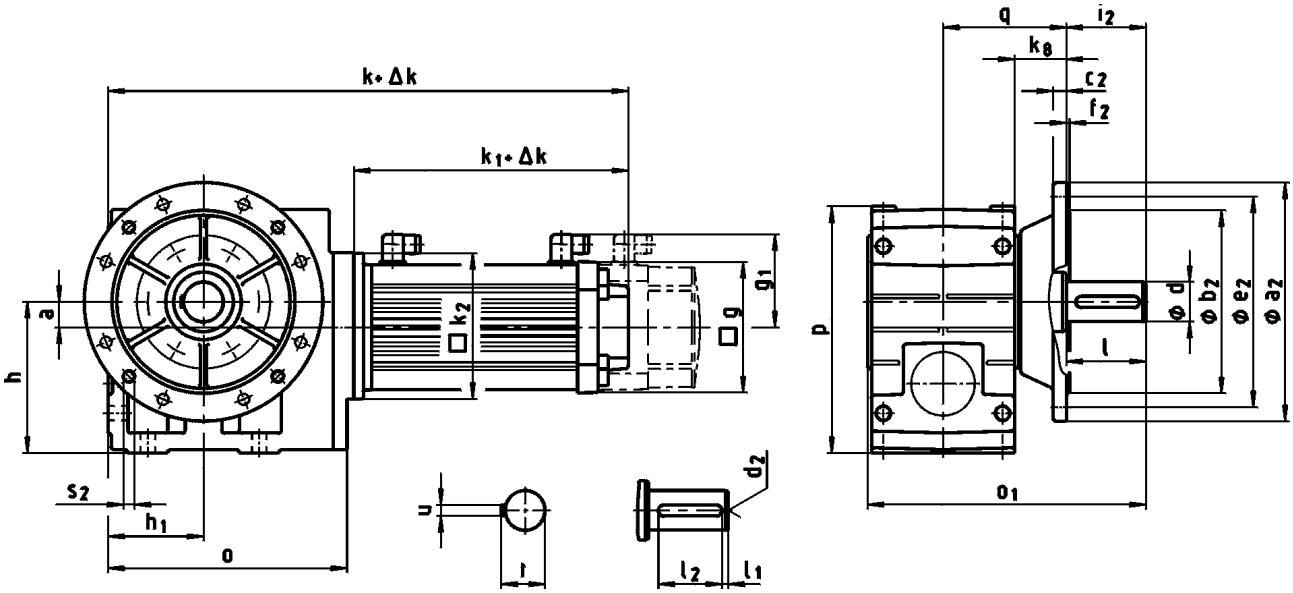
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-3A V□R

	o	o_1	p	h	h_1	a	q	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS04...	203	163	171	100	71	20	107.5	45	45	110	119	85	14	105	132	141	21	22	9
GKS05...	232	197	205	125	80	23	130	47.5	47.5	115	140	105	17	127	144	169		29	11
GKS06...	291	236	250	150	100	28	160	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	354	296	310	190	120	34	200	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	429	356	386	236	150	41	240	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	527	445	485	300	185	54	305	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	636	544	605	375	230	67	375	135	135	360	415	275	50	328	442	497	52	82	33

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				
GKS04...	25	50	45	4	40	M10	8	28	105	75	90	3	52.5	M6x12
GKS05...	30	60	50	6	45			33	118	80	100	4	64	M8x15
GKS06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GKS07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18
GKS09...	60	120	95		100	M20	18	64	205	145	175	6	125	M16x24
GKS11...	80	160	105	15	125		22	85	240	140	205		166	M20x32
GKS14...	100	200	135	18	160	M24	28	106	290	170	250		207	M24x35

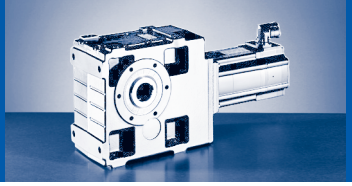
d ≤ 50 mm: k6; d > 50 mm: m6



GKS□□-3A VAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS04...	k	475	483	551						
GKS05...	k	495	503	571	553		615			
GKS06...	k	551	559	627	609		671		648	
GKS07...	k	607	615	683	665		727		704	
GKS09...	k				736		798		775	
GKS11...	k				827		889		866	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-3A VAK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS06...	k	737									
GKS07...	k	793		773		870		851		947	
GKS09...	k	864		844		941		922		1018	
GKS11...	k	955		935		1032		1013		1109	
GKS14...	k			1034		1131		1112		1208	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

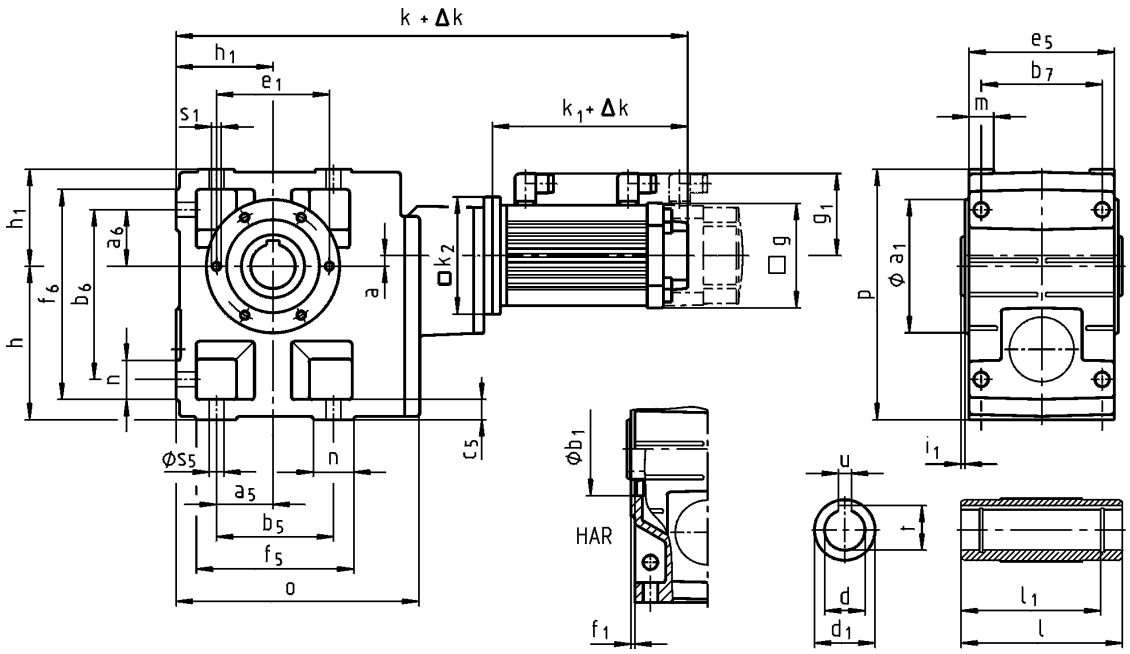
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-3A VAK

	o	o_1	p	h	h_1	a	q	k_8
GKS04...	203	196	171	100	71	20	91	39
GKS05...	232	230	205	125	80	23	103.5	40
GKS06...	291	277	250	150	100	28	121.5	49
GKS07...	354	351	310	190	120	34	155.5	66
GKS09...	429	416	386	236	150	41	180.5	70
GKS11...	527	505	485	300	185	54	205.5	71
GKS14...	636	604	605	375	230	67	235.5	72

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GKS04...	25	50	4	40	M10	8	28	160	110	10	130	3.5	50	4 x 9
GKS05...	30	60	6	45			33	200	130	12	165		60	4 x 11
GKS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GKS07...	50	100	8	80		14	53.5	300	230	17	265		100	
GKS09...	60	120		100	M20	18	64	350	250	18	300		120	4 x 17.5
GKS11...	80	160	15	125		22	85	400	300	20	350	5	160	8 x 17.5
GKS14...	100	200	18	160	M24	28	106	450	350	22	400		200	

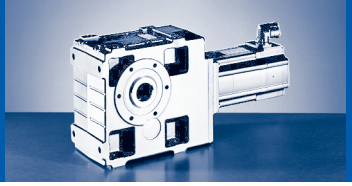
d ≤ 50 mm: k6; d > 50 mm: m6



GKS□□-4A H□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS05...	**k**	571	580	648						
GKS06...	**k**	644	653	721						
GKS07...	**k**	711	720	788	770		832			
GKS09...	**k**	800	809	877	859		921		898	
GKS11...	**k**	910	919	987	969		1031		1008	
GKS14...	**k**				1102		1164		1141	
...RSO B0 [1]	**Δ k**	0								
...RSO P□ [1]	**Δ k**	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-4A H□R ... RSO

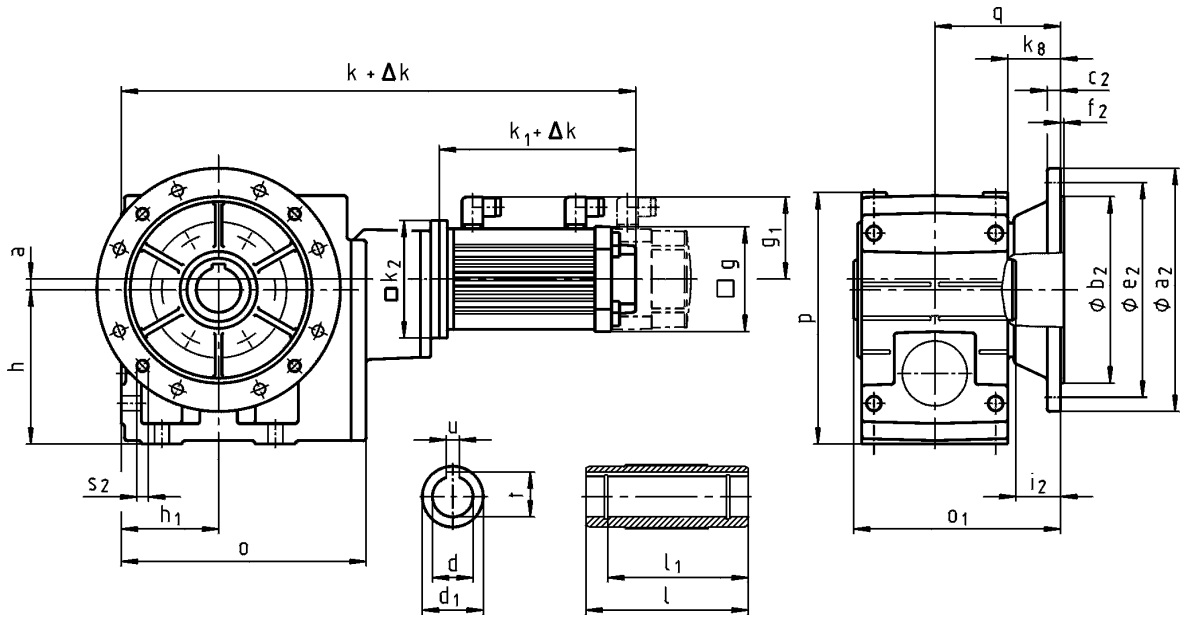
		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS09...	k	987									
GKS11...	k	1097		1076		1173		1155		1251	
GKS14...	k	1230		1209		1306		1288		1384	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-4A H□R

	o	p	h	h_1	a	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS05...	226	205	125	80	13	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06...	288	250	150	100	8	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	351	310	190	120	11	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	426	386	236	150	15	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	523	485	300	185	16	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	632	605	375	230	22	135	135	360	415	275	50	328	442	497	52	82	33

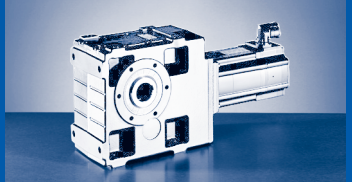
	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				6x60°
GKS05...	30	140	50	124	8	33.3	118	80	100	4	4	M8x15
	35				10	38.3						
GKS06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GKS07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						
GKS09...	60	240	95	210	18	64.4	205	145	175	6		M16x24
	70				20	74.9						
GKS11...		290	105	250			240	140	205		6	M20x32
	80				22	85.4						
GKS14...	100	350	135	305	28	106.4	290	170	250		7	M24x35



GKS□□-4A HAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS05...	k	571	580	648						
GKS06...	k	644	653	721						
GKS07...	k	711	720	788	770		832			
GKS09...	k	800	809	877	859		921		898	
GKS11...	k	910	919	987	969		1031		1008	
GKS14...	k				1102		1164		1141	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-4A HAK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS09...	k	987									
GKS11...	k	1097		1076		1173		1155		1251	
GKS14...	k	1230		1209		1306		1288		1384	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

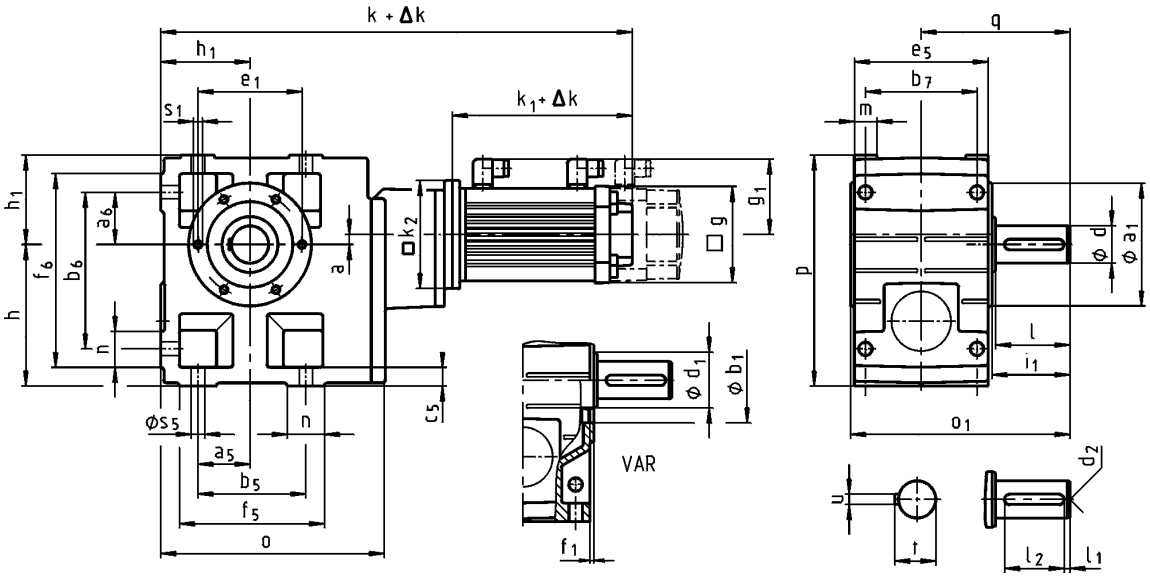
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-4A HAK

	o	o_1	p	h	h_1	a	q	k_8
GKS05...	226	174	205	125	80	13	103.5	40
GKS06...	288	203 [2] 202 [3]	250	150	100	8	122.5 [2] 121.5 [3]	50 [2] 49 [3]
GKS07...	351	256	310	190	120	11	155.5	66
GKS09...	426	301	386	236	150	15	180.5	70
GKS11...	523	351	485	300	185	16	205.5	71
GKS14...	632	411	605	375	230	22	235.5	72

[2] a_2 = 200
[3] a_2 = 250

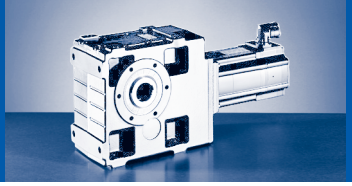
	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GKS05...	30	140	50	124	8	33.3	200	130	12	165	3.5	33.5	4 x 11
	35				10	38.3							
GKS06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GKS07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			
GKS09...	60	240	95	210	18	64.4	350	250	18	300		60.5	4 x 17.5
	70				20	74.9							
GKS11...		290	105	250			400	300	20	350	5		
	80				22	85.4	450	350	22	400			8 x 17.5
GKS14...	100	350	135	305	28	106.4							



GKS□□-4A V□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS05...	k	571	580	648						
GKS06...	k	644	653	721						
GKS07...	k	711	720	788	770		832			
GKS09...	k	800	809	877	859		921		898	
GKS11...	k	910	919	987	969		1031		1008	
GKS14...	k				1102		1164		1141	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-4A V□R ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS09...	k	987									
GKS11...	k	1097		1076		1173		1155		1251	
GKS14...	k	1230		1209		1306		1288		1384	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

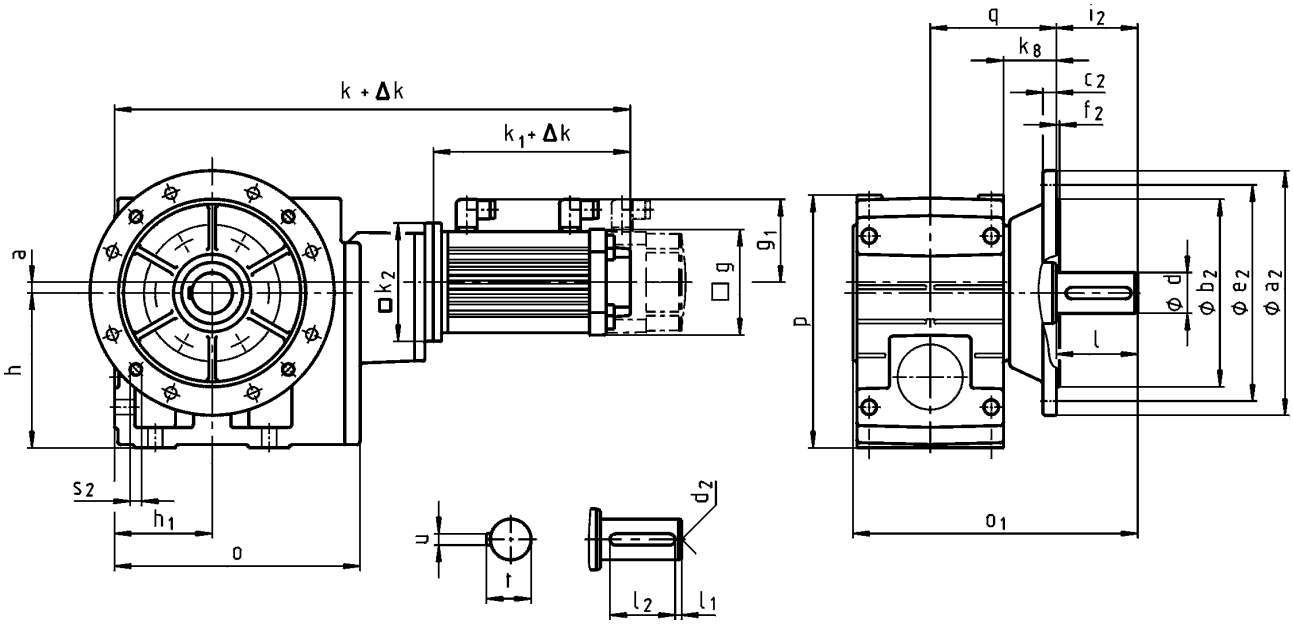
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-4A V□R

	o	o_1	p	h	h_1	a	q	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GKS05...	226	197	205	125	80	13	130	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06...	288	236	250	150	100	8	160	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	351	296	310	190	120	11	200	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	426	356	386	236	150	15	240	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	523	445	485	300	185	16	305	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	632	544	605	375	230	22	375	135	135	360	415	275	50	328	442	497	52	82	33

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				6x60°
GKS05...	30	60	50	6	45	M10	8	33	118	80	100	4	64	M8x15
GKS06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GKS07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18
GKS09...	60	120	95		100	M20	18	64	205	145	175	6	125	M16x24
GKS11...	80	160	105	15	125		22	85	240	140	205		166	M20x32
GKS14...	100	200	135	18	160	M24	28	106	290	170	250		207	M24x35

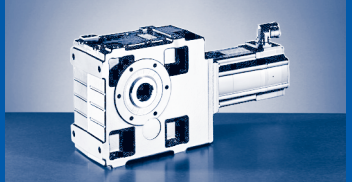
d ≤ 50 mm: k6; d > 50 mm: m6



GKS□□-4A VAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS05...	k	571	580	648						
GKS06...	k	644	653	721						
GKS07...	k	711	720	788	770		832			
GKS09...	k	800	809	877	859		921		898	
GKS11...	k	910	919	987	969		1031		1008	
GKS14...	k				1102		1164		1141	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-4A VAK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS09...	k	987									
GKS11...	k	1097		1076		1173		1155		1251	
GKS14...	k	1230		1209		1306		1288		1384	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

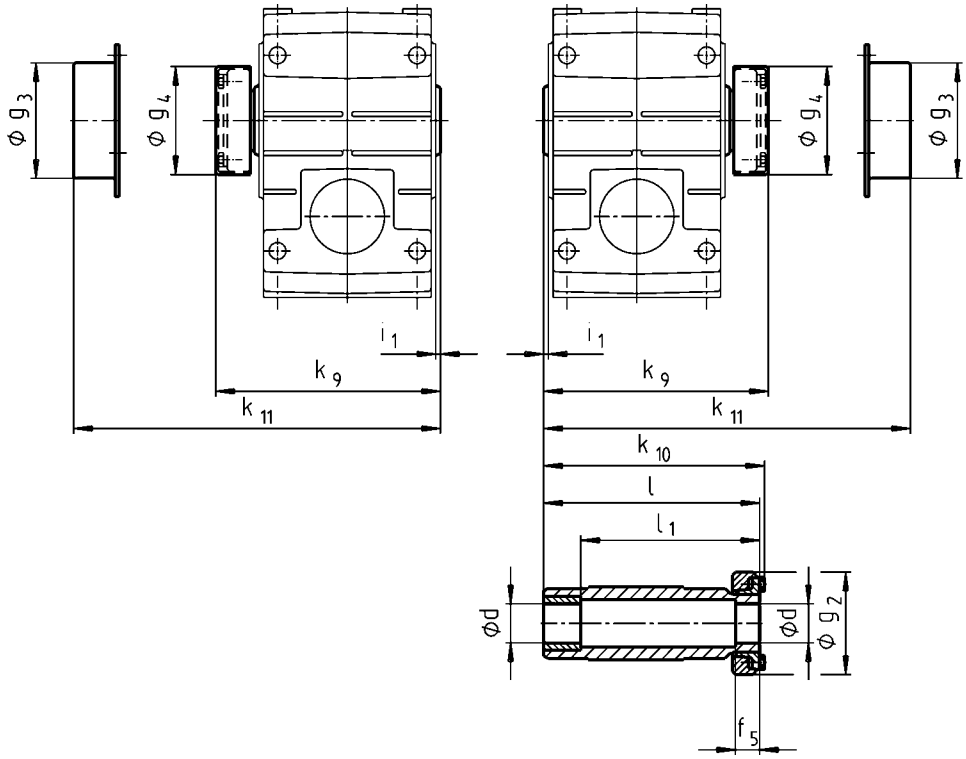
GKS□□-4A VAK

	o	o_1	p	h	h_1	a	q	k_8
GKS05...	226	230	205	125	80	13	103.5	40
GKS06...	288	277	250	150	100	8	121.5	49
GKS07...	351	351	310	190	120	11	155.5	66
GKS09...	426	416	386	236	150	15	180.5	70
GKS11...	523	505	485	300	185	16	205.5	71
GKS14...	632	604	605	375	230	22	235.5	72

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GKS05...	30	60	6	45	M10	8	33	200	130	12	165	3.5	60	4 x 11
GKS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GKS07...	50	100	8	80		14	53.5	300	230	17	265		100	
GKS09...	60	120		100	M20	18	64	350	250	18	300		120	4 x 17.5
GKS11...	80	160	15	125		22	85	400	300	20	350	5	160	
GKS14...	100	200	18	160	M24	28	106	450	350	22	400		200	8 x 17.5

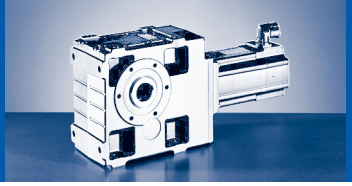
d ≤ 50 mm: k6; d > 50 mm: m6

Hollow shaft with shrink disc

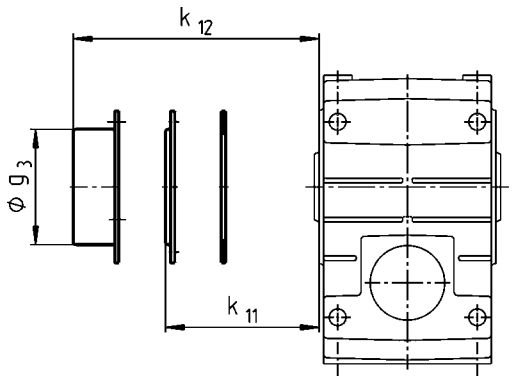


	Machine shaft	Hollow shaft with shrink disc						Protective cap		Cover	
	d	i_1	k_{10}	g_2	l	l_1	f_5	k_9	g_4	k_{11}	g_3
	h6										
GKS04...	25 30	2.5	148	72	142	122	26	150	76	154	79
GKS05...	35	4	174	80	168	148	28	176	84	179	90
GKS06...	40	5	200	90	194	164	30	202	94	204	100
GKS07...	50		238	110	232	192	26	241	116	244	124
GKS09...	65		285	141	278	228	30	288	147	287	159
GKS11...	80	6	344	170	338	238	42	347	176	349	191
GKS14...	100	7	415	215	407	307	55	418	221	421	253

► Ensure that the strength of the shaft material is adequate in shrink disc designs.
When using typical steels (e.g. C45, 42CrMo4), the torques listed in the selection tables can be used without restriction.
When using material that is considerably weaker, please consult us. Medium surface roughness Rz must not exceed 15 µm (turning operation is sufficient).

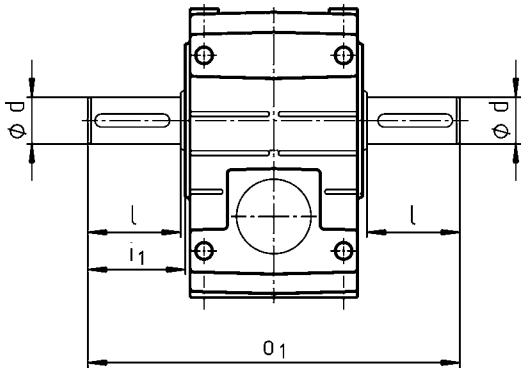


Hoseproof hollow shaft cover

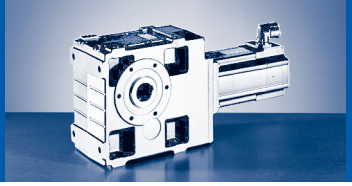


	Cover including seal		
	k_{11}	k_{12}	g_3
GKS04...	9		
GKS05...	10		
GKS06...	11		
GKS07...			
GKS09...		54	159
GKS11...		67	191
GKS14...		80	253

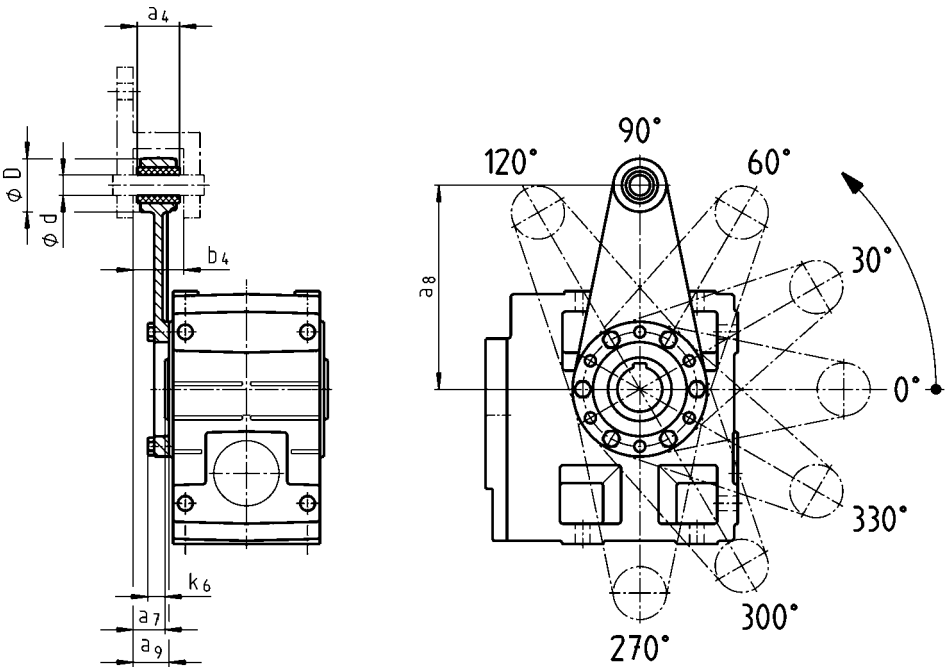
Gearbox with 2nd output shaft end



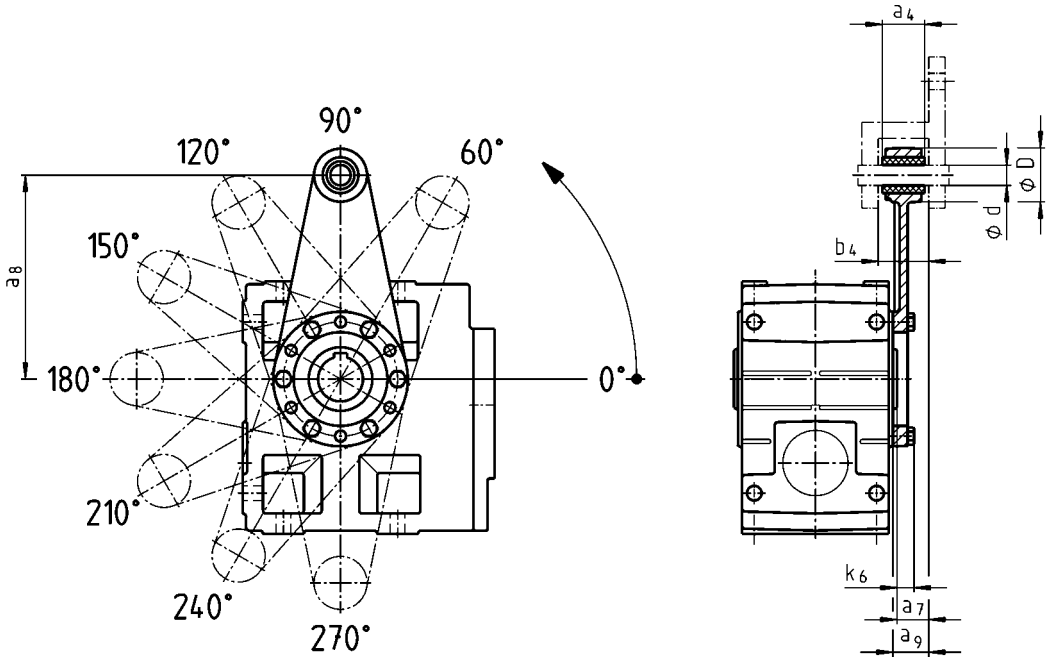
	d	l	i_1	o_1
GKS04...	25	50	52.5	215
GKS05...	30	60	64	260
GKS06...	40	80	85	320
GKS07...	50	100	105	400
GKS09...	60	120	125	480
GKS11...	80	160	166	610
GKS14...	100	200	207	750



Torque plate at threaded pitch circle in position 3

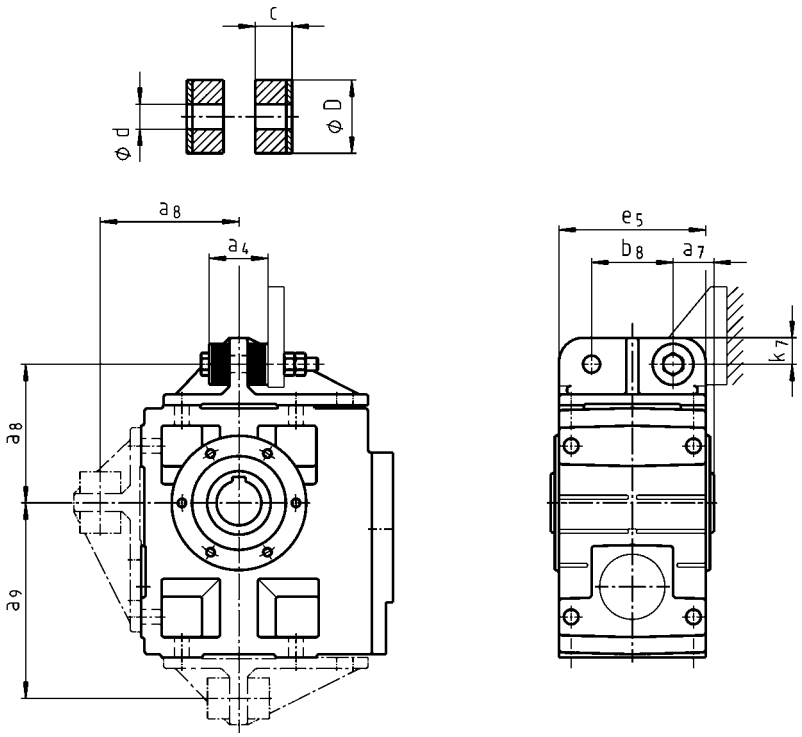


Torque plate at threaded pitch circle in position 5

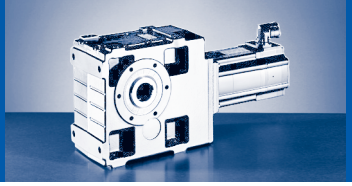


	Installation space							
	a_7	b_4	a_4	a_8	a_9	d	D	k_6
GKS04...	24	34.5	30	130	26.5	12	35	16
GKS05...	23.5	38.5	34	160	27.5	16	45	15
GKS06...	28	44.5	40	200	33	20	50	18
GKS07...	32.5	50.5	46	250	37.5	25	65	21

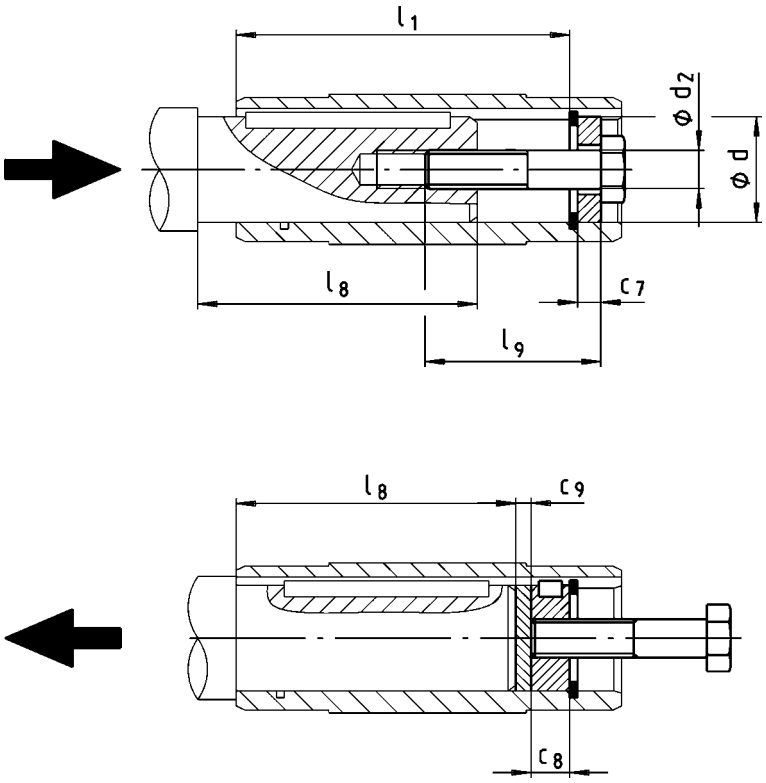
Torque plate at casing foot in position 2, 4 or 6



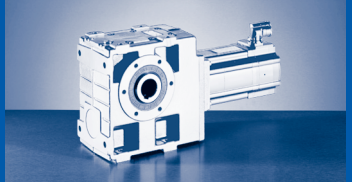
	a_4	a_7	a_8	a_9	b_8	c	d	D	e_5	k_7
GKS04...	41	27.5	106	135	60	14.5	11	30	100	20
GKS05...	45	35	115	160	70	15	13	40	127	25
GKS06...	72	40	145	195	80	27	17	50	145	28
GKS07...	78	50	170	240	100	28	21	60	180	35
GKS09...	86	60	214	300	120	29	26	72	222	46
GKS11...	94	72.5	260	375	145	30	33	92	270	55
GKS14...	100	85	320	465	180		39	110	328	70



Mounting set for hollow shaft circlip
Proposed design for auxiliary tools



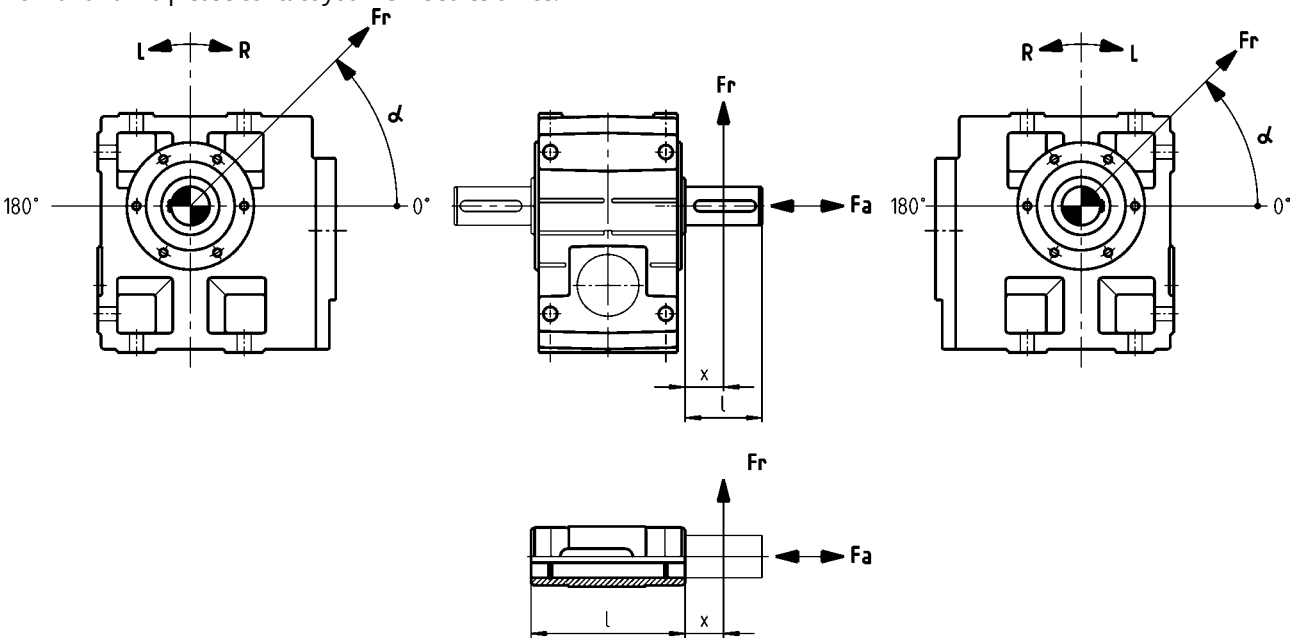
	Hollow shaft		Hollow shaft circlip mounting set (Assembly auxiliaries)			Auxiliary tools Disassembly		Machine shaft
	d	l_1	d_2	l_9	c_7	c_8	c_9	max l_8
	H7							
GKS04...	25	100	M10	40	5	10	3	85
	30				6			
GKS05...		124						107
	35		M12	50	7	12		
GKS06...	40	140	M16	60	8	16	4	118
	45				9			
GKS07...	50	175			10		5	148
	55		M20	80	11	20		
GKS09...	60	210			13			182
	70				14			
GKS11...		250					6	221
	80				16			
GKS14...	100	305	M24	100	20	24	8	270



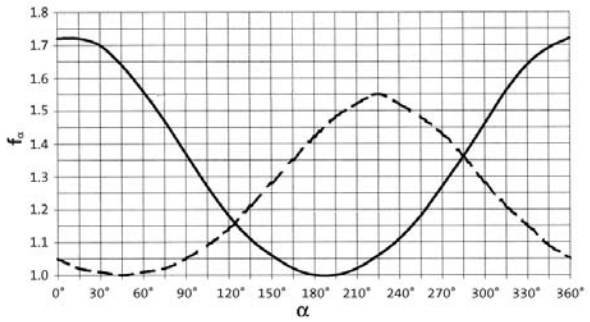
Permissible radial force
$Fr_{zul} = \min (f_w \times f_\alpha \times Fr_{Tab} ; f_w \times Fr_{max})$

Permissible axial force
$Fa_{zul} = Fa_{Tab}$ at Fr = 0

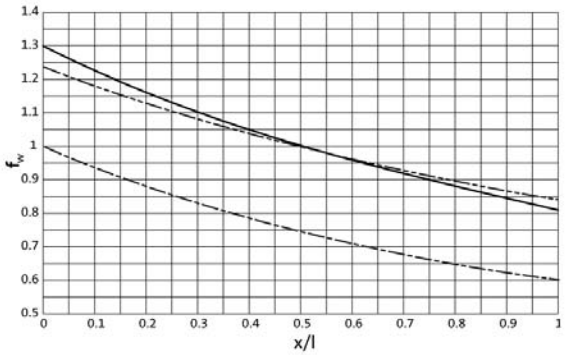
At Fr **and** Fa ≠ 0 please contact your Lenze sales office.



Effective direction factor f_α at output shaft



Additional load factor f_w at output shaft



——— Direction of rotation R
— — — Direction of rotation L

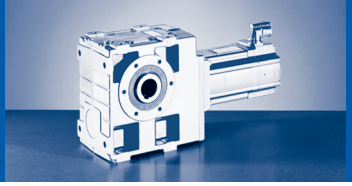
——— Solid shaft (V□R)
— — — Solid shaft with flange (V□K)
— · — Hollow shaft (H□□)

	Solid shaft without flange (V□R) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0							
	GSS04-2		GSS05-2/3		GSS06-2/3		GSS07-2/3	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
630	2200	2200	2300	1600	3400	1900	3700	1800
400	2400	2900	2500	2200	3500	2500	4000	2400
250	3000	3700	2900	2800	3600	3200	4200	3100
160	3500	4200	3400	3500	4200	4100	5100	4100
100	4100	4900	4000	4400	5000	5200	6300	5500
63	4200	5500	4300	5500	5900	6500	7700	7200
40	4200	5500	4300	6000	6900	8200	9300	9500
25	4200	5500	4300	6000	8200	9000	11300	12500
≤ 16	4200	5500	4300	6000	8500	9000	12000	12500
Fr_{max}	4200	-	4300	-	8500	-	12000	-

	Solid shaft with flange (V□K) Application of force Fr: centre of shaft journal (x = l/2) Fa_{Tab} only valid for Fr = 0							
	GSS04-2		GSS05-2/3		GSS06-2/3		GSS07-2/3	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
630	2750	2100	3450	1500	5100	1600	5500	1400
400	3000	2800	3750	2000	5250	2200	6000	1900
250	4100	3500	4900	2500	7000	2800	7900	2400
160	4400	4000	4900	3100	8100	3500	9100	3200
100	4700	4200	4900	4000	9400	4500	10600	4300
63	4700	4200	4900	4900	9400	5700	12400	5900
40	4700	4200	4900	5500	9400	7300	14000	8000
25	4700	4200	4900	5500	9400	8800	14000	10000
≤ 16	4700	4200	4900	5500	9400	8800	14000	10000
Fr_{max}	4700	-	4900	-	9400	-	14000	-

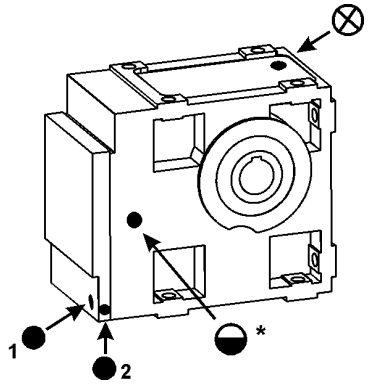
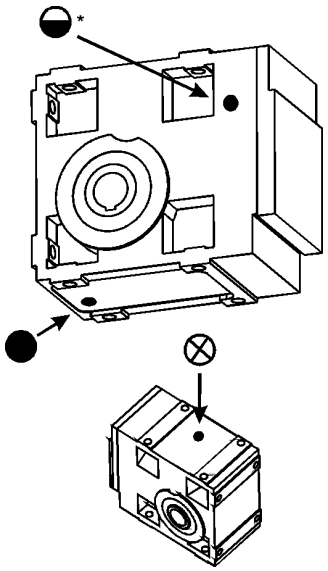
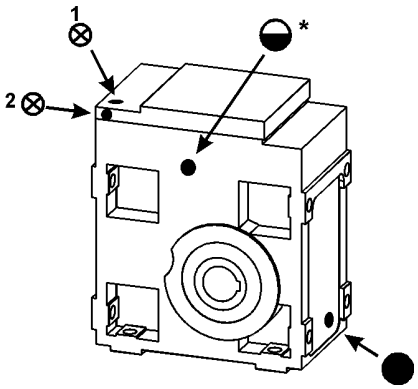
	Hollow shaft (H□□) Application of force Fr: on hollow shaft end face (x = 0) Fa_{Tab} only valid for Fr = 0							
	GSS04-2		GSS05-2/3		GSS06-2/3		GSS07-2/3	
n_2 [r/min]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]	Fr_{Tab} [N]	Fa_{Tab} [N]
630	2800	2200	3000	1600	4400	1900	4600	1800
400	3000	2900	3200	2200	4600	2500	5100	2400
250	3800	3700	3600	2800	4800	3200	5600	3100
160	4500	4200	4300	3500	5600	4100	6700	4100
100	5300	4900	5100	4400	6600	5200	8200	5500
63	6000	5500	6000	5500	7700	6500	10000	7200
40	6000	5500	7000	6000	9100	8200	12100	9500
25	6000	5500	7500	6000	10700	9000	14800	12500
≤ 16	6000	5500	7500	6000	11500	9000	16000	12500
Fr_{max}	6000	-	7500	-	11500	-	16000	-

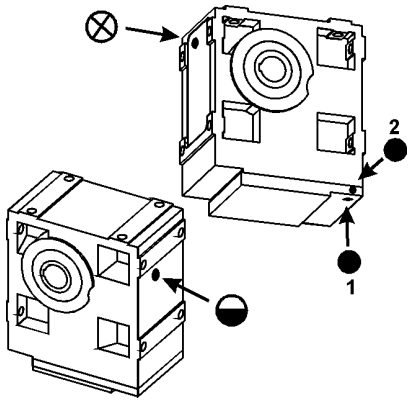
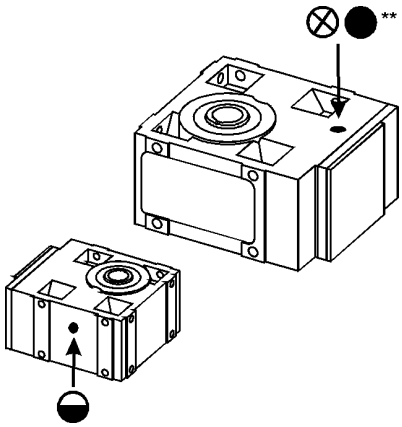
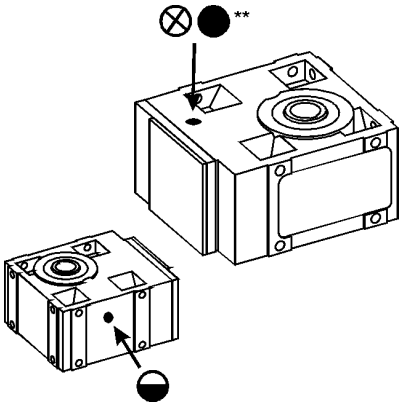
► Neither radial nor axial forces are permissible for the hollow shaft with shrink disc (S□□).



Position of ventilation, sealing elements and oil control

GSS05...07-2

Mounting position		
A	B	C
		

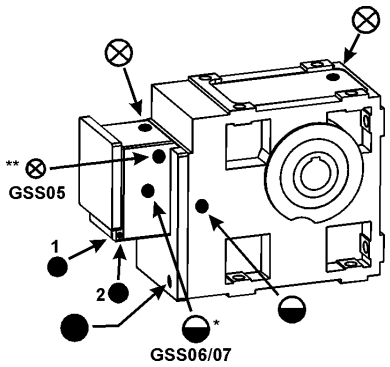
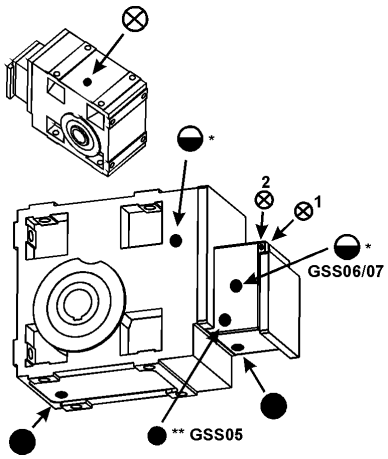
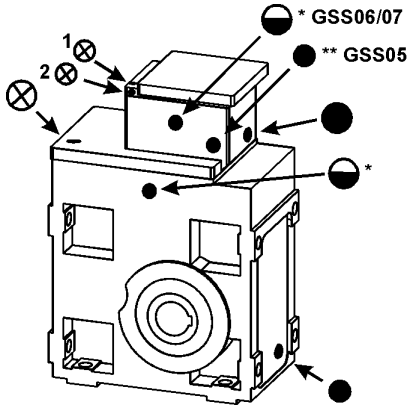
Mounting position		
D	E	F
		

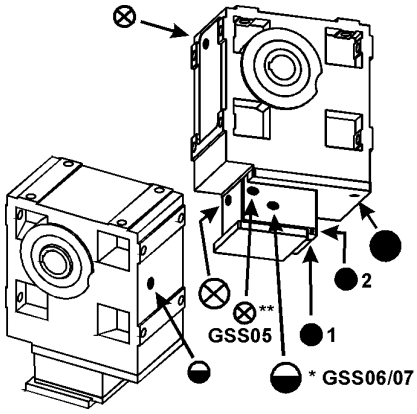
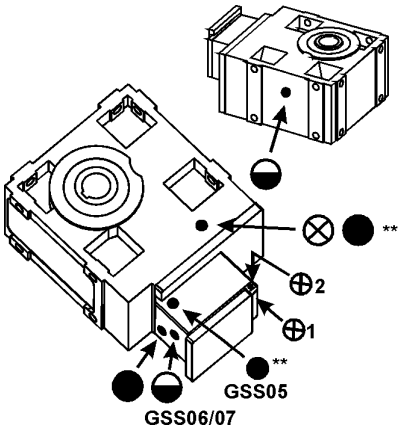
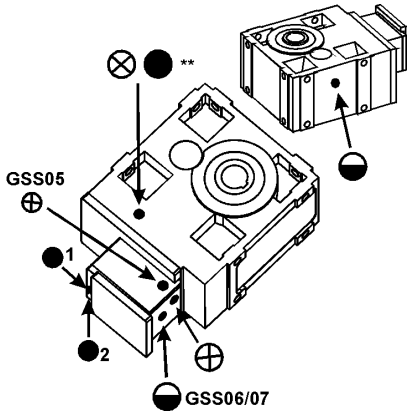
⊗ Ventilation/oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** Opposite

Pos.1 standard
Pos.2 only on GSS05-2A □□□ 14LC□□

Position of ventilation, sealing elements and oil control

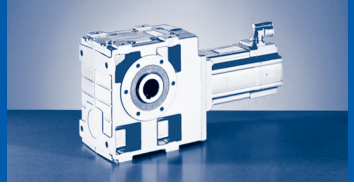
GSS05...07-3

Mounting position		
A	B	C
		

Mounting position		
D	E	F
		

⊗ Ventilation/oil filler plug
● Oil drain plug
◒ Oil control plug
* On both sides
** Opposite

Pos.1 standard
Pos.2 only on GSS07-3A □□□ 14LC□□



GSS□□-2S HAR/HBR...RSO B0

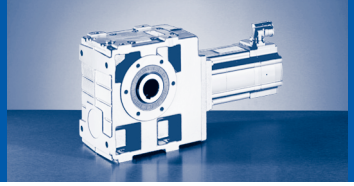
	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GSS04...	14	15		17	18	19	21							
GSS05...	22	23		25	26	27	29	28		32			35	
GSS06...	35	36		38	39	40	42	41		44			47	
GSS07...				63	64	65	67	66		69			72	

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GSS06...	46		51		55		60							
GSS07...	71		76		81		86		88		95		105	

GSS□□-3S HAR/HBR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GSS05...	25		26	28		29	31							
GSS06...	40		41	43	44		46							
GSS07...	67	68	69	70	71	72	74			77			80	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



GSS [kg]

GSS□□-2A HAR/HBR...RSO B0

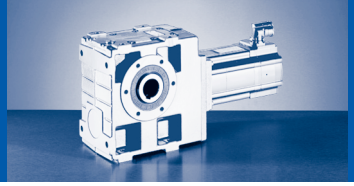
	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GSS04...	18	23	24						
GSS05...	28	32	33	37		39			
GSS06...	40	44	45	50		52		58	
GSS07...	65	69	70	75		77		82	

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GSS06...	60									
GSS07...	85		106		109		123		126	

GSS□□-3A HAR/HBR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10
GSS05...	28	33	35				
GSS06...	44	48	50				
GSS07...	73	77	78	82		84	

Note additional weights.
Weights in [kg] with oil capacity for mounting position A, all given as approximate values



Additional weights MCS servo motors

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
...P1	0.3			0.8				0.9						
...P2				0.5				1.2						
...SCS/SCM/SRM/SRS ...ECN/EQN	0.4			0.2				0.3						

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
...P1	1.9								1.5					
...P2	3.1										4.3			
...SCS/SCM/SRM/SRS ...ECN/EQN	0.3													

Additional weights MCA servo motors

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
...P1/P5								2.4	
...P2/P6	0.8	1.4		1.5					
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.3	0.5		0.6				0.7	

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
...P1/P5	2.4		4.8				5.0			
...P2/P6										
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.7		1.0				1.1			

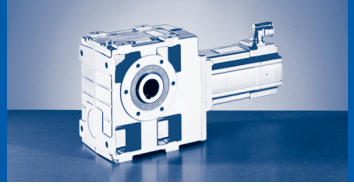
Additional weights gearbox

	Solid shaft	2nd output shaft end	Hollow shaft with shrink disc	Flange	Casing foot torque plate	Threaded hole circle torque plate
	V□□	V□□	S□□	□□K		
GSS04...	0.6	0.2	0.6	2.5	1.3	0.9
GSS05...	1	0.3	0.8	4	2.2	1.3
GSS06...	2.5	0.8	1	7	3.7	2.1
GSS07...	5	1.5	1.5	11	6.6	3.7

Weights in [kg]

► $i_g = z_g / z_t$

	i	z_g	z_t
GSS04-2	5.639	1015	180
	7.733	1160	150
	9.042	1085	120
	9.897	1247	126
	10.827	1624	150
	12.400	1240	100
	13.810	1740	126
	15.869	1333	84
	17.360	1736	100
	20.417	1225	60
	22.143	1860	84
	24.800	1240	50
	27.125	1953	72
	31.738	1333	42
	34.100	2046	60
	39.200	1960	50
	43.917	2108	48
	50.000	2100	42
	54.250	1953	36
	61.250	2205	
	68.200	2046	30
	77.000	2310	
	87.833	2108	24
	99.167	2380	
	111.318	2449	22
	125.682	2765	
	139.500	2511	18
	157.500	2835	
	183.786	2573	14
	207.500	2905	
GSS05-2	5.639	1015	180
	7.733	1160	150
	9.042	1085	120
	9.897	1247	126
	10.827	1624	150
	12.400	1240	100
	13.810	1740	126
	15.869	1333	84
	17.360	1736	100
	20.417	1225	60
	22.143	1860	84
	24.800	1240	50
	27.125	1953	72
	31.738	1333	42
	35.306	2542	72
	39.200	1960	50

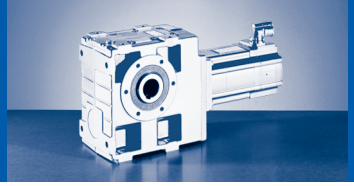


► $i_g = z_g / z_t$

	i	z_g	z_t
GSS05-2	43.917	2108	48
	50.000	2100	42
	54.250	1953	36
	61.250	2205	
	70.611	2542	
	79.722	2870	
	87.833	2108	24
	99.167	2380	
	113.667	2728	
	128.333	3080	
	137.950	2759	20
	155.750	3115	
	176.313	2821	16
	199.063	3185	
GSS05-3	125.476	126480	1008
	153.708	132804	864
	193.233	139128	720
	222.133	133280	600
	250.952	126480	504
	283.333	142800	
	307.417	132804	432
	347.083	149940	
	386.467	139128	360
	436.333	157080	
	497.722	143344	288
	561.944	161840	
	630.803	166532	264
	712.197	188020	
	790.500	170748	216
	892.500	192780	
	1041.452	174964	168
	1175.833	197540	
GSS06-2	5.833	1050	180
	8.000	1200	150
	9.042	1085	120
	10.238	1290	126
	11.200	1680	150
	12.400	1240	100
	14.286	1800	126
	15.869	1333	84
	17.360	1736	100
	20.417	1225	60
	22.143	1860	84
	24.800	1240	50
	27.125	1953	72
	31.738	1333	42

► $i_g = z_g / z_t$

	i	z_g	z_t
GSS06-2	35.306	2542	72
	39.200	1960	50
	43.917	2108	48
	50.000	2100	42
	54.250	1953	36
	61.250	2205	
	70.611	2542	
	79.722	2870	
	87.833	2108	24
	99.167	2380	
	113.667	2728	
	128.333	3080	
	137.950	2759	20
	155.750	3115	
	174.375	2790	16
	196.875	3150	
GSS06-3	126.531	111600	882
	142.857	126000	
	155.000	117180	756
	175.000	132300	
	194.857	122760	630
	220.000	138600	
	238.700	128898	540
	269.500	145530	
	310.689	167772	
	350.778	189420	
	386.467	139128	360
	436.333	157080	
	497.722	143344	288
	561.944	161840	
	630.803	166532	264
	712.197	188020	
	816.333	215512	
	921.667	243320	
	1023.000	220968	216
	1155.000	249480	
	1241.550	223479	180
	1401.750	252315	
	1635.693	228997	140
	1846.750	258545	
GSS07-2	5.862	1020	174
	8.125	1170	144
	9.086	1054	116
	10.000	1260	126
	11.200	1680	150
	12.594	1209	96
	14.286	1800	126



► $i_g = z_g / z_t$

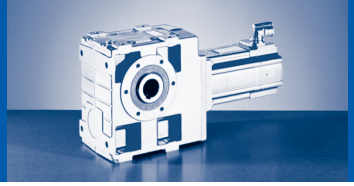
	i	z_g	z_t
GSS07-2	15.500	1302	84
	17.360	1736	100
	20.517	1190	58
	22.143	1860	84
	25.188	1209	48
	27.125	1953	72
	31.000	1302	42
	35.306	2542	72
	39.200	1960	50
	43.271	2077	48
	50.000	2100	42
	54.250	1953	36
	61.250	2205	
	70.611	2542	
	79.722	2870	
	86.542	2077	24
	97.708	2345	
	113.667	2728	
	128.333	3080	
	137.950	2759	20
	155.750	3115	
	174.375	2790	16
	196.875	3150	
GSS07-3	126.531	111600	882
	142.857	126000	
	155.000	117180	756
	175.000	132300	
	201.746	152520	
	227.778	172200	
	247.139	160146	648
	279.028	180810	
	321.673	208444	
	363.179	235340	
	394.245	170314	432
	445.116	192290	
	490.403	141236	288
	553.681	159460	
	634.639	182776	
	716.528	206360	
	833.556	240064	
	941.111	271040	
	1011.633	242792	240
	1142.167	274120	
	1227.755	245551	200
	1386.175	277235	
	1569.181	251069	160
	1771.656	283465	

$M_{2\,GN} \leq 180$ Nm

GSS04-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
5.639	86	1.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			7 5.8 718 718				
5.639	144	1.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				11 3.8 718 718	15 2.8 665 665	19 2.3 718 718	22 2.0 718 718
7.733	158	0.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				15 4.7 524 524	21 3.5 485 485	26 2.8 524 524	31 2.4 524 524
9.042	154	0.81	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				18 5.3 448 448	24 3.9 415 415	30 3.2 448 448	35 2.7 448 448
9.897	161	0.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				20 5.0 409 409	27 3.7 379 379	33 3.0 409 409	39 2.5 409 409
10.827	161	0.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				21 5.0 374 374	29 3.7 346 346	36 3.0 374 374	43 2.6 374 374
12.400	170	0.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				24 4.8 327 327	33 3.5 302 302	41 2.9 327 327	49 2.4 327 327
13.810	163	0.25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				27 5.0 293 293	38 3.7 272 272	46 3.0 293 293	55 2.6 293 293
15.869	180	0.33	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				31 4.1 255 255	43 3.0 236 236	53 2.5 255 255	63 2.1 255 255
17.360	180	0.28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			22 5.9 233 233	34 3.8 233 233	47 2.9 216 216	58 2.3 233 233	69 2.0 233 233
20.417	153	0.67	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		19 5.4 198 198	24 4.3 198 198	37 2.8 198 198	50 2.1 184 184	62 1.7 198 198	73 1.4 198 198
22.143	180	0.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			28 5.0 183 183	44 3.3 183 183	60 2.4 169 169	74 2.0 183 183	87 1.7 183 183
24.800	171	0.42	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		23 4.9 163 163	30 3.9 163 163	46 2.6 163 163	63 1.9 151 151	77 1.6 163 163	91 1.3 163 163

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 180$ Nm

GSS04-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
27.125	180	0.14	M_2		27	35	54	73	90	107
			c		5.5	4.4	2.9	2.1	1.7	1.5
			$n_{2\,Eck}$		149	149	149	138	149	149
			$n_{2\,th}$		149	149	149	138	149	149
31.738	180	0.29	M_2		30	38	59	80	99	117
			c		4.2	3.3	2.2	1.6	1.3	1.1
			$n_{2\,Eck}$		128	128	128	118	128	128
			$n_{2\,th}$		128	128	128	118	128	128
34.100	180	0.10	M_2		34	44				
			c		4.7	3.8				
			$n_{2\,Eck}$		119	119				
			$n_{2\,th}$		119	119				
39.200	180	0.25	M_2		37	46	72	97	119	
			c		3.6	2.9	1.9	1.4	1.1	
			$n_{2\,Eck}$		103	103	103	96	103	
			$n_{2\,th}$		103	103	103	96	103	
43.917	180	0.06	M_2		45	56				
			c		3.9	3.1				
			$n_{2\,Eck}$		92	92				
			$n_{2\,th}$		92	92				
50.000	180	0.17	M_2		47	59	91	123		
			c		3.1	2.4	1.6	1.2		
			$n_{2\,Eck}$		81	81	81	75		
			$n_{2\,th}$		81	81	81	75		
54.250	180	0.13	M_2	25	52	65	101	136		
			c	5.9	3.0	2.4	1.6	1.2		
			$n_{2\,Eck}$	75	75	75	75	69		
			$n_{2\,th}$	75	75	75	75	69		
61.250	180	0.13	M_2	28	57	72	111	150		
			c	5.4	2.7	2.2	1.4	1.0		
			$n_{2\,Eck}$	66	66	66	66	61		
			$n_{2\,th}$	66	66	66	66	61		
68.200	180	0.09	M_2	31	65	81				
			c	5.1	2.6	2.1				
			$n_{2\,Eck}$	59	59	59				
			$n_{2\,th}$	59	59	59				
77.000	180	0.09	M_2	35	71	90				
			c	4.7	2.3	1.9				
			$n_{2\,Eck}$	53	53	53				
			$n_{2\,th}$	53	53	53				
87.833	180	0.06	M_2	40	83	104				
			c	4.3	2.1	1.7				
			$n_{2\,Eck}$	46	46	46				
			$n_{2\,th}$	46	46	46				
99.167	180	0.06	M_2	45	92	115				
			c	3.9	1.9	1.6				
			$n_{2\,Eck}$	41	41	41				
			$n_{2\,th}$	41	41	41				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

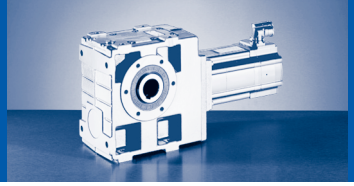
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 360$ Nm

GSS05-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
5.639	175	2.82	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						18 5.7 718 718	22 4.8 718 718
5.639	223	2.82	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
7.733	212	1.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						25 5.2 524 524	30 4.4 524 524
7.733	267	1.66	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
9.042	251	2.01	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				17 5.8 448 448	23 4.3 415 415	29 3.5 448 448	34 3.0 448 448
9.897	228	1.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					26 5.9 379 379	33 4.8 409 409	39 4.1 409 409
9.897	271	1.10	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
10.827	238	0.94	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					29 5.7 346 346	36 4.7 374 374	43 4.0 374 374
10.827	272	0.94	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
12.400	279	1.24	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					32 4.9 302 302	40 4.0 327 327	48 3.4 327 327
13.810	256	0.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					37 5.3 272 272	46 4.4 293 293	55 3.7 293 293
13.810	275	0.64	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							
15.869	301	0.84	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					42 4.9 236 236	51 4.0 255 255	61 3.4 255 255

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 360$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GSS05-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.82	175	5.639
	21 5.1 718 718	50 4.4 266 266	40 3.4 532 532	37 2.9 625 625	68 2.5 346 346	55 2.0 718 718	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.82	223	5.639
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	212	7.733
37 5.7 252 252	29 4.6 524 524	69 3.8 194 194	55 3.0 388 388	51 2.6 456 456	94 2.3 252 252	76 1.8 524 524	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.66	267	7.733
42 5.1 216 216	33 3.1 448 448	78 3.1 166 166	62 2.6 332 332	58 1.8 390 390	106 2.1 216 216	86 1.2 448 448	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.01	251	9.042
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.10	228	9.897
47 5.2 197 197	37 4.2 409 409	89 3.0 152 152	71 2.8 303 303	66 2.4 356 356	120 2.1 197 197	98 1.7 409 409	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.10	271	9.897
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.94	238	10.827
52 4.9 180 180	41 4.1 374 374	97 2.8 139 139	77 2.8 277 277	73 2.4 326 326	132 2.0 180 180	107 1.6 374 374	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.94	272	10.827
58 4.1 157 157	45 3.5 327 327	108 2.5 121 121	86 2.5 242 242	81 2.0 284 284	147 1.7 157 157	119 1.4 327 327	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.24	279	12.400
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.64	256	13.810
67 3.9 141 141	52 3.8 293 293	125 2.2 109 109	99 2.6 217 217	93 2.2 255 255	170 1.6 141 141	138 1.5 293 293	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.64	275	13.810
75 3.5 123 123	58 3.5 255 255	139 2.1 95 95	111 2.1 189 189	104 2.0 222 222	189 1.4 123 123	153 1.4 255 255	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.84	301	15.869

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

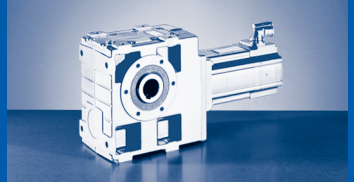
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 360$ Nm

GSS05-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
17.360	311	0.72	M_2					46	56	67
			c					4.6	3.8	3.2
			$n_{2\,Eck}$					216	233	233
			$n_{2\,th}$					216	233	233
20.417	253	1.60	M_2				35	48	59	70
			c				3.6	2.6	2.2	1.8
			$n_{2\,Eck}$				198	184	198	198
			$n_{2\,th}$				198	184	198	198
22.143	337	0.50	M_2				43	59	73	87
			c				5.3	3.9	3.2	2.7
			$n_{2\,Eck}$				183	169	183	183
			$n_{2\,th}$				183	169	183	183
24.800	280	1.06	M_2				44	61	75	89
			c				3.8	2.9	2.3	2.0
			$n_{2\,Eck}$				163	151	163	163
			$n_{2\,th}$				163	151	163	163
27.125	360	0.38	M_2				53	73	90	107
			c				4.6	3.4	2.8	2.4
			$n_{2\,Eck}$				149	138	149	149
			$n_{2\,th}$				149	138	149	149
31.738	306	0.73	M_2			37	58	79	97	115
			c			5.4	3.5	2.6	2.1	1.8
			$n_{2\,Eck}$			128	128	118	128	128
			$n_{2\,th}$			128	128	118	128	128
35.306	296	0.23	M_2			44				
			c			5.9				
			$n_{2\,Eck}$			115				
			$n_{2\,th}$			115				
35.306	360	0.23	M_2				70	95	117	139
			c				3.9	2.9	2.4	2.0
			$n_{2\,Eck}$				115	106	115	115
			$n_{2\,th}$				115	106	115	115
39.200	323	0.61	M_2		35	45	70	96	118	140
			c		5.9	4.7	3.1	2.3	1.9	1.6
			$n_{2\,Eck}$		103	103	103	96	103	103
			$n_{2\,th}$		103	103	103	96	103	103
43.917	306	0.17	M_2			56				
			c			5.1				
			$n_{2\,Eck}$			92				
			$n_{2\,th}$			92				
43.917	360	0.17	M_2				87	119	146	174
			c				3.4	2.5	2.0	1.7
			$n_{2\,Eck}$				92	85	92	92
			$n_{2\,th}$				92	85	92	92
50.000	353	0.44	M_2		46	58	91	123	152	181
			c		5.0	4.0	2.6	1.9	1.6	1.3
			$n_{2\,Eck}$		81	81	81	75	81	81
			$n_{2\,th}$		81	81	81	75	81	81
54.250	360	0.34	M_2		51	65	101	137	169	200
			c		4.8	3.8	2.5	1.9	1.5	1.3
			$n_{2\,Eck}$		75	75	75	69	75	75
			$n_{2\,th}$		75	75	75	69	75	75

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 360$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GSS05-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
83	64	152	122	114	207	168	M_2	0.72	311	17.360
3.3	3.3	2.0	2.0	1.9	1.3	1.3	c			
112	233	86	173	203	112	233	$n_{2\,Eck}$			
112	233	86	173	203	112	233	$n_{2\,th}$			
88	67	163	128	118	220		M_2	1.60	253	20.417
2.5	1.9	1.5	1.4	1.1	1.0		c			
96	198	74	147	173	96		$n_{2\,Eck}$			
96	198	73	147	173	96		$n_{2\,th}$			
106	83	195	156	146	265	215	M_2	0.50	337	22.143
2.8	2.8	1.7	1.7	1.6	1.1	1.1	c			
88	183	68	136	159	88	183	$n_{2\,Eck}$			
88	183	68	135	159	88	183	$n_{2\,th}$			
110	85	203	161	150			M_2	1.06	280	24.800
2.2	2.1	1.4	1.3	1.2			c			
79	163	61	121	142			$n_{2\,Eck}$			
79	163	60	121	142			$n_{2\,th}$			
130	102	240	192	180			M_2	0.38	360	27.125
2.4	2.5	1.5	1.5	1.4			c			
72	149	55	111	130			$n_{2\,Eck}$			
72	149	55	111	130			$n_{2\,th}$			
142	110	261	208	194			M_2	0.73	306	31.738
1.9	1.9	1.2	1.1	1.1			c			
61	128	47	95	111			$n_{2\,Eck}$			
61	128	47	95	111			$n_{2\,th}$			
							M_2	0.23	296	35.306
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.23	360	35.306
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
173	134	317					M_2	0.61	323	39.200
1.6	1.6	1.0					c			
50	103	38					$n_{2\,Eck}$			
50	103	38					$n_{2\,th}$			
							M_2	0.17	306	43.917
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
							M_2	0.17	360	43.917
							c			
							$n_{2\,Eck}$			
							$n_{2\,th}$			
221	172						M_2	0.44	353	50.000
1.4	1.4						c			
39	81						$n_{2\,Eck}$			
39	81						$n_{2\,th}$			
245	191						M_2	0.34	360	54.250
1.3	1.3						c			
36	75						$n_{2\,Eck}$			
36	75						$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

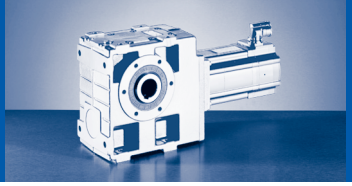
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 360$ Nm

GSS05-2S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
61.250	360	0.33	M_2		57	72	112	152	187	222
			c		4.4	3.5	2.3	1.7	1.4	1.2
			$n_{2\,Eck}$		66	66	66	61	66	66
			$n_{2\,th}$		66	66	66	61	66	66
70.611	360	0.21	M_2		67	85	132	179	220	262
			c		4.1	3.2	2.1	1.6	1.3	1.1
			$n_{2\,Eck}$		57	57	57	53	57	57
			$n_{2\,th}$		57	57	57	53	57	57
79.722	360	0.21	M_2		75	94	147	199	245	
			c		3.7	3.0	1.9	1.4	1.2	
			$n_{2\,Eck}$		51	51	51	47	51	
			$n_{2\,th}$		51	51	51	47	51	
87.833	360	0.15	M_2		84	106	165	223	275	
			c		3.5	2.8	1.8	1.4	1.1	
			$n_{2\,Eck}$		46	46	46	43	46	
			$n_{2\,th}$		46	46	46	43	46	
99.167	360	0.15	M_2		94	118	183	248	305	
			c		3.2	2.6	1.7	1.3	1.0	
			$n_{2\,Eck}$		41	41	41	38	41	
			$n_{2\,th}$		41	41	41	38	41	
113.667	360	0.10	M_2	53	110	138				
			c	6.0	3.0	2.4				
			$n_{2\,Eck}$	36	36	36				
			$n_{2\,th}$	36	36	36				
128.333	360	0.09	M_2	59	122	154				
			c	5.5	2.8	2.2				
			$n_{2\,Eck}$	32	32	32				
			$n_{2\,th}$	32	32	32				
137.950	360	0.07	M_2	65	134	168				
			c	5.3	2.6	2.1				
			$n_{2\,Eck}$	29	29	29				
			$n_{2\,th}$	29	29	29				
155.750	360	0.07	M_2	72	149	187				
			c	4.8	2.4	1.9				
			$n_{2\,Eck}$	26	26	26				
			$n_{2\,th}$	26	26	26				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 360$ Nm

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GSS05-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	$M_{2\,GN}$	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		$I_{M\,230}$			
2.6	4.5	3.8		5.7	5.9	10.2	$I_{M\,400}$			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
272 1.2 32 32	212 1.2 66 66						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.33	360	61.250
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.21	360	70.611
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.21	360	79.722
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.15	360	87.833
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.15	360	99.167
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.10	360	113.667
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.09	360	128.333
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.07	360	137.950
							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.07	360	155.750

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

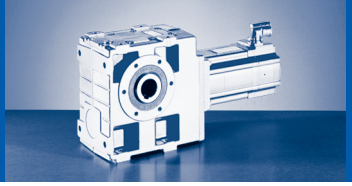
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 360$ Nm

GSS05-3S				06CC41	06FC41	06IC41	09DC41
				...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30
			n_1	4050	4050	4050	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6
			$I_{M\,400}$	1.3	1.5	1.6	2.3
			P_N	0.25	0.51	0.64	1.00
			J_M	0.17	0.25	0.33	1.13
125.476	339	0.15	M_2	63	129	163	251
			c	4.0	2.0	1.6	1.0
			$n_{2\,Eck}$	32	32	32	32
			$n_{2\,th}$	32	32	32	32
153.708	356	0.12	M_2	77	158	198	
			c	3.5	1.7	1.4	
			$n_{2\,Eck}$	26	26	26	
			$n_{2\,th}$	26	26	26	
193.233	360	0.08	M_2	97	197	247	
			c	3.0	1.5	1.2	
			$n_{2\,Eck}$	21	21	21	
			$n_{2\,th}$	21	21	21	
222.133	360	0.21	M_2	103	210	263	
			c	3.4	1.7	1.4	
			$n_{2\,Eck}$	18	18	18	
			$n_{2\,th}$	18	18	18	
250.952	360	0.15	M_2	118	240	301	
			c	3.0	1.5	1.2	
			$n_{2\,Eck}$	16	16	16	
			$n_{2\,th}$	16	16	16	
283.333	360	0.15	M_2	130	265	332	
			c	2.7	1.3	1.1	
			$n_{2\,Eck}$	14	14	14	
			$n_{2\,th}$	14	14	14	
307.417	360	0.12	M_2	143	291		
			c	2.5	1.2		
			$n_{2\,Eck}$	13	13		
			$n_{2\,th}$	13	13		
347.083	360	0.11	M_2	158	321		
			c	2.2	1.1		
			$n_{2\,Eck}$	12	12		
			$n_{2\,th}$	12	12		
386.467	360	0.08	M_2	178			
			c	2.0			
			$n_{2\,Eck}$	11			
			$n_{2\,th}$	10			
436.333	360	0.08	M_2	197			
			c	1.8			
			$n_{2\,Eck}$	9			
			$n_{2\,th}$	9			
497.722	360	0.05	M_2	226			
			c	1.6			
			$n_{2\,Eck}$	8			
			$n_{2\,th}$	8			
561.944	360	0.05	M_2	249			
			c	1.4			
			$n_{2\,Eck}$	7			
			$n_{2\,th}$	7			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

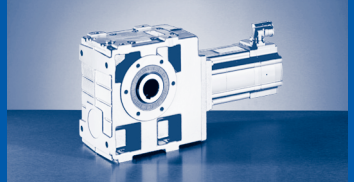


$M_{2\,GN} \leq 720$ Nm

GSS06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
5.833	308	6.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								22 5.4 694 694	51 5.8 257 257	41 4.5 514 514
5.833	356	6.97	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
8.000	353	4.22	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									71 4.8 188 188	56 4.6 375 375
8.000	489	4.22	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
9.042	417	5.54	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								33 5.9 448 448	77 5.1 166 166	63 3.9 332 332
10.238	380	2.81	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									91 4.0 147 147	72 4.4 293 293
10.238	522	2.81	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
11.200	308	2.39	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						44 6.0 362 362				
11.200	398	2.39	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									100 3.9 134 134	79 4.2 268 268
11.200	524	2.39	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
12.400	523	3.46	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								46 5.3 327 327	107 4.7 121 121	87 3.6 242 242
14.286	331	1.63	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						56 5.6 284 284				
14.286	428	1.63	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							69 5.9 137 137	53 5.9 284 284	129 3.3 105 105	102 4.1 210 210

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 720$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GSS06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
38	70	57									M_2	6.97	308	5.833
3.7	3.9	2.1									c			
604	334	694									$n_{2\,Eck}$			
604	334	694									$n_{2\,th}$			
				39	83	73	121	90	158	110	M_2	6.97	356	5.833
				3.1	4.2	2.0	2.9	1.6	2.2	1.3	c			
				617	257	553	257	553	231	553	$n_{2\,Eck}$			
				615	257	553	257	553	231	553	$n_{2\,th}$			
53	96	79									M_2	4.22	353	8.000
4.1	3.6	2.4									c			
441	244	506									$n_{2\,Eck}$			
441	244	506									$n_{2\,th}$			
				53	114	101	166	124	218	152	M_2	4.22	489	8.000
				3.5	4.2	2.2	2.9	1.8	2.2	1.5	c			
				450	188	403	188	403	169	403	$n_{2\,Eck}$			
				449	188	403	188	403	169	403	$n_{2\,th}$			
59	107	88	71	59	127	112	184	139	242	170	M_2	5.54	417	9.042
3.7	3.0	2.3	5.6	3.4	3.2	2.0	2.2	1.6	1.7	1.3	c			
390	216	448	166	398	166	357	166	357	149	357	$n_{2\,Eck}$			
390	216	448	166	397	166	357	166	357	149	357	$n_{2\,th}$			
68	124	101									M_2	2.81	380	10.238
4.0	3.0	2.5									c			
344	191	396									$n_{2\,Eck}$			
344	190	396									$n_{2\,th}$			
				68	147	129	214	160	280	195	M_2	2.81	522	10.238
				3.6	3.5	2.2	2.4	1.8	1.9	1.4	c			
				352	147	315	147	315	132	315	$n_{2\,Eck}$			
				351	147	315	147	315	132	315	$n_{2\,th}$			
											M_2	2.39	308	11.200
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
74	136	111									M_2	2.39	398	11.200
4.0	2.9	2.4									c			
315	174	362									$n_{2\,Eck}$			
315	174	362									$n_{2\,th}$			
			90	75	161	142	234	175	307	214	M_2	2.39	524	11.200
			5.5	3.6	3.2	2.1	2.2	1.7	1.7	1.4	c			
			134	321	134	288	134	288	121	288	$n_{2\,Eck}$			
			134	321	134	288	134	288	121	288	$n_{2\,th}$			
81	147	121	98	82	174	155	252	191	331	234	M_2	3.46	523	12.400
3.3	2.7	2.1	5.1	3.1	2.9	1.8	2.1	1.5	1.6	1.2	c			
284	157	327	121	290	121	260	121	260	109	260	$n_{2\,Eck}$			
284	157	327	121	290	121	260	121	260	109	260	$n_{2\,th}$			
											M_2	1.63	331	14.286
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
95	175	142									M_2	1.63	428	14.286
3.7	2.4	2.3									c			
247	137	284									$n_{2\,Eck}$			
247	137	284									$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

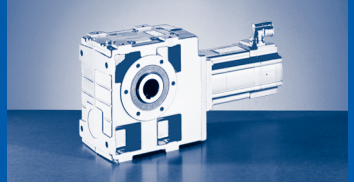
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 720$ Nm

GSS06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
14.286	528	1.63	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
15.869	443	2.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					51 5.6 255 255	62 4.8 255 255				
15.869	572	2.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								59 5.0 255 255	137 4.0 95 95	111 3.3 189 189
15.869	605	2.35	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
17.360	462	2.01	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					56 5.5 233 233	67 4.6 233 233				
17.360	597	2.01	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								64 4.9 233 233	150 3.9 86 86	122 3.3 173 173
17.360	624	2.01	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
20.417	488	4.17	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							90 4.1 96 96	71 3.3 198 198	166 2.9 74 73	134 2.2 147 147
22.143	494	1.39	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					72 5.1 183 183	86 4.3 183 183				
22.143	638	1.39	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							103 5.6 88 88	82 4.5 183 183	192 3.3 68 68	155 3.0 136 135
22.143	673	1.39	M_2 c $n_{2\,Eck}$ $n_{2\,th}$										
24.800	561	3.06	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							110 4.0 79 79	88 3.1 163 163	202 2.7 61 60	165 2.1 121 121
27.125	518	1.04	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				71 5.9 138 138	88 4.9 149 149	106 4.1 149 149				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 720$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GSS06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
			117	96	208	182	301	224	394	274	M_2	1.63	528	14.286
			4.4	3.4	2.5	2.0	1.7	1.6	1.3	1.3	c			
			105	252	105	226	105	226	95	226	$n_{2\,Eck}$			
			105	251	105	226	105	226	95	226	$n_{2\,th}$			
											M_2	2.35	443	15.869
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
105	189	155									M_2	2.35	572	15.869
3.1	2.6	2.0									c			
222	123	255									$n_{2\,Eck}$			
222	123	255									$n_{2\,th}$			
			125	105	223	198	323	244	423	299	M_2	2.35	605	15.869
			4.6	2.9	2.7	1.7	1.9	1.4	1.4	1.1	c			
			95	227	95	203	95	203	85	203	$n_{2\,Eck}$			
			95	226	95	203	95	203	85	203	$n_{2\,th}$			
											M_2	2.01	462	17.360
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
114	206	170									M_2	2.01	597	17.360
3.0	2.5	1.9									c			
203	112	233									$n_{2\,Eck}$			
203	112	233									$n_{2\,th}$			
			137	115	244	217	353	267	463	327	M_2	2.01	624	17.360
			4.4	2.8	2.5	1.6	1.8	1.3	1.3	1.1	c			
			86	207	86	186	86	186	78	186	$n_{2\,Eck}$			
			86	207	86	186	86	186	78	186	$n_{2\,th}$			
125	227	185	152	125	268	236	388				M_2	4.17	488	20.417
2.1	1.7	1.3	3.1	1.9	1.8	1.1	1.3				c			
173	96	198	74	176	74	158	74				$n_{2\,Eck}$			
173	96	198	73	176	73	158	73				$n_{2\,th}$			
											M_2	1.39	494	22.143
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			
146	263	217									M_2	1.39	638	22.143
2.8	2.3	1.8									c			
159	88	183									$n_{2\,Eck}$			
159	88	183									$n_{2\,th}$			
			175	146	310	277	450	341	589	417	M_2	1.39	673	22.143
			3.7	2.6	2.1	1.5	1.5	1.2	1.1	1.0	c			
			68	163	68	146	68	146	61	146	$n_{2\,Eck}$			
			68	162	68	146	68	146	61	146	$n_{2\,th}$			
155	279	229	186	155	328	292	474				M_2	3.06	561	24.800
2.0	1.6	1.2	3.0	1.8	1.7	1.1	1.2				c			
142	79	163	61	145	61	130	61				$n_{2\,Eck}$			
142	79	163	60	145	60	130	60				$n_{2\,th}$			
											M_2	1.04	518	27.125
											c			
											$n_{2\,Eck}$			
											$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

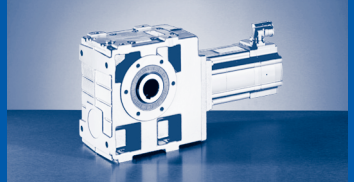
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 720$ Nm

GSS06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
27.125	669	1.04	M_2							127	101	235	190
			c							4.8	4.3	2.8	2.9
			$n_{2\,Eck}$							72	149	55	111
			$n_{2\,th}$							72	149	55	111
27.125	718	1.04	M_2										
			c										
			$n_{2\,Eck}$										
			$n_{2\,th}$										
31.738	609	2.10	M_2			58	80	99	118	141	112	259	211
			c			5.5	4.1	3.3	2.8	3.7	2.9	2.3	2.0
			$n_{2\,Eck}$			128	118	128	128	61	128	47	95
			$n_{2\,th}$			128	118	128	128	61	128	47	95
35.306	537	0.66	M_2				93	115	138				
			c				5.5	4.5	3.8				
			$n_{2\,Eck}$				106	115	115				
			$n_{2\,th}$				106	115	115				
35.306	693	0.66	M_2							166	131	306	248
			c							4.1	4.0	2.2	2.5
			$n_{2\,Eck}$							55	115	43	85
			$n_{2\,th}$							55	115	42	85
39.200	637	1.64	M_2			71	98	121	144	173	137	317	258
			c			5.1	3.8	3.1	2.6	3.2	2.7	2.0	1.8
			$n_{2\,Eck}$			103	96	103	103	50	103	38	77
			$n_{2\,th}$			103	96	103	103	50	103	38	77
43.917	554	0.48	M_2				116	144	172				
			c				4.7	3.8	3.2				
			$n_{2\,Eck}$				85	92	92				
			$n_{2\,th}$				85	92	92				
43.917	715	0.48	M_2							207	163	380	308
			c							3.4	3.6	1.9	2.1
			$n_{2\,Eck}$							44	92	34	68
			$n_{2\,th}$							44	92	34	68
50.000	693	1.16	M_2			91	125	154	183	221	175	403	328
			c			4.8	3.5	2.9	2.4	2.7	2.5	1.7	1.7
			$n_{2\,Eck}$			81	75	81	81	39	81	30	60
			$n_{2\,th}$			81	75	81	81	39	81	30	60
54.250	720	0.96	M_2			100	136	168	200	241	191	440	359
			c			4.7	3.5	2.9	2.4	2.7	2.5	1.6	1.6
			$n_{2\,Eck}$			75	69	75	75	36	75	28	55
			$n_{2\,th}$			75	69	75	75	36	75	28	55
61.250	720	0.89	M_2			112	153	188	224	270	214	492	402
			c			4.5	3.3	2.7	2.3	2.4	2.4	1.5	1.5
			$n_{2\,Eck}$			66	61	66	66	32	66	25	49
			$n_{2\,th}$			66	61	66	66	32	66	24	49
70.611	720	0.61	M_2			130	177	218	260	314	248	569	465
			c			4.2	3.1	2.5	2.1	2.2	2.2	1.3	1.4
			$n_{2\,Eck}$			57	53	57	57	28	57	21	43
			$n_{2\,th}$			57	53	57	57	28	57	21	42
79.722	720	0.57	M_2		93	146	199	245	291	351	278	635	520
			c		5.8	3.8	2.8	2.3	1.9	2.0	2.0	1.1	1.2
			$n_{2\,Eck}$		51	51	47	51	51	25	51	19	38
			$n_{2\,th}$		51	51	47	51	51	24	51	19	38

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 720$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GSS06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
179 2.7 130 130	322 2.0 72 72	265 1.7 149 149									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.04	669	27.125
			215 3.3 55 55	179 2.5 133 132	380 1.9 55 55	339 1.4 119 119	550 1.3 55 55	417 1.2 119 119			M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.04	718	27.125
198 1.8 111 111	355 1.5 61 61	293 1.1 128 128	237 2.5 47 47	199 1.7 113 113	418 1.5 47 47		604 1.0 47 47				M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.10	609	31.738
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.66	537	35.306
233 2.5 100 100	419 1.7 55 55	345 1.6 115 115									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.66	693	35.306
242 1.7 90 90	435 1.3 50 50	358 1.1 103 103	291 2.2 38 38	243 1.6 92 92	512 1.2 38 38						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.64	637	39.200
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.48	554	43.917
290 2.1 80 80	521 1.4 44 44	428 1.4 92 92									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.48	715	43.917
309 1.6 71 71	553 1.1 39 39		370 1.9 30 30	309 1.5 72 72	650 1.1 30 30						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.16	693	50.000
337 1.6 65 65	604 1.1 36 36		404 1.8 28 28	338 1.5 66 66	710 1.0 28 28						M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.96	720	54.250
378 1.4 58 58			452 1.6 25 24	378 1.4 59 59							M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.89	720	61.250
437 1.3 50 50											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.61	720	70.611
490 1.2 44 44											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.57	720	79.722

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

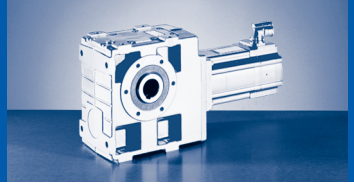
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 720$ Nm

GSS06-2S				06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			$I_{M\,230}$	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			$I_{M\,400}$	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
87.833	684	0.44	M_2		103								
			c		5.6								
			$n_{2\,Eck}$		46								
			$n_{2\,th}$		46								
87.833	720	0.44	M_2			162	220	272	323	389	308	702	577
			c			3.7	2.7	2.2	1.9	1.8	2.0	1.0	1.2
			$n_{2\,Eck}$			46	43	46	46	22	46	17	34
			$n_{2\,th}$			46	43	46	46	22	46	17	34
99.167	720	0.42	M_2		116	181	247	304	362	434	345		645
			c		5.1	3.3	2.5	2.0	1.7	1.7	1.8		1.1
			$n_{2\,Eck}$		41	41	38	41	41	20	41		30
			$n_{2\,th}$		41	41	38	41	41	20	41		30
113.667	699	0.28	M_2	105	134								
			c	5.9	4.8								
			$n_{2\,Eck}$	36	36								
			$n_{2\,th}$	36	36								
113.667	720	0.28	M_2			209	285	351	417				
			c			3.1	2.3	1.9	1.6				
			$n_{2\,Eck}$			36	33	36	36				
			$n_{2\,th}$			36	33	36	36				
128.333	720	0.26	M_2	118	150	234	319	393	466				
			c	5.4	4.3	2.8	2.1	1.7	1.4				
			$n_{2\,Eck}$	32	32	32	29	32	32				
			$n_{2\,th}$	32	32	32	29	32	32				
137.950	700	0.20	M_2	128	162								
			c	5.3	4.2								
			$n_{2\,Eck}$	29	29								
			$n_{2\,th}$	29	29								
137.950	720	0.20	M_2			253	345	424	504				
			c			2.7	2.0	1.7	1.4				
			$n_{2\,Eck}$			29	27	29	29				
			$n_{2\,th}$			29	27	29	29				
155.750	720	0.19	M_2	144	182	283	385	474	563				
			c	4.8	3.8	2.5	1.8	1.5	1.3				
			$n_{2\,Eck}$	26	26	26	24	26	26				
			$n_{2\,th}$	26	26	26	24	26	26				
174.375	681	0.13	M_2	162	205								
			c	4.2	3.4								
			$n_{2\,Eck}$	23	23								
			$n_{2\,th}$	23	23								
196.875	720	0.12	M_2	182	229								
			c	3.8	3.0								
			$n_{2\,Eck}$	21	21								
			$n_{2\,th}$	21	21								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 720$ Nm

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GSS06-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	M_1	J_G	$M_{2\,GN}$	i
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	n_1			
	11.8										$I_{M\,230}$			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	$I_{M\,400}$			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	P_N			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	J_M			
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.44	684	87.833
543 1.2 40 40											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.44	720	87.833
607 1.1 36 36											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.42	720	99.167
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.28	699	113.667
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.28	720	113.667
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.26	720	128.333
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.20	700	137.950
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.20	720	137.950
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.19	720	155.750
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.13	681	174.375
											M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.12	720	196.875

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

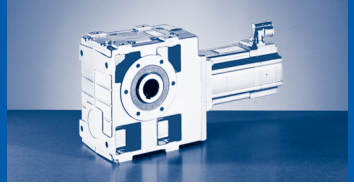
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 720$ Nm

GSS06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80
			n_1	4050	4050	4050	4050	3750	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4
			P_N	0.25	0.51	0.64	1.00	1.20	1.60
			J_M	0.17	0.25	0.33	1.13	1.53	1.93
126.531	720	0.31	M_2		116	146	226	306	376
			c		3.2	2.5	1.7	1.2	1.0
			$n_{2\,Eck}$		32	32	32	30	32
			$n_{2\,th}$		32	32	32	30	32
142.857	720	0.30	M_2		129	162	252	341	419
			c		3.2	2.5	1.7	1.2	1.0
			$n_{2\,Eck}$		28	28	28	26	28
			$n_{2\,th}$		28	28	28	26	28
155.000	720	0.27	M_2	68	141	178	275	372	
			c	5.6	2.8	2.3	1.5	1.1	
			$n_{2\,Eck}$	26	26	26	26	24	
			$n_{2\,th}$	26	26	26	26	24	
175.000	720	0.26	M_2	76	157	197	306	414	
			c	5.6	2.8	2.3	1.5	1.1	
			$n_{2\,Eck}$	23	23	23	23	21	
			$n_{2\,th}$	23	23	23	23	21	
194.857	720	0.14	M_2	85	176	222			
			c	4.7	2.4	1.9			
			$n_{2\,Eck}$	21	21	21			
			$n_{2\,th}$	21	21	21			
220.000	720	0.14	M_2	95	196	246			
			c	4.7	2.4	1.9			
			$n_{2\,Eck}$	18	18	18			
			$n_{2\,th}$	18	18	18			
238.700	720	0.13	M_2	104	214	269			
			c	4.2	2.1	1.7			
			$n_{2\,Eck}$	17	17	17			
			$n_{2\,th}$	17	17	17			
269.500	720	0.12	M_2	116	238	299			
			c	4.2	2.1	1.7			
			$n_{2\,Eck}$	15	15	15			
			$n_{2\,th}$	15	15	15			
310.689	720	0.11	M_2	136	277	348			
			c	2.8	1.4	1.1			
			$n_{2\,Eck}$	13	13	13			
			$n_{2\,th}$	13	13	13			
350.778	720	0.11	M_2	151	307	385			
			c	2.8	1.4	1.1			
			$n_{2\,Eck}$	12	12	12			
			$n_{2\,th}$	12	12	12			
386.467	720	0.10	M_2	168	341				
			c	2.4	1.2				
			$n_{2\,Eck}$	11	11				
			$n_{2\,th}$	10	10				
436.333	720	0.10	M_2	186	379				
			c	2.4	1.2				
			$n_{2\,Eck}$	9	9				
			$n_{2\,th}$	9	9				
497.722	720	0.07	M_2	214	434				
			c	2.0	1.0				
			$n_{2\,Eck}$	8	8				
			$n_{2\,th}$	8	8				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 720$ Nm

GSS06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41
				...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80
			n_1	4050	4050	4050	4050	3750	4050
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4
			P_N	0.25	0.51	0.64	1.00	1.20	1.60
			J_M	0.17	0.25	0.33	1.13	1.53	1.93
561.944	720	0.07	M_2	238	482				
			c	2.0	1.0				
			$n_{2\,Eck}$	7	7				
			$n_{2\,th}$	7	7				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

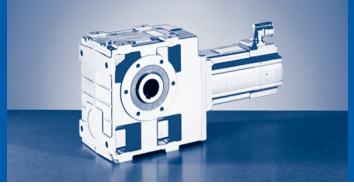
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1250$ Nm

GSS07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
5.862	539	21.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
8.125	685	12.75	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
9.086	628	17.44	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
10.000	468	9.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							89 5.0 150 150			122 3.7 195 195	99 3.8 405 405	
10.000	734	9.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
10.000	797	9.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
11.200	496	7.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							100 4.8 134 134	79 6.0 268 268	74 5.9 315 315	137 3.5 174 174	111 3.7 362 362	
11.200	771	7.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
11.200	866	7.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
12.594	799	10.71	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
14.286	533	4.84	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							129 4.0 105 105	101 5.0 210 210	95 5.4 247 247	175 3.0 137 137	142 3.4 284 284	
14.286	737	4.84	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
15.500	704	7.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							134 5.0 97 97	107 5.0 194 194	101 4.7 227 227	183 3.7 126 126	151 3.0 261 261	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1250$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GSS07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
		73	120	91	159	111	142	111	214	155	274	171	M_2			
		3.8	4.3	3.1	3.3	2.5	3.7	2.9	2.5	2.1	2.0	1.9	c	21.36	539	5.862
		550	256	550	230	550	243	512	243	512	230	512	$n_{2\,Eck}$			
		550	256	550	230	550	243	377	243	377	230	377	$n_{2\,th}$			
53	115	102	168	126	221	155	198	155	298	216	381	238	M_2			
5.9	5.7	3.4	4.0	2.8	3.0	2.3	3.4	2.6	2.3	1.9	1.8	1.7	c	12.75	685	8.125
443	185	397	185	397	166	397	175	369	175	369	166	369	$n_{2\,Eck}$			
442	185	397	185	397	166	397	175	272	175	272	166	272	$n_{2\,th}$			
58	126	112	184	139	242	170	217	170	325	236	417	261	M_2			
5.7	4.8	3.3	3.3	2.7	2.6	2.2	2.8	2.4	1.9	1.7	1.5	1.6	c	17.44	628	9.086
396	165	355	165	355	149	355	157	330	157	330	149	330	$n_{2\,Eck}$			
395	165	355	165	355	149	355	157	243	157	243	149	243	$n_{2\,th}$			
													M_2			
													c	9.14	468	10.000
													$n_{2\,Eck}$			
													$n_{2\,th}$			
66	142	126	208	156	274	192							M_2			
5.5	4.9	3.3	3.4	2.6	2.6	2.2							c	9.14	734	10.000
360	150	323	150	323	135	323							$n_{2\,Eck}$			
359	150	323	150	323	135	323							$n_{2\,th}$			
							245	191	367	266	470	294	M_2			
							3.2	2.5	2.2	1.8	1.7	1.6	c	9.14	797	10.000
							143	300	143	300	135	300	$n_{2\,Eck}$			
							143	221	143	221	135	221	$n_{2\,th}$			
													M_2			
													c	7.50	496	11.200
													$n_{2\,Eck}$			
													$n_{2\,th}$			
74	160	142	234	175	307	215							M_2			
5.4	4.6	3.2	3.2	2.6	2.5	2.1							c	7.50	771	11.200
321	134	288	134	288	121	288							$n_{2\,Eck}$			
321	134	288	134	288	121	288							$n_{2\,th}$			
							275	215	411	298	527	330	M_2			
							3.1	2.4	2.1	1.7	1.6	1.6	c	7.50	866	11.200
							127	268	127	268	121	268	$n_{2\,Eck}$			
							127	197	127	197	121	197	$n_{2\,th}$			
82	175	156	256	193	336	237	302	237	451	329	578	363	M_2			
4.9	4.4	2.8	3.1	2.3	2.3	1.9	2.6	2.1	1.8	1.5	1.4	1.4	c	10.71	799	12.594
286	119	256	119	256	107	256	113	238	113	238	107	238	$n_{2\,Eck}$			
285	119	256	119	256	107	256	113	176	113	176	107	176	$n_{2\,th}$			
													M_2			
													c	4.84	533	14.286
													$n_{2\,Eck}$			
													$n_{2\,th}$			
95	207	181	301	224	395	275							M_2			
5.0	3.5	2.9	2.4	2.4	1.9	2.0							c	4.84	737	14.286
252	105	226	105	226	95	226							$n_{2\,Eck}$			
251	105	226	105	226	95	226							$n_{2\,th}$			
													M_2			
													c	7.79	704	15.500
													$n_{2\,Eck}$			
													$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

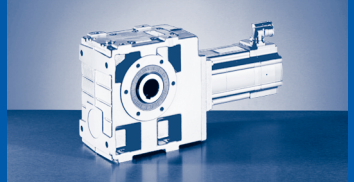
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1250$ Nm

GSS07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
15.500	931	7.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
17.360	746	6.42	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							150 4.8 86 86	120 4.8 173 173	113 4.5 203 203	206 3.5 112 112	169 2.9 233 233	
17.360	1012	6.42	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
20.517	764	13.58	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												152 4.8 73 73
22.143	797	4.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							192 4.0 68 68	154 4.5 136 135	145 4.2 159 159	264 3.0 88 88	216 2.6 183 183	
22.143	1103	4.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												
25.188	913	9.59	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												189 4.6 60 60
27.125	837	3.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$							236 3.5 55 55	189 4.3 111 111	178 4.0 130 130	324 2.6 72 72	265 2.5 149 149	
27.125	1250	3.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												212 5.6 55 55
31.000	1065	7.05	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					137 5.7 63 63	109 4.7 131 131	254 4.1 48 48	206 3.0 97 97	194 2.9 114 114	351 2.3 63 63	288 1.8 131 131	233 4.4 48 48
35.306	676	1.96	M_2 c $n_{2\,Eck}$ $n_{2\,th}$			115 5.7 115 115	137 4.8 115 115								
35.306	870	1.96	M_2 c $n_{2\,Eck}$ $n_{2\,th}$					166 5.0 55 55	130 6.0 115 115	309 2.8 43 42	248 3.5 85 85	232 3.7 100 100	422 2.1 55 55	345 2.3 115 115	
35.306	1250	1.96	M_2 c $n_{2\,Eck}$ $n_{2\,th}$												279 4.3 43 42

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1250$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GSS07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
101	216	193	315	238	414	292	372	292	555	405	711	447	M_2	7.79	931	15.500
4.4	4.2	2.5	2.9	2.1	2.2	1.7	2.5	1.9	1.7	1.4	1.3	1.3	c			
232	97	208	97	208	87	208	92	194	92	194	87	194	$n_{2\,Eck}$			
232	97	208	97	208	87	208	92	143	92	143	87	143	$n_{2\,th}$			
													M_2	6.42	746	17.360
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
114	242	216	353	267	463	328	416	327	622	454	796	501	M_2	6.42	1012	17.360
4.2	4.0	2.4	2.8	2.0	2.2	1.6	2.4	1.8	1.6	1.3	1.3	1.2	c			
207	86	186	86	186	78	186	82	173	82	173	78	173	$n_{2\,Eck}$			
207	86	186	86	186	78	186	82	127	82	127	78	127	$n_{2\,th}$			
126	272	240	394	296	517	362	465	362	693				M_2	13.58	764	20.517
3.3	2.8	1.9	1.9	1.5	1.5	1.3	1.6	1.4	1.1				c			
176	73	157	73	157	66	157	70	146	70				$n_{2\,Eck}$			
175	73	157	73	157	66	157	69	108	69				$n_{2\,th}$			
													M_2	4.18	797	22.143
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
145	309	276	450	341	591	418							M_2	4.18	1103	22.143
3.9	3.5	2.3	2.4	1.8	1.9	1.5							c			
163	68	146	68	146	61	146							$n_{2\,Eck}$			
162	68	146	68	146	61	146							$n_{2\,th}$			
157	336	298	488	367	639	450	574	449	856				M_2	9.59	913	25.188
3.0	2.7	1.7	1.9	1.4	1.4	1.1	1.6	1.2	1.1				c			
143	60	128	60	128	54	128	57	119	57				$n_{2\,Eck}$			
143	60	128	60	128	54	128	57	88	57				$n_{2\,th}$			
													M_2	3.13	837	27.125
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
178	379	339	551	418	723	512							M_2	3.13	1250	27.125
3.7	3.2	2.2	2.2	1.8	1.7	1.4							c			
133	55	119	55	119	50	119							$n_{2\,Eck}$			
132	55	119	55	119	50	119							$n_{2\,th}$			
194	414	367	600	453	786	555	706	554	1052				M_2	7.05	1065	31.000
2.7	2.5	1.5	1.8	1.3	1.4	1.0	1.5	1.2	1.0				c			
116	48	104	48	104	44	104	46	97	46				$n_{2\,Eck}$			
116	48	104	48	104	44	104	46	71	46				$n_{2\,th}$			
													M_2	1.96	676	35.306
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	1.96	870	35.306
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
233	495	441	718	544	941	667							M_2	1.96	1250	35.306
3.4	2.5	2.0	1.7	1.6	1.3	1.3							c			
102	43	91	43	91	38	91							$n_{2\,Eck}$			
102	42	91	42	91	38	91							$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

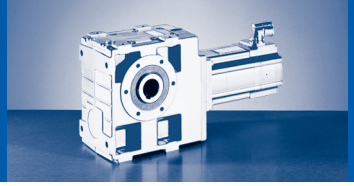
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1250$ Nm

GSS07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
39.200	1175	5.37	M_2					172	137	319	260	244	440	362	292
			c					5.3	4.2	3.6	2.8	2.6	2.2	1.6	3.9
			$n_{2\,Eck}$					50	103	38	77	90	50	103	38
			$n_{2\,th}$					50	103	38	77	90	50	103	38
43.271	706	1.43	M_2		114	142	169								
			c		5.9	4.8	4.1								
			$n_{2\,Eck}$		87	94	94								
			$n_{2\,th}$		87	94	94								
43.271	908	1.43	M_2					205	159	378	304	285	518	423	
			c					4.3	5.5	2.4	3.0	3.2	1.8	2.2	
			$n_{2\,Eck}$					45	94	35	69	82	45	94	
			$n_{2\,th}$					45	94	35	69	81	45	94	
43.271	1250	1.43	M_2												343
			c												3.5
			$n_{2\,Eck}$												35
			$n_{2\,th}$												35
50.000	1250	3.53	M_2		124	154	184	220	176	407	331	311	560	462	374
			c		5.4	4.4	3.7	4.9	3.9	3.0	2.6	2.4	2.0	1.5	3.3
			$n_{2\,Eck}$		75	81	81	39	81	30	60	71	39	81	30
			$n_{2\,th}$		75	81	81	39	81	30	60	71	39	81	30
54.250	1250	2.89	M_2					241	192	446	362	341	613	505	409
			c					4.8	3.9	2.8	2.6	2.4	1.9	1.5	3.0
			$n_{2\,Eck}$					36	75	28	55	65	36	75	28
			$n_{2\,th}$					36	75	28	55	65	36	75	28
61.250	1250	2.70	M_2					271	215	500	405	381	686	565	459
			c					4.3	3.7	2.5	2.5	2.3	1.8	1.4	2.7
			$n_{2\,Eck}$					32	66	25	49	58	32	66	25
			$n_{2\,th}$					32	66	24	49	58	32	66	24
70.611	1250	1.81	M_2		177	220	262	316	250	579	471	443	796	656	531
			c		5.0	4.1	3.5	3.8	3.6	2.1	2.4	2.3	1.6	1.4	2.3
			$n_{2\,Eck}$		53	57	57	28	57	21	43	50	28	57	21
			$n_{2\,th}$		53	57	57	28	57	21	42	50	28	57	21
79.722	1250	1.70	M_2		199	246	293	354	280	649	527	496	891	734	596
			c		4.8	3.9	3.3	3.4	3.4	1.9	2.2	2.2	1.4	1.3	2.1
			$n_{2\,Eck}$		47	51	51	25	51	19	38	44	25	51	19
			$n_{2\,th}$		47	51	51	24	51	19	38	44	24	51	19
86.542	1250	1.34	M_2		217	269	321	387	306	707	577	543	972	803	649
			c		4.8	3.9	3.3	3.2	3.5	1.8	2.1	2.1	1.3	1.4	1.9
			$n_{2\,Eck}$		43	47	47	23	47	17	35	41	23	47	17
			$n_{2\,th}$		43	47	47	23	47	17	35	41	23	47	17
97.708	1250	1.26	M_2		244	302	360	435	343	791	646	608	1089	898	727
			c		4.5	3.6	3.1	2.8	3.2	1.6	1.9	1.9	1.2	1.3	1.7
			$n_{2\,Eck}$		38	42	42	20	42	15	31	36	20	42	15
			$n_{2\,th}$		38	41	41	20	41	15	31	36	20	41	15
113.667	1250	0.83	M_2	208	286	354	422	508	402	924	756	712		1051	
			c	5.6	4.1	3.4	2.9	2.4	3.0	1.4	1.6	1.7		1.2	
			$n_{2\,Eck}$	36	33	36	36	17	36	13	26	31		36	
			$n_{2\,th}$	36	33	36	36	17	36	13	26	31		36	
128.333	1250	0.79	M_2	234	321	397	472	569	451	1030	847	797		1176	
			c	5.1	3.8	3.1	2.6	2.2	2.7	1.2	1.5	1.6		1.1	
			$n_{2\,Eck}$	32	29	32	32	15	32	12	23	28		32	
			$n_{2\,th}$	32	29	32	32	15	32	12	23	27		32	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1250$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GSS07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
245	518	462	751	569	984		884	695					M_2	5.37	1175	39.200
2.4	2.2	1.4	1.6	1.1	1.2		1.3	1.1					c			
92	38	82	38	82	34		36	77					$n_{2\,Eck}$			
92	38	82	38	82	34		36	56					$n_{2\,th}$			
													M_2	1.43	706	43.271
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	1.43	908	43.271
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
285	607	540	879	666	1150	816							M_2	1.43	1250	43.271
3.3	2.0	1.9	1.4	1.6	1.1	1.3							c			
83	35	75	35	75	31	75							$n_{2\,Eck}$			
83	35	75	35	75	31	75							$n_{2\,th}$			
312	661	589	956	726									M_2	3.53	1250	50.000
2.2	1.9	1.3	1.3	1.1									c			
72	30	65	30	65									$n_{2\,Eck}$			
72	30	65	30	65									$n_{2\,th}$			
342	722	645	1044	794									M_2	2.89	1250	54.250
2.2	1.7	1.3	1.2	1.1									c			
66	28	60	28	60									$n_{2\,Eck}$			
66	28	59	28	59									$n_{2\,th}$			
382	809	721	1169	888									M_2	2.70	1250	61.250
2.1	1.5	1.2	1.1	1.0									c			
59	25	53	25	53									$n_{2\,Eck}$			
59	24	53	24	53									$n_{2\,th}$			
444	935	837											M_2	1.81	1250	70.611
2.1	1.3	1.2											c			
51	21	46											$n_{2\,Eck}$			
51	21	46											$n_{2\,th}$			
497	1047	936											M_2	1.70	1250	79.722
2.0	1.2	1.2											c			
45	19	41											$n_{2\,Eck}$			
45	19	40											$n_{2\,th}$			
544	1140	1025											M_2	1.34	1250	86.542
2.0	1.1	1.1											c			
42	17	37											$n_{2\,Eck}$			
41	17	37											$n_{2\,th}$			
608		1146											M_2	1.26	1250	97.708
1.9		1.0											c			
37		33											$n_{2\,Eck}$			
37		33											$n_{2\,th}$			
													M_2	0.83	1250	113.667
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			
													M_2	0.79	1250	128.333
													c			
													$n_{2\,Eck}$			
													$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

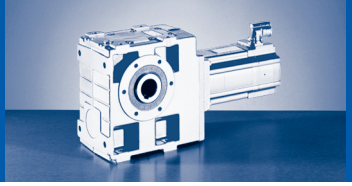
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1250$ Nm

GSS07-2S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			$I_{M\,230}$	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			$I_{M\,400}$	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
137.950	1250	0.61	M_2	254	348	429	511	615	488	1116	914	862			
			c	4.7	3.5	2.8	2.4	2.0	2.5	1.1	1.4	1.4			
			$n_{2\,Eck}$	29	27	29	29	14	29	11	22	26			
			$n_{2\,th}$	29	27	29	29	14	29	11	22	26			
155.750	1250	0.58	M_2	286	390	482	573	687	547	1241	1024	965			
			c	4.2	3.1	2.5	2.1	1.8	2.2	1.0	1.2	1.3			
			$n_{2\,Eck}$	26	24	26	26	13	26	10	19	23			
			$n_{2\,th}$	26	24	26	26	13	26	10	19	23			
174.375	1250	0.39	M_2	322	439	542	644								
			c	3.7	2.8	2.3	1.9								
			$n_{2\,Eck}$	23	22	23	23								
			$n_{2\,th}$	23	22	23	23								
196.875	1250	0.37	M_2	362	493	607	722								
			c	3.3	2.5	2.0	1.7								
			$n_{2\,Eck}$	21	19	21	21								
			$n_{2\,th}$	21	19	21	21								

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1250$ Nm

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GSS07-2S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00				
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	$M_{2\,GN}$	i
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	n_1			
													$I_{M\,230}$			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	$I_{M\,400}$			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.61	1250	137.950
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.58	1250	155.750
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.39	1250	174.375
													M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.37	1250	196.875

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

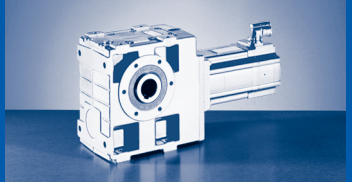
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1250$ Nm

GSS07-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	3525
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
126.531	1250	0.86	M_2			145	227	309	381	453	539	432	979	802	761
			c			5.1	3.3	2.5	2.0	1.7	2.3	1.8	1.3	1.6	1.0
			$n_{2\,Eck}$			32	32	30	32	32	15	32	12	24	28
			$n_{2\,th}$			32	32	30	32	32	15	32	12	24	28
142.857	1250	0.82	M_2			162	254	346	426	507	603	484	1090	899	
			c			4.9	3.2	2.4	1.9	1.6	2.1	1.7	1.2	1.4	
			$n_{2\,Eck}$			28	28	26	28	28	14	28	11	21	
			$n_{2\,th}$			28	28	26	28	28	14	28	11	21	
155.000	1250	0.74	M_2			176	276	376	464	552	658	527	1195	978	
			c			4.9	3.2	2.4	1.9	1.6	1.9	1.7	1.1	1.3	
			$n_{2\,Eck}$			26	26	24	26	26	13	26	10	19	
			$n_{2\,th}$			26	26	24	26	26	13	26	10	19	
175.000	1250	0.72	M_2		156	198	310	422	520	618	734	590		1095	
			c		5.8	4.6	3.0	2.2	1.8	1.5	1.7	1.6		1.1	
			$n_{2\,Eck}$		23	23	23	21	23	23	11	23		17	
			$n_{2\,th}$		23	23	23	21	23	23	11	23		17	
201.746	1250	0.37	M_2		181	229	358	487	600	712					
			c		5.3	4.2	2.8	2.1	1.7	1.4					
			$n_{2\,Eck}$		20	20	20	19	20	20					
			$n_{2\,th}$		20	20	20	19	20	20					
227.778	1250	0.36	M_2		203	257	401	545	671	797					
			c		5.0	4.0	2.6	2.0	1.6	1.3					
			$n_{2\,Eck}$		18	18	18	17	18	18					
			$n_{2\,th}$		18	18	18	16	18	18					
247.139	1250	0.33	M_2		222	280	437	594	731	868					
			c		4.6	3.7	2.4	1.8	1.5	1.2					
			$n_{2\,Eck}$		16	16	16	15	16	16					
			$n_{2\,th}$		16	16	16	15	16	16					
279.028	1250	0.32	M_2		248	313	488	662	815	968					
			c		4.4	3.5	2.3	1.7	1.4	1.2					
			$n_{2\,Eck}$		15	15	15	13	15	15					
			$n_{2\,th}$		15	15	15	13	15	15					
321.673	1250	0.28	M_2		291	367	569	771	947						
			c		3.2	2.6	1.7	1.2	1.0						
			$n_{2\,Eck}$		13	13	13	12	13						
			$n_{2\,th}$		13	13	13	12	13						
363.179	1250	0.28	M_2		323	407	631	855	1051						
			c		3.2	2.6	1.7	1.2	1.0						
			$n_{2\,Eck}$		11	11	11	10	11						
			$n_{2\,th}$		11	11	11	10	11						
394.245	1250	0.26	M_2	171	355	447	693	939							
			c	5.7	2.9	2.3	1.5	1.1							
			$n_{2\,Eck}$	10	10	10	10	10							
			$n_{2\,th}$	10	10	10	10	10							
445.116	1250	0.26	M_2	189	393	495	767	1038							
			c	5.7	2.9	2.3	1.5	1.1							
			$n_{2\,Eck}$	9	9	9	9	8							
			$n_{2\,th}$	9	9	9	9	8							
490.403	1250	0.18	M_2	211	436	548	848								
			c	5.0	2.5	2.0	1.3								
			$n_{2\,Eck}$	8	8	8	8								
			$n_{2\,th}$	8	8	8	8								

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1250$ Nm

GSS07-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	$M_{2\,GN}$	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	3525
			$I_{M\,230}$	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			$I_{M\,400}$	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
553.681	1250	0.18	M_2	235	485	610	943								
			c	4.8	2.4	1.9	1.3								
			$n_{2\,Eck}$	7	7	7	7								
			$n_{2\,th}$	7	7	7	7								
634.639	1250	0.11	M_2	272	559	703									
			c	4.2	2.1	1.7									
			$n_{2\,Eck}$	6	6	6									
			$n_{2\,th}$	6	6	6									
716.528	1250	0.11	M_2	303	622	782									
			c	3.7	1.9	1.5									
			$n_{2\,Eck}$	6	6	6									
			$n_{2\,th}$	6	6	6									
833.556	1250	0.11	M_2	357	728	914									
			c	3.0	1.5	1.2									
			$n_{2\,Eck}$	5	5	5									
			$n_{2\,th}$	5	5	5									
941.111	1250	0.11	M_2	396	807	1013									
			c	2.9	1.4	1.2									
			$n_{2\,Eck}$	4	4	4									
			$n_{2\,th}$	4	4	4									
1011.633	1250	0.08	M_2	428	872	1093									
			c	2.6	1.3	1.1									
			$n_{2\,Eck}$	4	4	4									
			$n_{2\,th}$	4	4	4									
1142.167	1250	0.08	M_2	475	966										
			c	2.4	1.2										
			$n_{2\,Eck}$	4	4										
			$n_{2\,th}$	4	4										
1227.755	1250	0.07	M_2	513	1042										
			c	2.2	1.1										
			$n_{2\,Eck}$	3	3										
			$n_{2\,th}$	3	3										
1386.175	1250	0.07	M_2	569	1154										
			c	2.0	1.0										
			$n_{2\,Eck}$	3	3										
			$n_{2\,th}$	3	3										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

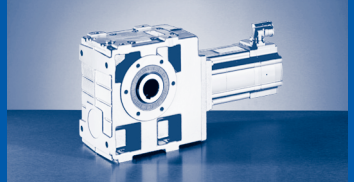
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 180$ Nm

GSS04-2A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
5.639	108	1.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	10 4.4 701 700		
5.639	149	1.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		31 1.7 605 605	20 2.2 718 718
7.733	149	0.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	13 5.4 511 511		
7.733	158	0.65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		43 2.0 441 441	27 2.7 524 524
9.042	154	0.81	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		50 2.1 377 377	31 3.1 448 448
9.897	161	0.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	17 5.7 399 399	55 2.1 345 345	35 2.9 409 409
10.827	161	0.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	18 5.7 365 365	61 2.1 315 315	38 2.9 374 374
12.400	170	0.49	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	21 5.5 319 319	69 1.8 275 275	43 2.7 327 327
13.810	163	0.25	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	24 5.8 286 286	78 1.9 247 247	49 2.9 293 293
15.869	180	0.33	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	27 4.7 249 249	88 1.6 215 215	55 2.3 255 255
17.360	180	0.28	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	30 4.4 228 228	96 1.5 196 196	61 2.2 233 233
20.417	153	0.67	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	32 3.2 194 193	103 1.1 167 167	65 1.6 198 198
22.143	180	0.20	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	38 3.8 178 178	123 1.2 154 154	78 1.9 183 183

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 180$ Nm

GSS04-2A				10IC40	13IC34	13IC41
				...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00
			n_1	3950	3410	4050
			$I_{M\,400}$	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
24.800	171	0.42	M_2	40		81
			c	2.9		1.5
			$n_{2\,Eck}$	159		163
			$n_{2\,th}$	159		163
27.125	180	0.14	M_2	47	150	95
			c	3.3	1.1	1.6
			$n_{2\,Eck}$	146	126	149
			$n_{2\,th}$	146	126	149
31.738	180	0.29	M_2	51		104
			c	2.5		1.3
			$n_{2\,Eck}$	125		128
			$n_{2\,th}$	124		128
34.100	180	0.10	M_2	59		
			c	2.8		
			$n_{2\,Eck}$	116		
			$n_{2\,th}$	116		
39.200	180	0.25	M_2	62		126
			c	2.1		1.1
			$n_{2\,Eck}$	101		103
			$n_{2\,th}$	101		103
43.917	180	0.06	M_2	76		
			c	2.3		
			$n_{2\,Eck}$	90		
			$n_{2\,th}$	90		
50.000	180	0.17	M_2	79		
			c	1.8		
			$n_{2\,Eck}$	79		
			$n_{2\,th}$	79		
54.250	180	0.13	M_2	87		
			c	1.8		
			$n_{2\,Eck}$	73		
			$n_{2\,th}$	73		
61.250	180	0.13	M_2	96		
			c	1.6		
			$n_{2\,Eck}$	65		
			$n_{2\,th}$	64		
68.200	180	0.09	M_2	109		
			c	1.5		
			$n_{2\,Eck}$	58		
			$n_{2\,th}$	58		
77.000	180	0.09	M_2	120		
			c	1.4		
			$n_{2\,Eck}$	51		
			$n_{2\,th}$	51		
87.833	180	0.06	M_2	140		
			c	1.3		
			$n_{2\,Eck}$	45		
			$n_{2\,th}$	45		
99.167	180	0.06	M_2	154		
			c	1.2		
			$n_{2\,Eck}$	40		
			$n_{2\,th}$	40		

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

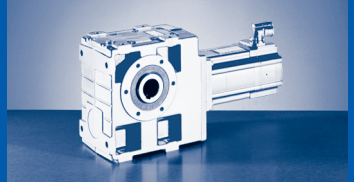
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 360$ Nm

GSS05-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
5.639	219	2.82	M_2		31	19				
			c		3.8	5.4				
			$n_{2\,Eck}$		605	718				
			$n_{2\,th}$		605	718				
5.639	223	2.82	M_2				60	33	54	26
			c				3.2	5.1	2.2	4.0
			$n_{2\,Eck}$				290	355	613	727
			$n_{2\,th}$				290	355	613	637
7.733	267	1.66	M_2		43	27	83	45	75	37
			c		3.4	4.9	2.9	4.7	2.0	3.6
			$n_{2\,Eck}$		441	524	211	259	447	530
			$n_{2\,th}$		441	524	211	259	447	464
9.042	251	2.01	M_2		48	30	94	52	84	41
			c		2.6	3.3	2.5	4.2	1.5	2.5
			$n_{2\,Eck}$		377	448	181	221	382	454
			$n_{2\,th}$		377	448	181	221	382	397
9.897	271	1.10	M_2		55	35	107	58	96	47
			c		3.2	4.6	2.5	4.3	1.8	3.4
			$n_{2\,Eck}$		345	409	165	202	349	414
			$n_{2\,th}$		345	409	165	202	349	363
10.827	272	0.94	M_2		61	38	117	64	105	52
			c		3.1	4.4	2.3	4.0	1.8	3.3
			$n_{2\,Eck}$		315	374	151	185	319	379
			$n_{2\,th}$		315	374	151	185	319	332
12.400	279	1.24	M_2		67	42	130	72	117	57
			c		2.7	3.8	2.0	3.4	1.6	2.8
			$n_{2\,Eck}$		275	327	132	161	279	331
			$n_{2\,th}$		275	327	132	161	279	290
13.810	275	0.64	M_2		78	49	151	83	135	66
			c		2.9	4.1	1.8	3.2	1.7	3.1
			$n_{2\,Eck}$		247	293	118	145	250	297
			$n_{2\,th}$		247	293	118	145	250	260
15.869	301	0.84	M_2		87	54	168	92	150	74
			c		2.5	3.8	1.7	2.9	1.5	2.8
			$n_{2\,Eck}$		215	255	103	126	218	258
			$n_{2\,th}$		215	255	103	126	218	226
17.360	311	0.72	M_2		95	60	184	101	165	81
			c		2.4	3.6	1.6	2.7	1.4	2.7
			$n_{2\,Eck}$		196	233	94	115	199	236
			$n_{2\,th}$		196	233	94	115	199	207
20.417	253	1.60	M_2		99	62	196	108		85
			c		1.4	2.1	1.2	2.0		1.5
			$n_{2\,Eck}$		167	198	80	98		201
			$n_{2\,th}$		167	198	80	98		176
22.143	337	0.50	M_2		122	77	235	130	211	104
			c		2.0	3.1	1.3	2.3	1.2	2.3
			$n_{2\,Eck}$		154	183	74	90	156	185
			$n_{2\,th}$		154	183	74	90	156	162
24.800	280	1.06	M_2		125	79	245	135		107
			c		1.6	2.2	1.1	1.8		1.6
			$n_{2\,Eck}$		138	163	66	81		165
			$n_{2\,th}$		138	163	66	81		145

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 360$ Nm

GSS05-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
27.125	360	0.38	M_2	46	150	94	288	160	260	128
			c	5.3	1.8	2.7	1.2	2.0	1.0	2.0
			$n_{2\,Eck}$	146	126	149	60	74	127	151
			$n_{2\,th}$	146	126	149	60	74	127	132
31.738	306	0.73	M_2	50	162	102		174		139
			c	4.1	1.3	2.0		1.5		1.5
			$n_{2\,Eck}$	125	107	128		63		129
			$n_{2\,th}$	124	107	128		63		113
35.306	360	0.23	M_2	60	196	124				
			c	4.5	1.5	2.2				
			$n_{2\,Eck}$	112	97	115				
			$n_{2\,th}$	112	97	115				
39.200	323	0.61	M_2	61	198	125		211		169
			c	3.5	1.2	1.8		1.3		1.3
			$n_{2\,Eck}$	101	87	103		51		105
			$n_{2\,th}$	101	87	103		51		92
43.917	360	0.17	M_2	76	245	154				
			c	3.9	1.3	1.9				
			$n_{2\,Eck}$	90	78	92				
			$n_{2\,th}$	90	78	92				
50.000	353	0.44	M_2	79		160		271		217
			c	3.0		1.5		1.2		1.1
			$n_{2\,Eck}$	79		81		40		82
			$n_{2\,th}$	79		81		40		72
54.250	360	0.34	M_2	87		178		299		241
			c	2.9		1.4		1.1		1.1
			$n_{2\,Eck}$	73		75		37		76
			$n_{2\,th}$	73		75		37		66
61.250	360	0.33	M_2	97		197		332		
			c	2.6		1.3		1.0		
			$n_{2\,Eck}$	65		66		33		
			$n_{2\,th}$	64		66		33		
70.611	360	0.21	M_2	114		232				
			c	2.4		1.2				
			$n_{2\,Eck}$	56		57				
			$n_{2\,th}$	56		57				
79.722	360	0.21	M_2	127		258				
			c	2.2		1.1				
			$n_{2\,Eck}$	50		51				
			$n_{2\,th}$	50		51				
87.833	360	0.15	M_2	143		289				
			c	2.1		1.1				
			$n_{2\,Eck}$	45		46				
			$n_{2\,th}$	45		46				
99.167	360	0.15	M_2	159						
			c	2.0						
			$n_{2\,Eck}$	40						
			$n_{2\,th}$	40						
113.667	360	0.10	M_2	186						
			c	1.8						
			$n_{2\,Eck}$	35						
			$n_{2\,th}$	35						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

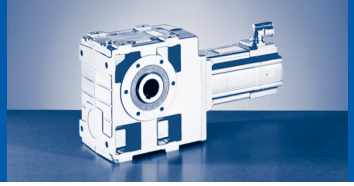
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 360$ Nm

GSS05-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
128.333	360	0.09	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	206 1.7 31 31						
137.950	360	0.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	226 1.6 29 29						
155.750	360	0.07	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	251 1.4 25 25						

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 360$ Nm

GSS05-3A				10IC40
				...S00
i	$M_{2\,GN}$	J_G	M_1	2.00
			n_1	3950
			$I_{M\,400}$	2.4
			P_N	0.80
			J_M	2.44
125.476	339	0.15	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	218 1.2 32 31
153.708	356	0.12	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	265 1.0 26 26
222.133	360	0.21	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	353 1.0 18 18

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

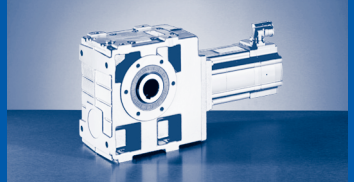
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 720$ Nm

GSS06-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
5.833	356	6.97	M_2				61		56	27	113	56	100	49
			c				4.9		2.6	4.3	2.7	3.9	1.5	2.4
			$n_{2\,Eck}$				280		592	703	288	394	597	705
			$n_{2\,th}$				280		592	615	288	394	533	533
8.000	489	4.22	M_2				85		77	38	155	77	137	68
			c				4.4		2.8	4.9	2.4	3.8	1.6	2.8
			$n_{2\,Eck}$				204		432	513	210	288	435	514
			$n_{2\,th}$				204		432	449	210	288	389	389
9.042	417	5.54	M_2				95		86	42	173	86	153	76
			c				3.8		2.6	4.7	2.1	3.2	1.5	2.7
			$n_{2\,Eck}$				181		382	454	186	254	385	455
			$n_{2\,th}$				181		382	397	186	254	344	344
10.238	397	2.81	M_2		57									
			c		4.8									
			$n_{2\,Eck}$		333									
			$n_{2\,th}$		333									
10.238	522	2.81	M_2				109		99	48	199	99	177	87
			c				4.5		2.8	5.0	2.5	3.5	1.6	2.9
			$n_{2\,Eck}$				160		338	401	164	225	340	401
			$n_{2\,th}$				160		337	351	164	225	304	304
11.200	440	2.39	M_2		62									
			c		4.7									
			$n_{2\,Eck}$		305									
			$n_{2\,th}$		304									
11.200	524	2.39	M_2				119		109	53	218	108	193	95
			c				4.2		2.8	5.0	2.4	3.4	1.6	2.8
			$n_{2\,Eck}$				146		309	366	150	205	311	367
			$n_{2\,th}$				146		308	321	150	205	278	278
12.400	523	3.46	M_2				130	71	119	58	237	118	211	104
			c				3.4	5.5	2.3	4.3	1.9	2.9	1.3	2.4
			$n_{2\,Eck}$				132	161	279	331	136	186	281	332
			$n_{2\,th}$				132	161	279	290	135	185	251	251
14.286	513	1.63	M_2		80									
			c		4.4									
			$n_{2\,Eck}$		239									
			$n_{2\,th}$		239									
14.286	528	1.63	M_2				154	83	139	68	281	138	248	122
			c				3.3	6.0	2.6	4.7	1.9	3.5	1.5	2.7
			$n_{2\,Eck}$				115	140	242	287	118	161	244	288
			$n_{2\,th}$				114	140	242	251	118	161	218	218
15.869	597	2.35	M_2		87	54								
			c		3.7	5.4								
			$n_{2\,Eck}$		215	255								
			$n_{2\,th}$		215	255								
15.869	605	2.35	M_2				166	91	152	75	303	151	270	134
			c				3.2	5.2	2.2	4.0	1.8	2.7	1.2	2.3
			$n_{2\,Eck}$				103	126	218	258	106	145	219	259
			$n_{2\,th}$				103	126	218	226	106	145	196	196
17.360	624	2.01	M_2		95	60	182	100	166	82	331	165	296	146
			c		3.6	5.2	3.1	5.0	2.1	3.9	1.8	2.7	1.2	2.2
			$n_{2\,Eck}$		196	233	94	115	199	236	97	133	201	237
			$n_{2\,th}$		196	233	94	115	199	207	97	132	179	179

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 720$ Nm

GSS06-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
20.417	488	4.17	M_2				201	111	182	89	364	182		160
			c				2.1	3.4	1.4	2.6	1.2	1.8		1.5
			$n_{2\,Eck}$				80	98	169	201	82	113		201
			$n_{2\,th}$				80	98	169	176	82	113		152
22.143	673	1.39	M_2		122	76	232	127	212	104	422	211	377	187
			c		3.4	4.9	2.7	4.6	2.0	3.6	1.5	2.5	1.1	2.1
			$n_{2\,Eck}$		154	183	74	90	156	185	76	104	157	186
			$n_{2\,th}$		154	183	74	90	156	162	76	104	141	141
24.800	561	3.06	M_2				246	136	225	111	445	223		197
			c				2.0	3.3	1.4	2.5	1.1	1.7		1.4
			$n_{2\,Eck}$				66	81	139	165	68	93		166
			$n_{2\,th}$				66	81	139	145	68	93		125
27.125	718	1.04	M_2		149	93	285	156	260	128	516	258	462	229
			c		3.2	4.6	2.3	4.0	1.9	3.4	1.3	2.3	1.1	1.9
			$n_{2\,Eck}$		126	149	60	74	127	151	62	85	128	152
			$n_{2\,th}$		126	149	60	74	127	132	62	85	115	115
31.738	609	2.10	M_2		166	104	314	173	287	142	568	285		253
			c		2.2	3.1	1.8	3.0	1.3	2.3	1.0	1.6		1.3
			$n_{2\,Eck}$		107	128	52	63	109	129	53	73		130
			$n_{2\,th}$		107	128	52	63	109	113	53	72		98
35.306	720	0.66	M_2		195	122	371	204	338	166				
			c		2.9	4.3	1.9	3.3	1.7	3.2				
			$n_{2\,Eck}$		97	115	46	57	98	116				
			$n_{2\,th}$		97	115	46	57	98	102				
39.200	637	1.64	M_2		203	127	385	213	351	174		349		309
			c		2.0	2.9	1.6	2.6	1.2	2.2		1.5		1.2
			$n_{2\,Eck}$		87	103	42	51	88	105		59		105
			$n_{2\,th}$		87	103	42	51	88	92		59		79
43.917	720	0.48	M_2		242	152	460	255	420	207				
			c		2.6	3.8	1.6	2.8	1.5	2.9				
			$n_{2\,Eck}$		78	92	37	46	79	93				
			$n_{2\,th}$		78	92	37	46	79	82				
50.000	693	1.16	M_2	79	258	162	488	271	447	221		444		393
			c	5.5	1.9	2.7	1.3	2.2	1.1	2.0		1.3		1.2
			$n_{2\,Eck}$	79	68	81	33	40	69	82		46		82
			$n_{2\,th}$	79	68	81	33	40	69	72		46		62
54.250	720	0.96	M_2		282	177	534	296	488	242		484		429
			c		1.9	2.7	1.3	2.2	1.1	2.0		1.2		1.1
			$n_{2\,Eck}$		63	75	30	37	64	76		42		76
			$n_{2\,th}$		63	75	30	37	64	66		42		57
61.250	720	0.89	M_2		316	199	596	331	547	270		542		480
			c		1.7	2.6	1.2	2.0	1.0	1.9		1.1		1.1
			$n_{2\,Eck}$		56	66	27	33	56	67		38		67
			$n_{2\,th}$		56	66	27	33	56	59		38		51
70.611	720	0.61	M_2	112	366	230	690	384		313				
			c	4.8	1.6	2.4	1.0	1.8		1.8				
			$n_{2\,Eck}$	56	48	57	23	28		58				
			$n_{2\,th}$	56	48	57	23	28		51				
79.722	720	0.57	M_2	126	410	258		429		351				
			c	4.4	1.5	2.2		1.7		1.6				
			$n_{2\,Eck}$	50	43	51		25		51				
			$n_{2\,th}$	50	43	51		25		45				

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

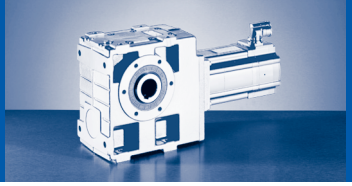
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 720$ Nm

GSS06-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
87.833	720	0.44	M_2	140	455	286		475		389				
			c	4.2	1.4	2.1		1.5		1.6				
			$n_{2\,Eck}$	45	39	46		23		47				
			$n_{2\,th}$	45	39	46		23		41				
99.167	720	0.42	M_2	157	509	321		531		436				
			c	3.8	1.3	1.9		1.4		1.4				
			$n_{2\,Eck}$	40	34	41		20		41				
			$n_{2\,th}$	40	34	41		20		36				
113.667	720	0.28	M_2	181	587	370								
			c	3.6	1.2	1.8								
			$n_{2\,Eck}$	35	30	36								
			$n_{2\,th}$	35	30	36								
128.333	720	0.26	M_2	203	656	414								
			c	3.2	1.1	1.6								
			$n_{2\,Eck}$	31	27	32								
			$n_{2\,th}$	31	27	32								
137.950	720	0.20	M_2	219	709	447								
			c	3.2	1.0	1.6								
			$n_{2\,Eck}$	29	25	29								
			$n_{2\,th}$	29	25	29								
155.750	720	0.19	M_2	245		499								
			c	2.9		1.4								
			$n_{2\,Eck}$	25		26								
			$n_{2\,th}$	25		26								
174.375	720	0.13	M_2	276										
			c	2.5										
			$n_{2\,Eck}$	23										
			$n_{2\,th}$	23										
196.875	720	0.12	M_2	309										
			c	2.3										
			$n_{2\,Eck}$	20										
			$n_{2\,th}$	20										

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 720$ Nm

GSS06-3A				10IC40	13IC34
				...S00	...F10
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30
			n_1	3950	3410
			$I_{M\,400}$	2.4	6.0
			P_N	0.80	2.20
			J_M	2.44	8.34
126.531	720	0.31	M_2	196	623
			c	1.9	1.1
			$n_{2\,Eck}$	31	27
			$n_{2\,th}$	31	27
142.857	720	0.30	M_2	218	695
			c	1.9	1.0
			$n_{2\,Eck}$	28	24
			$n_{2\,th}$	28	24
155.000	720	0.27	M_2	238	
			c	1.7	
			$n_{2\,Eck}$	26	
			$n_{2\,th}$	25	
175.000	720	0.26	M_2	265	
			c	1.7	
			$n_{2\,Eck}$	23	
			$n_{2\,th}$	23	
194.857	720	0.14	M_2	297	
			c	1.4	
			$n_{2\,Eck}$	20	
			$n_{2\,th}$	20	
220.000	720	0.14	M_2	331	
			c	1.4	
			$n_{2\,Eck}$	18	
			$n_{2\,th}$	18	
238.700	720	0.13	M_2	361	
			c	1.3	
			$n_{2\,Eck}$	17	
			$n_{2\,th}$	17	
269.500	720	0.12	M_2	401	
			c	1.3	
			$n_{2\,Eck}$	15	
			$n_{2\,th}$	15	

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

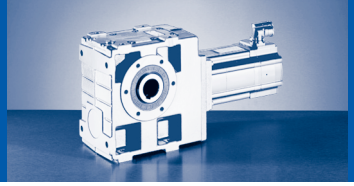
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1250$ Nm

GSS07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
5.862	539	21.36	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								113 4.1 287 287	
8.125	685	12.75	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								157 3.7 207 207	77 5.6 283 283
9.086	628	17.44	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								173 3.1 185 185	85 5.0 253 253
10.000	746	9.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						96 4.2 346 346			
10.000	797	9.14	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								194 3.5 168 168	95 5.3 230 230
11.200	775	7.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$						108 4.1 309 308			
11.200	866	7.50	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								218 3.4 150 150	107 5.1 205 205
12.594	799	10.71	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								240 2.9 133 133	119 4.3 183 183
14.286	832	4.84	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				152 5.2 115 114		139 3.8 242 242			
14.286	973	4.84	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								279 3.2 118 118	137 4.8 161 161
14.286	1036	4.84	M_2 c $n_{2\,Eck}$ $n_{2\,th}$									
15.500	931	7.79	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				161 4.9 106 105		148 3.3 223 223		295 2.7 108 108	146 4.1 148 148
17.360	1012	6.42	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				180 4.7 94 94		166 3.1 199 199	80 5.8 236 207	331 2.6 97 97	164 4.0 133 132

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1250$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC42	GSS07-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	J_M			
100	49	194	85	193	63	332	131	90	M_2			
2.8	5.1	2.4	4.1	1.5	4.0	1.4	2.7	2.8	c			
594	701	290	399	599	708	292	425	710	$n_{2\,Eck}$	21.36	539	5.862
531	531	290	399	418	418	292	343	343	$n_{2\,th}$			
140	68	270	119	269	87	461	182	125	M_2			
2.5	4.6	2.2	3.7	1.3	3.7	1.3	2.5	2.6	c			
428	506	209	288	432	511	211	307	512	$n_{2\,Eck}$	12.75	685	8.125
383	383	209	288	301	301	210	248	248	$n_{2\,th}$			
154	75	296	131	295	96	504	199	137	M_2			
2.4	4.5	1.8	3.3	1.3	3.6	1.1	2.2	2.5	c			
383	452	187	258	386	457	188	274	458	$n_{2\,Eck}$	17.44	628	9.086
342	342	187	258	269	269	188	222	222	$n_{2\,th}$			
									M_2			
									c			
									$n_{2\,Eck}$	9.14	746	10.000
									$n_{2\,th}$			
173	85	333	147	332	108	568	225	155	M_2			
2.4	4.4	2.1	3.5	1.3	3.5	1.2	2.3	2.5	c			
348	411	170	234	351	415	171	249	416	$n_{2\,Eck}$	9.14	797	10.000
311	311	170	234	245	245	171	201	201	$n_{2\,th}$			
									M_2			
									c			
									$n_{2\,Eck}$	7.50	775	11.200
									$n_{2\,th}$			
194	95	373	165	372	121	637	252	174	M_2			
2.3	4.2	2.0	3.4	1.2	3.4	1.2	2.3	2.4	c			
311	367	152	209	313	371	153	222	371	$n_{2\,Eck}$	7.50	866	11.200
278	278	152	209	219	219	153	180	180	$n_{2\,th}$			
214	105	410	182	410	134		278	191	M_2			
2.1	3.9	1.7	2.9	1.1	3.1		1.9	2.2	c			
276	326	135	186	279	330		198	330	$n_{2\,Eck}$	10.71	799	12.594
247	247	135	186	194	194		160	160	$n_{2\,th}$			
									M_2			
									c			
									$n_{2\,Eck}$	4.84	832	14.286
									$n_{2\,th}$			
248	122								M_2			
2.2	4.0								c			
244	288								$n_{2\,Eck}$	4.84	973	14.286
218	218								$n_{2\,th}$			
		477	211	476	155				M_2			
		1.9	3.2	1.1	3.1				c			
		119	164	246	291				$n_{2\,Eck}$	4.84	1036	14.286
		119	164	171	171				$n_{2\,th}$			
264	130	505	224		165		342	236	M_2			
1.9	3.5	1.6	2.7		2.8		1.8	2.0	c			
225	265	110	151		268		161	268	$n_{2\,Eck}$	7.79	931	15.500
201	201	110	151		158		130	130	$n_{2\,th}$			
296	145	565	251		185		383	265	M_2			
1.8	3.3	1.6	2.6		2.6		1.7	1.9	c			
201	237	98	135		239		143	240	$n_{2\,Eck}$	6.42	1012	17.360
179	179	98	135		141		116	116	$n_{2\,th}$			

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

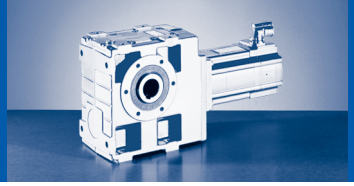
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1250$ Nm

GSS07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
20.517	764	13.58	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								370 1.8 82 82	183 2.9 112 112
22.143	836	4.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		121 5.0 154 154							
22.143	1211	4.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				230 4.4 74 74		212 2.9 156 156	103 5.4 185 162	421 2.5 76 76	210 3.7 104 104
25.188	913	9.59	M_2 c $n_{2\,Eck}$ $n_{2\,th}$								458 1.7 67 67	228 2.6 91 91
27.125	1250	3.13	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				282 4.2 60 60		260 2.8 127 127	126 5.1 151 132	516 2.4 62 62	257 3.5 85 85
31.000	1065	7.05	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				309 2.9 53 53	169 4.7 65 65	282 2.0 112 111	138 3.7 132 116	562 1.6 54 54	280 2.5 74 74
35.306	1052	1.96	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		193 4.5 97 97							
35.306	1250	1.96	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				369 3.3 46 46	201 5.9 57 57	338 2.6 98 98	165 4.8 116 102	673 1.8 48 48	334 3.3 65 65
39.200	1175	5.37	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				388 2.7 42 42	213 4.3 51 51	355 1.8 88 88	174 3.3 105 92	704 1.5 43 43	352 2.3 59 59
43.271	1090	1.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		237 4.2 79 79							
43.271	1250	1.43	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				454 2.7 38 38	248 4.8 46 46	414 2.5 80 80	202 4.5 95 83	824 1.5 39 39	410 3.0 53 53
50.000	1250	3.53	M_2 c $n_{2\,Eck}$ $n_{2\,th}$		260 2.9 68 68	163 4.2 81 81	495 2.4 33 33	271 4.0 40 40	452 1.7 69 69	223 3.1 82 72	897 1.3 34 34	449 2.1 46 46
54.250	1250	2.89	M_2 c $n_{2\,Eck}$ $n_{2\,th}$				541 2.3 30 30	297 3.9 37 37	495 1.7 64 64	244 3.1 76 66	981 1.3 31 31	491 2.1 42 42

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1250$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC42	GSS07-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	J_M			
327 1.4 170 152	161 2.6 200 152	629 1.1 83 83	280 1.9 114 114		205 2.1 202 119		425 1.3 121 98	292 1.5 203 98	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	13.58	764	20.517
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.18	836	22.143
378 1.7 157 141	186 3.1 186 141	720 1.5 77 77	321 2.5 106 106		237 2.4 187 111				M_2 c $n_{2\,Eck}$ $n_{2\,th}$	4.18	1211	22.143
406 1.2 138 124	201 2.3 163 124	779 1.0 68 67	347 1.7 93 93		255 1.9 165 97		527 1.1 99 80	363 1.3 165 80	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	9.59	913	25.188
463 1.6 128 115	228 2.9 152 115	880 1.4 63 63	393 2.3 86 86		290 2.3 153 90				M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.13	1250	27.125
501 1.1 112 100	248 2.1 133 100		427 1.6 76 75		314 1.7 134 79		649 1.1 80 65	448 1.2 134 65	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	7.05	1065	31.000
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.96	1052	35.306
602 1.5 99 88	297 2.7 116 88								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.96	1250	35.306
630 1.0 89 79	312 1.9 105 79		536 1.5 60 60		396 1.5 106 62		814 1.0 64 51	563 1.1 106 51	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	5.37	1175	39.200
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.43	1090	43.271
737 1.4 80 72	364 2.6 95 72								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.43	1250	43.271
	398 1.8 82 62		683 1.4 47 47		505 1.4 83 49				M_2 c $n_{2\,Eck}$ $n_{2\,th}$	3.53	1250	50.000
	435 1.8 76 57		747 1.4 43 43		552 1.4 77 45				M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.89	1250	54.250

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

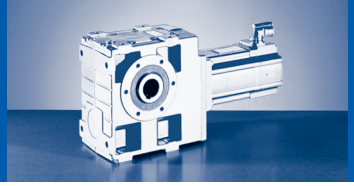
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1250$ Nm

GSS07-2A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
61.250	1250	2.70	M_2				606	333	554	273	1097	549
			c				2.0	3.6	1.6	2.9	1.1	2.0
			$n_{2\,Eck}$				27	33	56	67	27	38
			$n_{2\,th}$				27	33	56	59	27	38
70.611	1250	1.81	M_2		370	232	703	388	643	317		638
			c		2.7	3.9	1.8	3.1	1.6	2.9		1.9
			$n_{2\,Eck}$		48	57	23	28	49	58		33
			$n_{2\,th}$		48	57	23	28	49	51		33
79.722	1250	1.70	M_2		414	260	787	435	719	354		714
			c		2.6	3.7	1.6	2.8	1.5	2.7		1.7
			$n_{2\,Eck}$		43	51	21	25	43	51		29
			$n_{2\,th}$		43	51	21	25	43	45		29
86.542	1250	1.34	M_2		454	284	858	475	788	388		781
			c		2.5	3.7	1.5	2.6	1.5	2.7		1.6
			$n_{2\,Eck}$		39	47	19	23	40	47		27
			$n_{2\,th}$		39	47	19	23	40	41		27
97.708	1250	1.26	M_2		508	318	961	533	881	434		874
			c		2.3	3.5	1.3	2.3	1.3	2.6		1.4
			$n_{2\,Eck}$		35	42	17	21	35	42		24
			$n_{2\,th}$		35	41	17	20	35	37		24
113.667	1250	0.83	M_2		596	373	1119	622	1032	509		
			c		2.1	3.2	1.1	2.0	1.2	2.4		
			$n_{2\,Eck}$		30	36	14	18	30	36		
			$n_{2\,th}$		30	36	14	18	30	32		
128.333	1250	0.79	M_2	202	667	418		697	1154	570		
			c	5.8	1.9	2.9		1.8	1.1	2.2		
			$n_{2\,Eck}$	31	27	32		16	27	32		
			$n_{2\,th}$	31	27	32		16	27	28		
137.950	1250	0.61	M_2	219	722	453		752	1247	616		
			c	5.4	1.7	2.7		1.7	1.0	2.0		
			$n_{2\,Eck}$	29	25	29		15	25	30		
			$n_{2\,th}$	29	25	29		15	25	26		
155.750	1250	0.58	M_2	247	808	508		841		691		
			c	4.8	1.5	2.4		1.5		1.8		
			$n_{2\,Eck}$	25	22	26		13		26		
			$n_{2\,th}$	25	22	26		13		23		
174.375	1250	0.39	M_2	278	908	571						
			c	4.3	1.4	2.2						
			$n_{2\,Eck}$	23	20	23						
			$n_{2\,th}$	23	20	23						
196.875	1250	0.37	M_2	313	1017	640						
			c	3.8	1.2	1.9						
			$n_{2\,Eck}$	20	17	21						
			$n_{2\,th}$	20	17	21						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]



$M_{2\,GN} \leq 1250$ Nm

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC42	GSS07-2A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...S00				
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	17.00	M_1	J_G	$M_{2\,GN}$	i
3480	4110	1700	2340	3510	4150	1710	2490	4160	n_1			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	19.8	$I_{M\,400}$			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	7.40	P_N			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	J_M			
	487 1.7 67 51		835 1.3 38 38		617 1.3 68 40				M_2 c $n_{2\,Eck}$ $n_{2\,th}$	2.70	1250	61.250
	565 1.6 58 44								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.81	1250	70.611
	632 1.6 52 39								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.70	1250	79.722
	692 1.6 48 36								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.34	1250	86.542
	774 1.5 42 32								M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1.26	1250	97.708
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.83	1250	113.667
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.79	1250	128.333
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.61	1250	137.950
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.58	1250	155.750
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.39	1250	174.375
									M_2 c $n_{2\,Eck}$ $n_{2\,th}$	0.37	1250	196.875

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

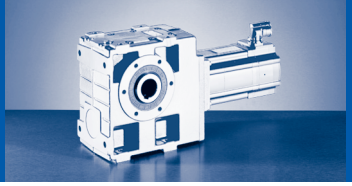
P ... [kW]
I ... [A]
i [-]
c [-]

$M_{2\,GN} \leq 1250$ Nm

GSS07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
126.531	1250	0.86	M_2	196	632	402	1186	660	1095	545
			c	3.8	2.0	1.9	1.1	1.9	1.1	1.4
			$n_{2\,Eck}$	31	27	32	13	16	27	32
			$n_{2\,th}$	31	27	32	13	16	27	28
142.857	1250	0.82	M_2	220	708	449		738	1225	610
			c	3.7	1.8	1.8		1.7	1.0	1.4
			$n_{2\,Eck}$	28	24	28		14	24	29
			$n_{2\,th}$	28	24	28		14	24	25
155.000	1250	0.74	M_2	239	772	489		805		664
			c	3.7	1.6	1.8		1.5		1.4
			$n_{2\,Eck}$	26	22	26		13		27
			$n_{2\,th}$	25	22	26		13		23
175.000	1250	0.72	M_2	268	866	548		898		743
			c	3.5	1.4	1.7		1.4		1.3
			$n_{2\,Eck}$	23	20	23		11		23
			$n_{2\,th}$	23	19	23		11		21
201.746	1250	0.37	M_2	310	999	632				
			c	3.2	1.3	1.6				
			$n_{2\,Eck}$	20	17	20				
			$n_{2\,th}$	20	17	20				
227.778	1250	0.36	M_2	347	1119	707				
			c	3.0	1.1	1.5				
			$n_{2\,Eck}$	17	15	18				
			$n_{2\,th}$	17	15	18				
247.139	1250	0.33	M_2	378	1218	770				
			c	2.8	1.0	1.4				
			$n_{2\,Eck}$	16	14	16				
			$n_{2\,th}$	16	14	16				
279.028	1250	0.32	M_2	422		859				
			c	2.7		1.3				
			$n_{2\,Eck}$	14		15				
			$n_{2\,th}$	14		15				
321.673	1250	0.28	M_2	493						
			c	1.9						
			$n_{2\,Eck}$	12						
			$n_{2\,th}$	12						
363.179	1250	0.28	M_2	547						
			c	1.9						
			$n_{2\,Eck}$	11						
			$n_{2\,th}$	11						
394.245	1250	0.26	M_2	601						
			c	1.7						
			$n_{2\,Eck}$	10						
			$n_{2\,th}$	10						
445.116	1250	0.26	M_2	665						
			c	1.7						
			$n_{2\,Eck}$	9						
			$n_{2\,th}$	9						
490.403	1250	0.18	M_2	735						
			c	1.5						
			$n_{2\,Eck}$	8						
			$n_{2\,th}$	8						

M ... [Nm]
n ... [r/min]
J ... [kgcm²]

P ... [kW]
I ... [A]
i [-]
c [-]

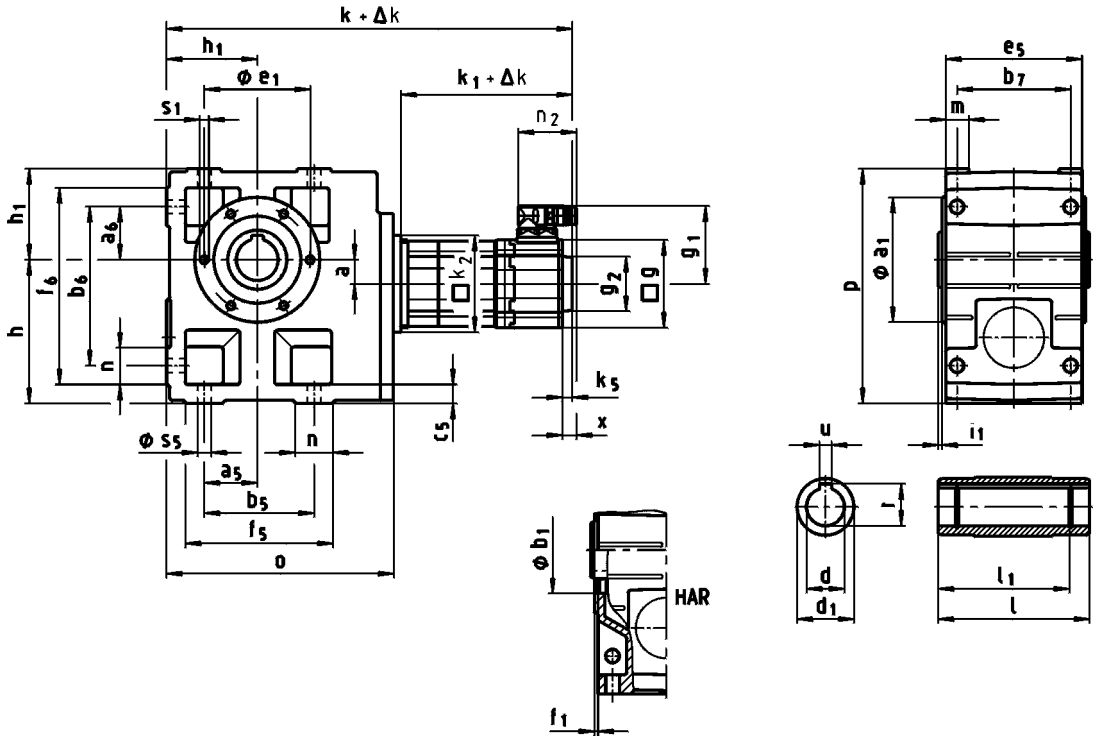


$M_{2\,GN} \leq 1250$ Nm

GSS07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	$M_{2\,GN}$	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			$I_{M\,400}$	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
553.681	1250	0.18	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	818 1.4 7 7						
634.639	1250	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	943 1.3 6 6						
716.528	1250	0.11	M_2 c $n_{2\,Eck}$ $n_{2\,th}$	1048 1.1 6 6						

M ... [Nm]
n ... [r/min]
J ... [kgcm^2]

P ... [kW]
I ... [A]
i [-]
c [-]

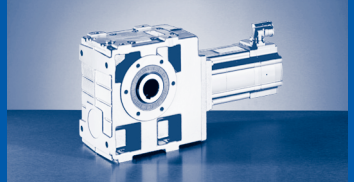


GSS□□-2S H□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GSS04...	k	325	355	385	378	398	418	458							
GSS05...	k	347	377	407	399	419	439	479	416		456			496	
GSS06...	k	387	417	447	439	459	479	519	456		496			536	
GSS07...	k				482	502	522	562	499		539			579	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GSS05: 12DC20 ... 12LC41



GSS□□-2S H□R ... RSO

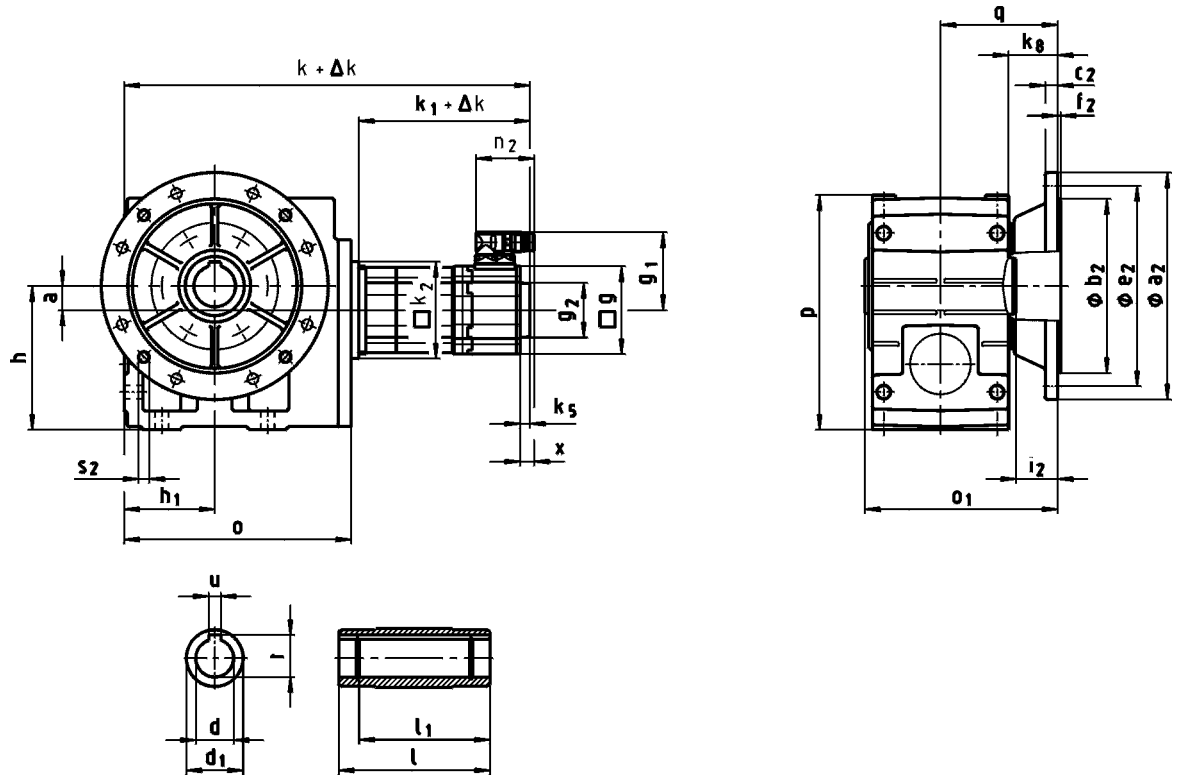
		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GSS06...	k	472		512		552		592							
GSS07...	k	515		555		595		635		554		594		654	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GSS□□-2S H□R

	o	p	h	h_1	a	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS04...	181	171	100	71	20	45	45	90	119	85	14	100	112	141	20	22	9
GSS05...	212	205	125	80	23	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06...	255	250	150	100	26	60	60	120	170	120	20	145	156	206	23	36	14
GSS07...	305	310	190	120	33	70	70	140	210	150	25	180	185	255	28	45	18

	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				6x60°
GSS04...	25	115	45	100	8	28.3	105	75	90	3	2.5	M6x12
	30					33.3						
GSS05...		140	50	124			118	80	100	4	4	M8x15
	35				10	38.3						
GSS06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GSS07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						

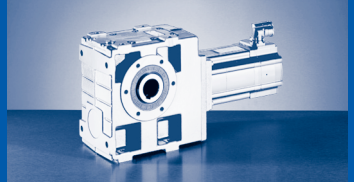


GSS□□-2S HAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GSS04...	k	325	355	385	378	398	418	458							
GSS05...	k	347	377	407	399	419	439	479	416		456			496	
GSS06...	k	387	417	447	439	459	479	519	456		496			536	
GSS07...	k				482	502	522	562	499		539			579	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GSS05: 12DC20 ... 12LC41



GSS□□-2S HAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GSS06...	k	472		512		552		592							
GSS07...	k	515		555		595		635		554		594		654	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

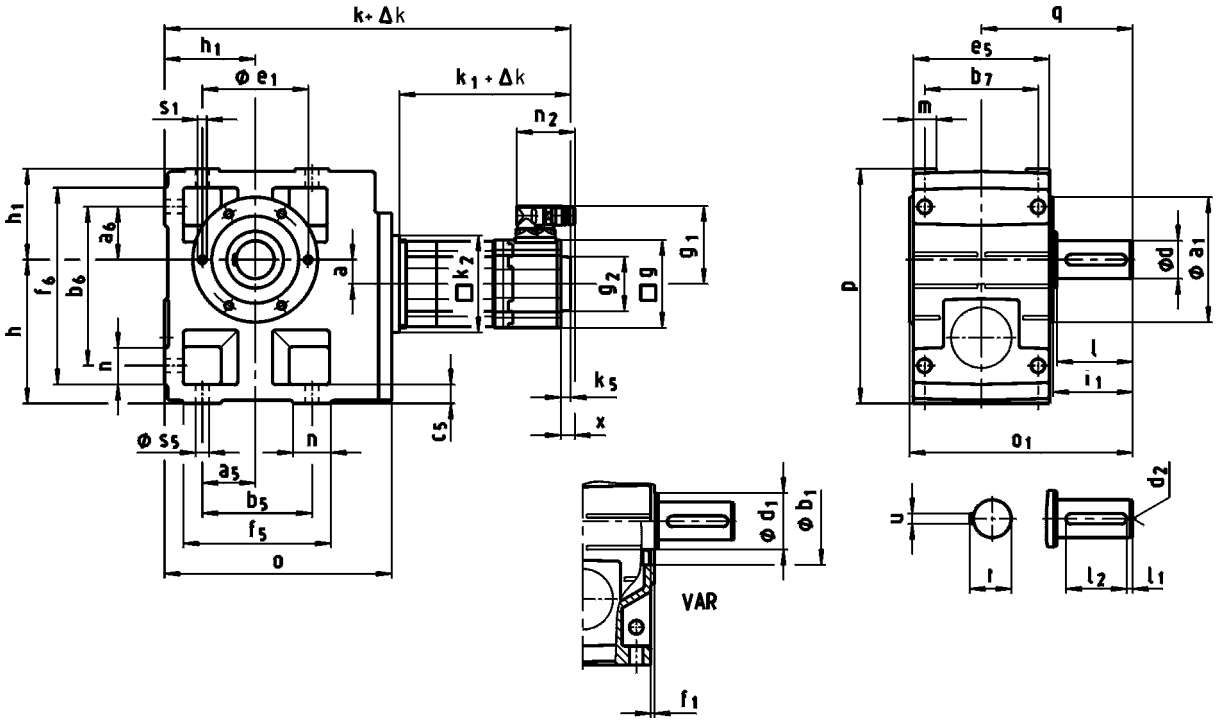
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GSS□□-2S HAK

	o	o_1	p	h	h_1	a	q	k_8
GSS04...	181	149	171	100	71	20	91	41
GSS05...	212	174	205	125	80	23	103.5	40
GSS06...	255	203 [2] 202 [3]	250	150	100	26	122.5 [2] 121.5 [3]	50 [2] 49 [3]
GSS07...	305	256	310	190	120	33	155.5	66

[2] a_2 = 200
[3] a_2 = 250

	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GSS04...	25	115	45	100	8	28.3	160	110	10	130	3.5	33.5	4 x 9
	30					33.3							
GSS05...		140	50	124			200	130	12	165			4 x 11
	35				10	38.3							
GSS06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GSS07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			

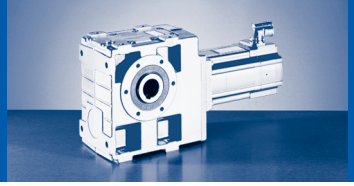


GSS□□-2S V□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GSS04...	k	325	355	385	378	398	418	458							
GSS05...	k	347	377	407	399	419	439	479	416		456			496	
GSS06...	k	387	417	447	439	459	479	519	456		496			536	
GSS07...	k				482	502	522	562	499		539			579	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GSS05: 12DC20 ... 12LC41



GSS□□-2S V□R ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GSS06...	k	472		512		552		592							
GSS07...	k	515		555		595		635		554		594		654	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

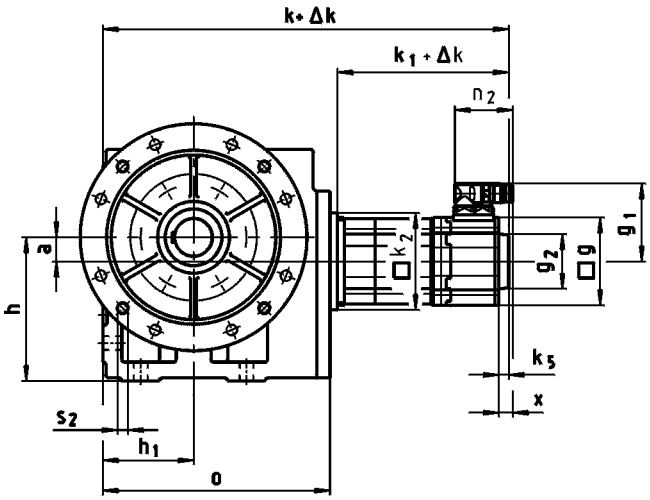
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

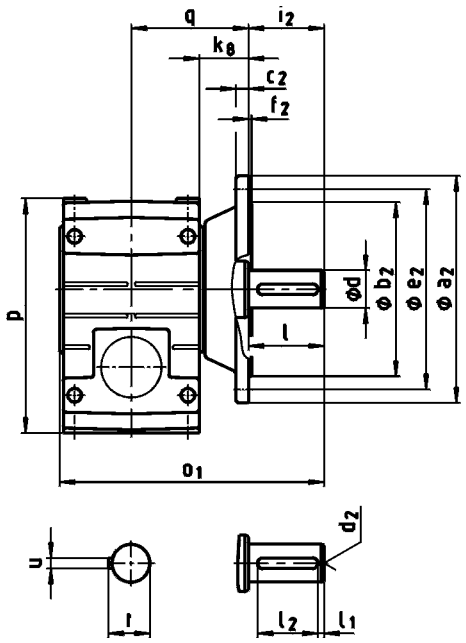
GSS□□-2S V□R

	o	o_1	p	h	h_1	a	q	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS04...	181	163	171	100	71	20	107.5	45	45	90	119	85	14	100	112	141	20	22	9
GSS05...	212	197	205	125	80	23	130	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06...	255	236	250	150	100	26	160	60	60	120	170	120	20	145	156	206	23	36	14
GSS07...	305	296	310	190	120	33	200	70	70	140	210	150	25	180	185	255	28	45	18

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				6x60°
GSS04...	25	50	45	4	40	M10	8	28	105	75	90	3	52.5	M6x12
GSS05...	30	60	50	6	45			33	118	80	100	4	64	M8x15
GSS06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GSS07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18

d ≤ 50 mm: k6; d > 50 mm: m6



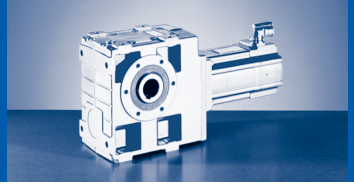


GSS□□-2S VAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GSS04...	k	325	355	385	378	398	418	458							
GSS05...	k	347	377	407	399	419	439	479	416		456			496	
GSS06...	k	387	417	447	439	459	479	519	456		496			536	
GSS07...	k				482	502	522	562	499		539			579	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GSS05: 12DC20 ... 12LC41



GSS□□-2S VAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GSS06...	k	472		512		552		592							
GSS07...	k	515		555		595		635		554		594		654	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	28								34		44			
	k_1	201		241		281		321		220		260		320	
	k_2	145								195					
	g	143								192					
...RSO	k_5	24								15					
	g_2	Ø 78													
	g_1	116				147		116	147	141	172	141	172	141	172
	n_2	78				94		78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36

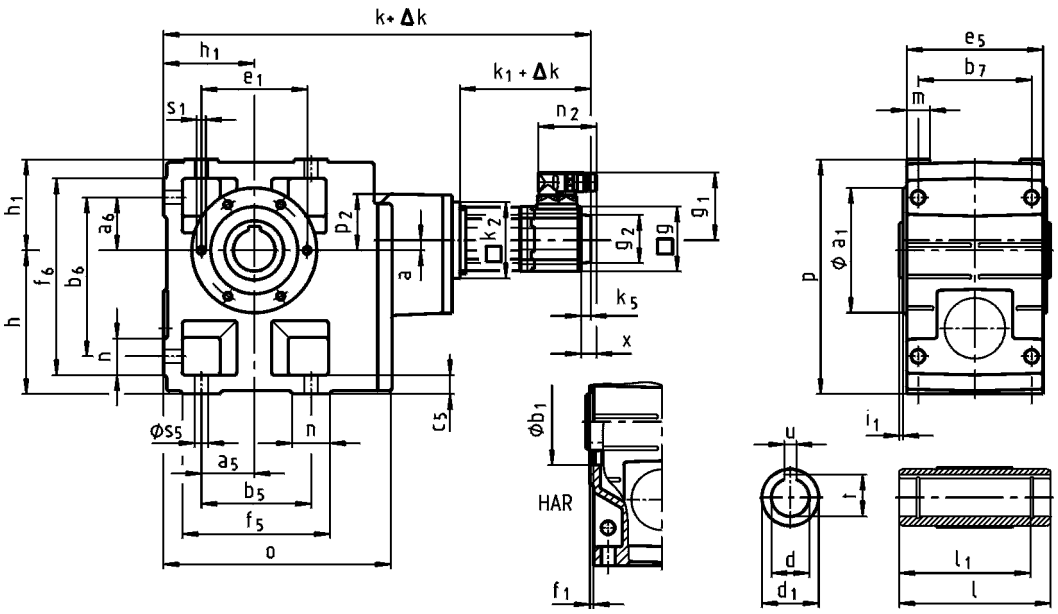
[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

GSS□□-2S VAK

	o	o_1	p	h	h_1	a	q	k_8
GSS04...	181	196	171	100	71	20	91	41
GSS05...	212	230	205	125	80	23	103.5	40
GSS06...	255	277	250	150	100	26	121.5	49
GSS07...	305	351	310	190	120	33	155.5	66

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GSS04...	25	50	4	40	M10	8	28	160	110	10	130	3.5	50	4 x 9
GSS05...	30	60	6	45			33	200	130	12	165		60	4 x 11
GSS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GSS07...	50	100	8	80		14	53.5	300	230	17	265		100	

d ≤ 50 mm: k6; d > 50 mm: m6

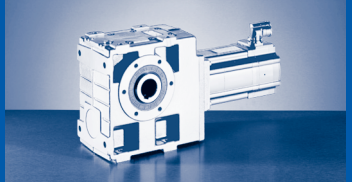


GSS□□-3S H□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GSS05...	k	423	453	483	476	496	516	556							
GSS06...	k	480	510	540	533	553	573	613							
GSS07...	k	534	564	594	587	607	627	667	604			644		684	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188			228		268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

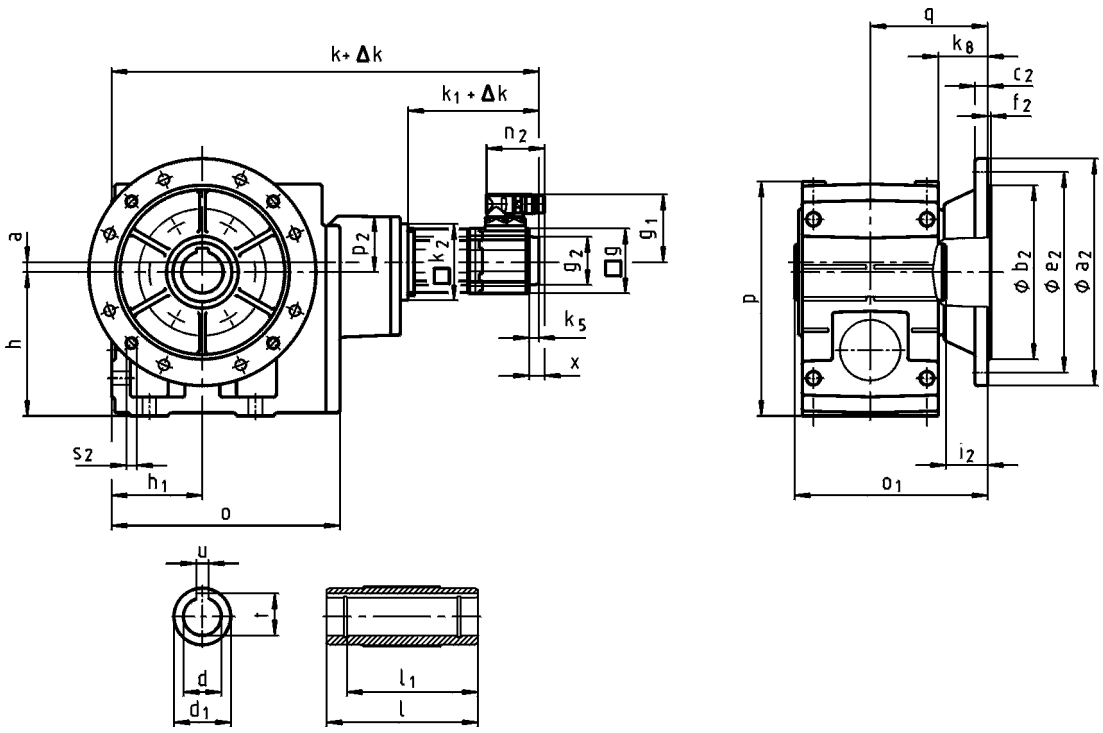
[2] GSS07: 12DC20 ... 12LC41



GSS□□-3S H□R

	o	p	p_2	h	h_1	a	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS05...	209	205	65	125	80	13	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06...	252	250	63	150	100	10	60	60	120	170	120	20	145	156	206	23	36	14
GSS07...	299	310	73	190	120	12	70	70	140	210	150	25	180	185	255	28	45	18

	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				6x60°
GSS05...	30	140	50	124	8	33.3	118	80	100	4	4	M8x15
	35				10	38.3						
GSS06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GSS07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						

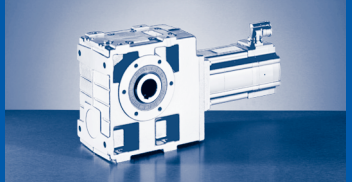


GSS□□-3S HAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GSS05...	k	423	453	483	476	496	516	556							
GSS06...	k	480	510	540	533	553	573	613							
GSS07...	k	534	564	594	587	607	627	667	604			644		684	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188			228		268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GSS07: 12DC20 ... 12LC41

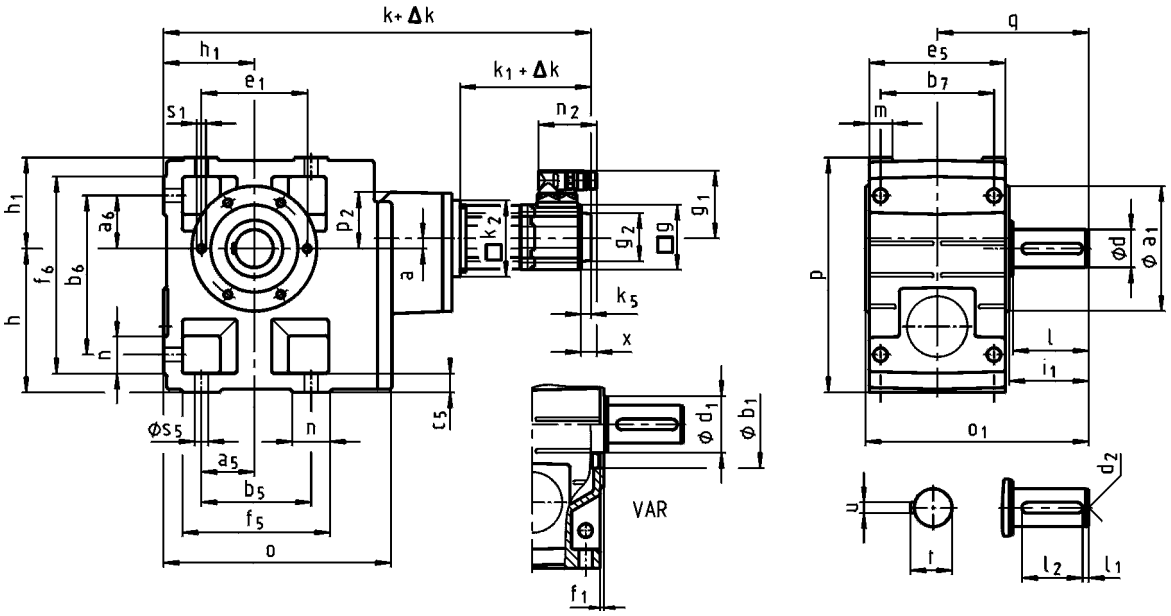


GSS□□-3S HAK

	o	o_1	p	p_2	h	h_1	a	q	k_8
GSS05...	209	174	205	65	125	80	13	103.5	40
GSS06...	252	203 [1] 202 [2]	250	63	150	100	10	122.5 [1] 121.5 [2]	50 [1] 49 [2]
GSS07...	299	256	310	73	190	120	12	155.5	66

[1] a_2 = 200
[2] a_2 = 250

	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GSS05...	30	140	50	124	8	33.3	200	130	12	165	3.5	33.5	4 x 11
	35				10	38.3							
GSS06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GSS07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			

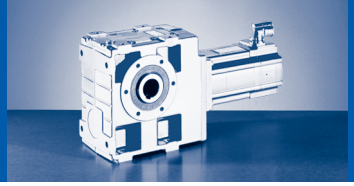


GSS□□-3S V□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GSS05...	k	423	453	483	476	496	516	556							
GSS06...	k	480	510	540	533	553	573	613							
GSS07...	k	534	564	594	587	607	627	667	604		644			684	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GSS07: 12DC20 ... 12LC41

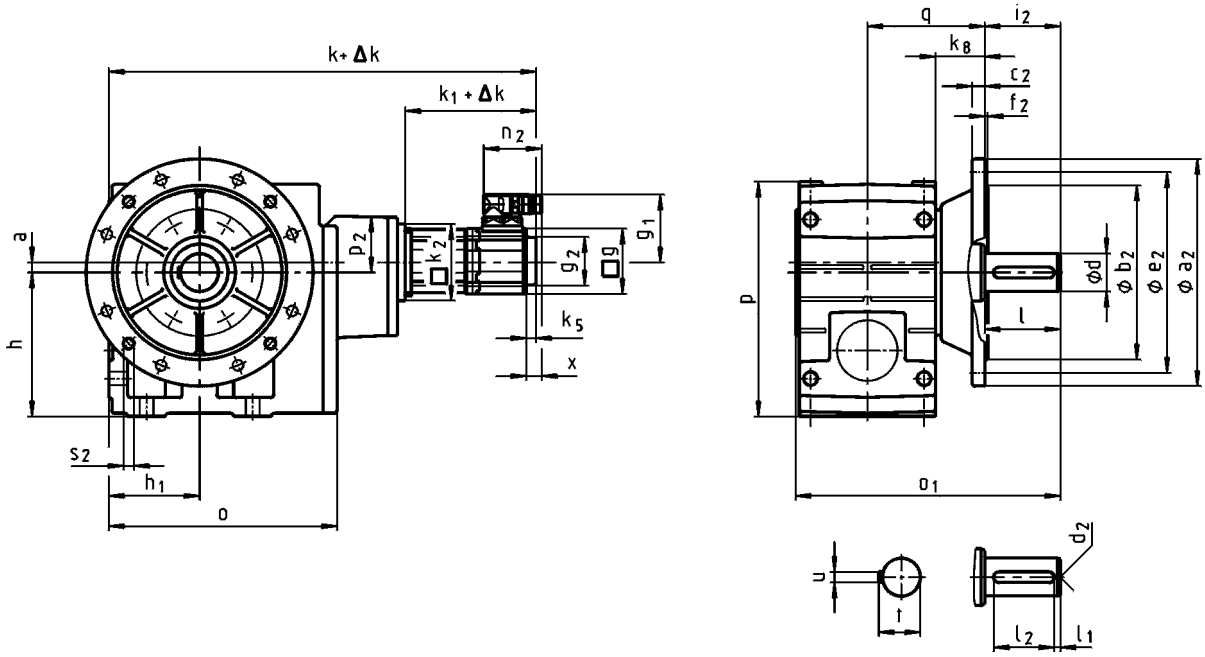


GSS□□-3S V□R

	o	o_1	p	p_2	h	h_1	a	q	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS05...	209	197	205	65	125	80	13	130	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06...	252	236	250	63	150	100	10	160	60	60	120	170	120	20	145	156	206	23	36	14
GSS07...	299	296	310	73	190	120	12	200	70	70	140	210	150	25	180	185	255	28	45	18

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				6x60°
GSS05...	30	60	50	6	45	M10	8	33	118	80	100	4	64	M8x15
GSS06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GSS07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18

d ≤ 50 mm: k6; d > 50 mm: m6

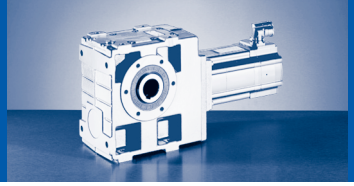


GSS□□-3S VAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GSS05...	k	423	453	483	476	496	516	556							
GSS06...	k	480	510	540	533	553	573	613							
GSS07...	k	534	564	594	587	607	627	667	604		644			684	
...RSO B0 [1]	Δ k	0													
...RSO P□ [1]	Δ k	19			20										
	k_1	132	162	192	183	203	223	263	188		228			268	
	k_2	66			91				118 145 [2]						
	g	62			89				116						
...RSO	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
	x	21							18						

[1] → 801 - SRS/SRM/ECN/EQN/EQI/C20

[2] GSS07: 12DC20 ... 12LC41

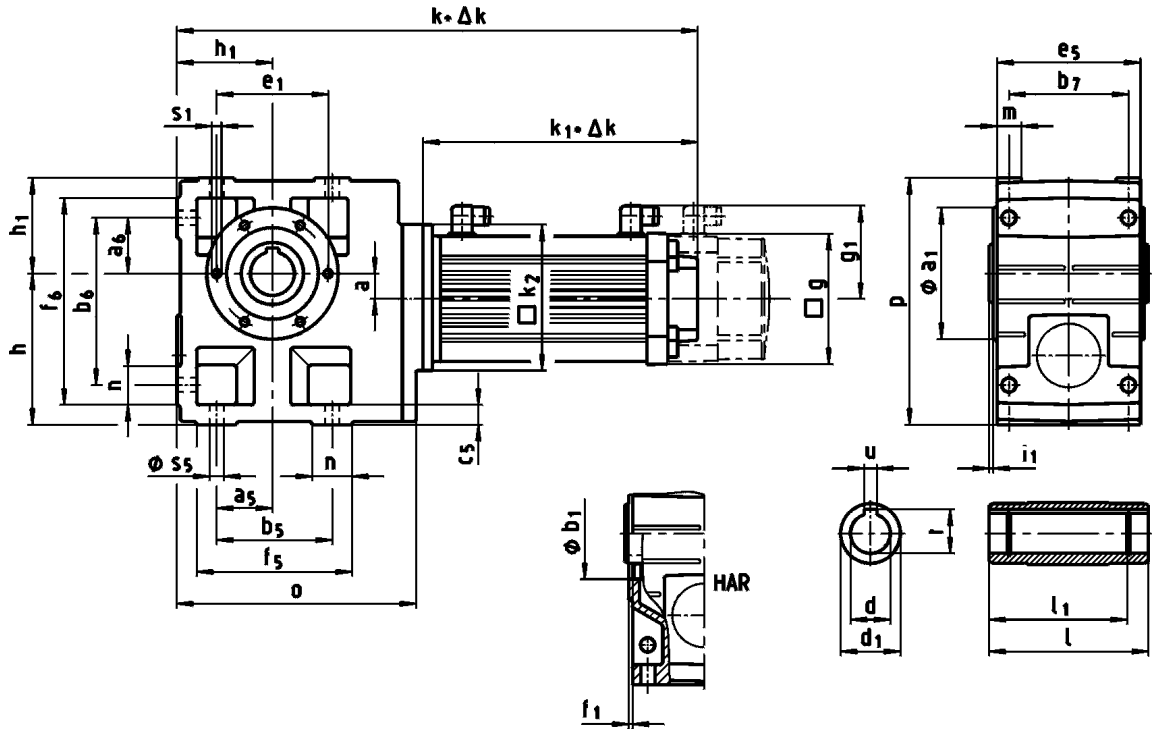


GSS□□-3S VAK

	o	o_1	p	p_2	h	h_1	a	q	k_8
GSS05...	209	230	205	65	125	80	13	103.5	40
GSS06...	252	277	250	63	150	100	10	121.5	49
GSS07...	299	351	310	73	190	120	12	155.5	66

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GSS05...	30	60	6	45	M10	8	33	200	130	12	165	3.5	60	4 x 11
GSS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GSS07...	50	100	8	80		14	53.5	300	230	17	265		100	

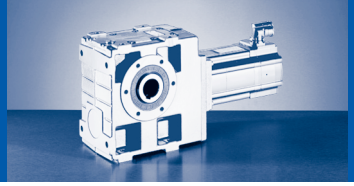
d ≤ 50 mm: k6; d > 50 mm: m6



GSS□□-2A H□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GSS04...	k	453	462	530						
GSS05...	k	475	483	551	533		595			
GSS06...	k	515	523	591	573		635		612	
GSS07...	k	558	566	634	616		678		655	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GSS□□-2A H□R ... RSO

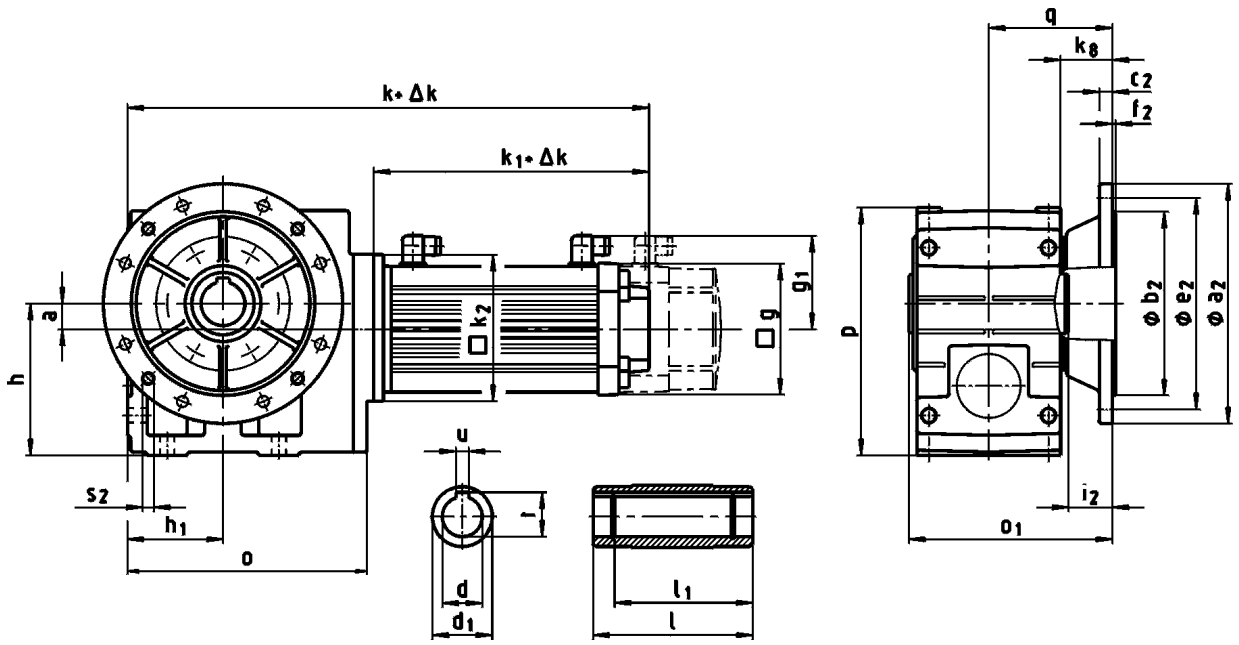
		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GSS06...	k	701									
GSS07...	k	744		724		821		802		898	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GSS□□-2A H□R

	o	p	h	h_1	a	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS04...	181	171	100	71	20	45	45	90	119	85	14	100	112	141	20	22	9
GSS05...	212	205	125	80	23	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06...	255	250	150	100	26	60	60	120	170	120	20	145	156	206	23	36	14
GSS07...	305	310	190	120	33	70	70	140	210	150	25	180	185	255	28	45	18

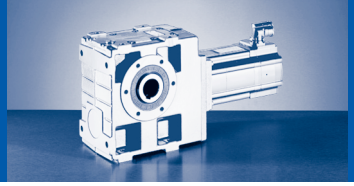
	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				6x60°
GSS04...	25	115	45	100	8	28.3	105	75	90	3	2.5	M6x12
	30					33.3						
GSS05...		140	50	124			118	80	100	4	4	M8x15
	35				10	38.3						
GSS06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GSS07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						



GSS□□-2A HAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GSS04...	k	453	462	530						
GSS05...	k	475	483	551	533		595			
GSS06...	k	515	523	591	573		635		612	
GSS07...	k	558	566	634	616		678		655	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GSS□□-2A HAK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GSS06...	k	701									
GSS07...	k	744		724		821		802		898	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

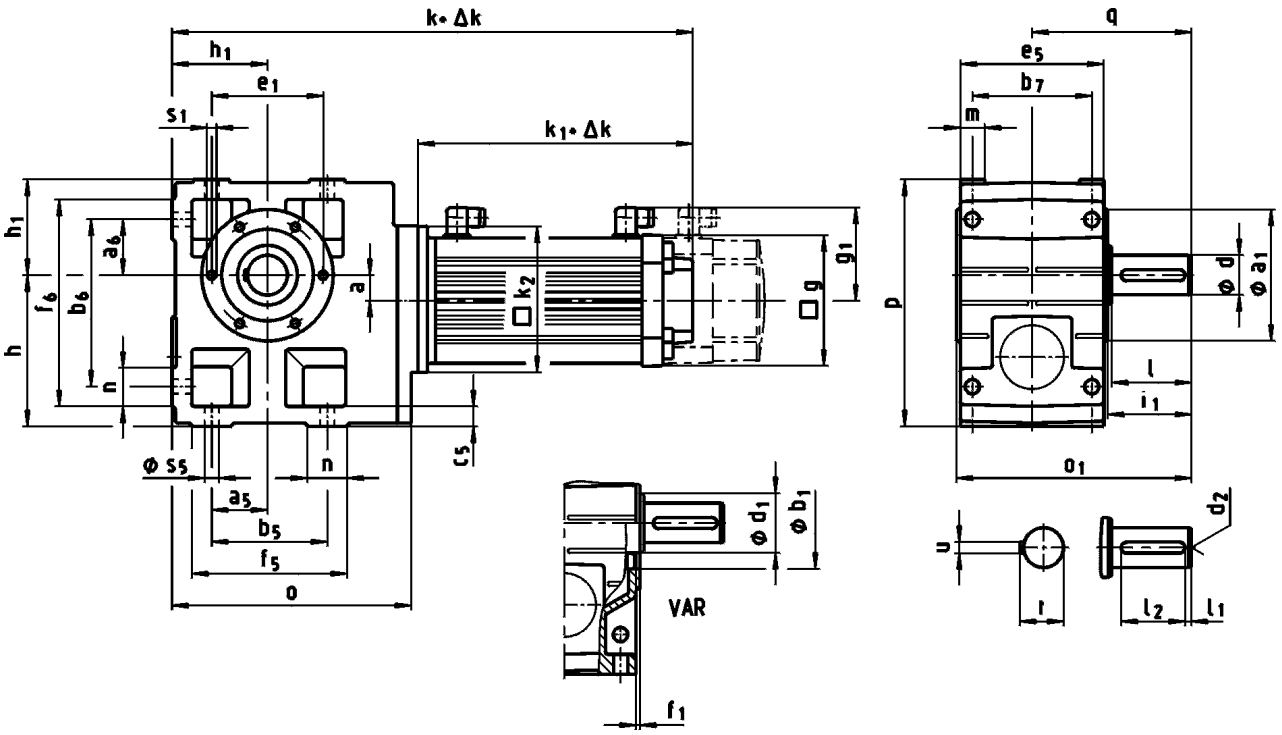
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GSS□□-2A HAK

	o	o_1	p	h	h_1	a	q	k_8
GSS04...	181	149	171	100	71	20	91	41
GSS05...	212	174	205	125	80	23	103.5	40
GSS06...	255	203 [2] 202 [3]	250	150	100	26	122.5 [2] 121.5 [3]	50 [2] 49 [3]
GSS07...	305	256	310	190	120	33	155.5	66

[2] a_2 = 200
[3] a_2 = 250

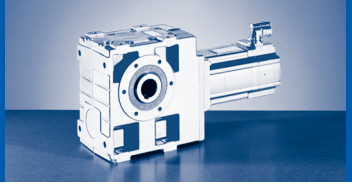
	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GSS04...	25	115	45	100	8	28.3	160	110	10	130	3.5	33.5	4 x 9
	30					33.3							
GSS05...	35	140	50	124	10	38.3	200	130	12	165			4 x 11
GSS06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GSS07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			



GSS□□-2A V□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GSS04...	k	453	462	530						
GSS05...	k	475	483	551	533		595			
GSS06...	k	515	523	591	573		635		612	
GSS07...	k	558	566	634	616		678		655	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GSS□□-2A V□R ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GSS06...	k	701									
GSS07...	k	744		724		821		802		898	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

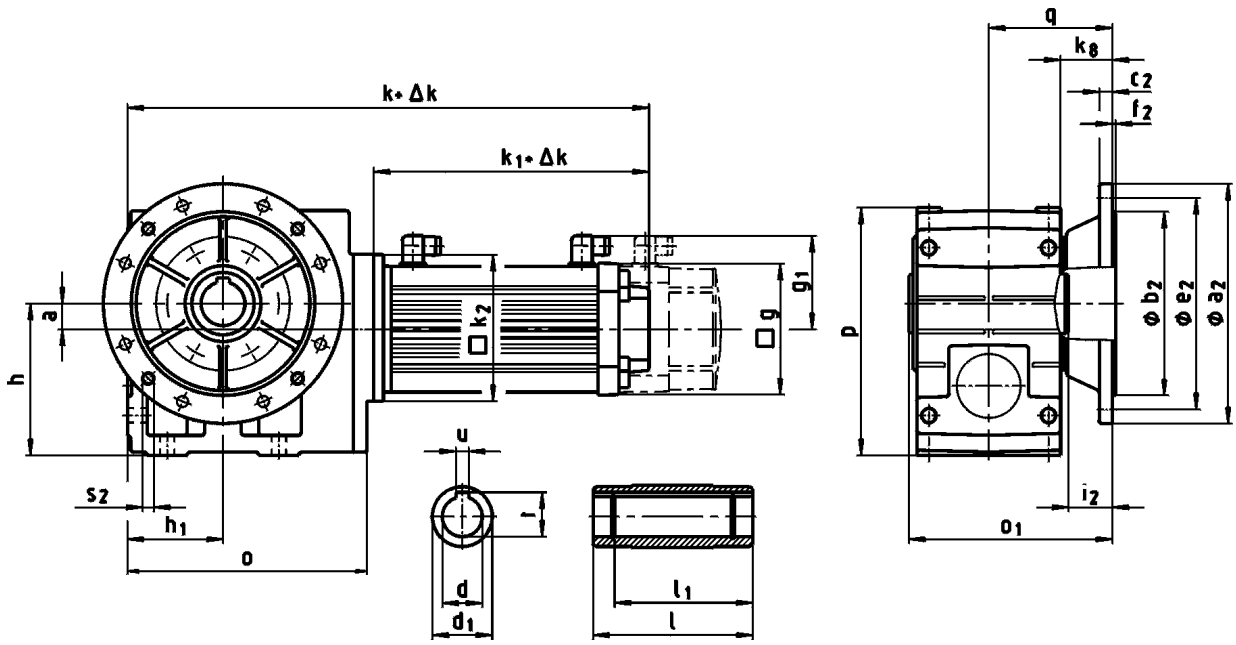
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GSS□□-2A V□R

	o	o_1	p	h	h_1	a	q	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS04...	181	163	171	100	71	20	107.5	45	45	90	119	85	14	100	112	141	20	22	9
GSS05...	212	197	205	125	80	23	130	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06...	255	236	250	150	100	26	160	60	60	120	170	120	20	145	156	206	23	36	14
GSS07...	305	296	310	190	120	33	200	70	70	140	210	150	25	180	185	255	28	45	18

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				6x60°
GSS04...	25	50	45	4	40	M10	8	28	105	75	90	3	52.5	M6x12
GSS05...	30	60	50	6	45			33	118	80	100	4	64	M8x15
GSS06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GSS07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18

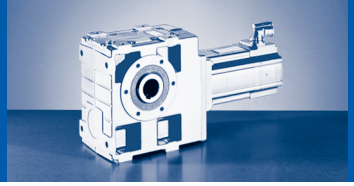
d ≤ 50 mm: k6; d > 50 mm: m6



GSS□□-2A VAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GSS04...	k	453	462	530						
GSS05...	k	475	483	551	533		595			
GSS06...	k	515	523	591	573		635		612	
GSS07...	k	558	566	634	616		678		655	
...RSO B0 [1]	Δ k	0								
...RSO P□ [1]	Δ k	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145			180					
	g	102	131		142				165	
	g_1	90	102		109				118	

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GSS□□-2A VAK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GSS06...	k	701									
GSS07...	k	744		724		821		802		898	
...RSO B0 [1]	Δ k	0									
...RSO P□ [1]	Δ k	35		38				42			
	k_1	435		408		505		479		575	
	k_2	180		222				265			
	g	165		192				214			
	g_1	118		161				172			

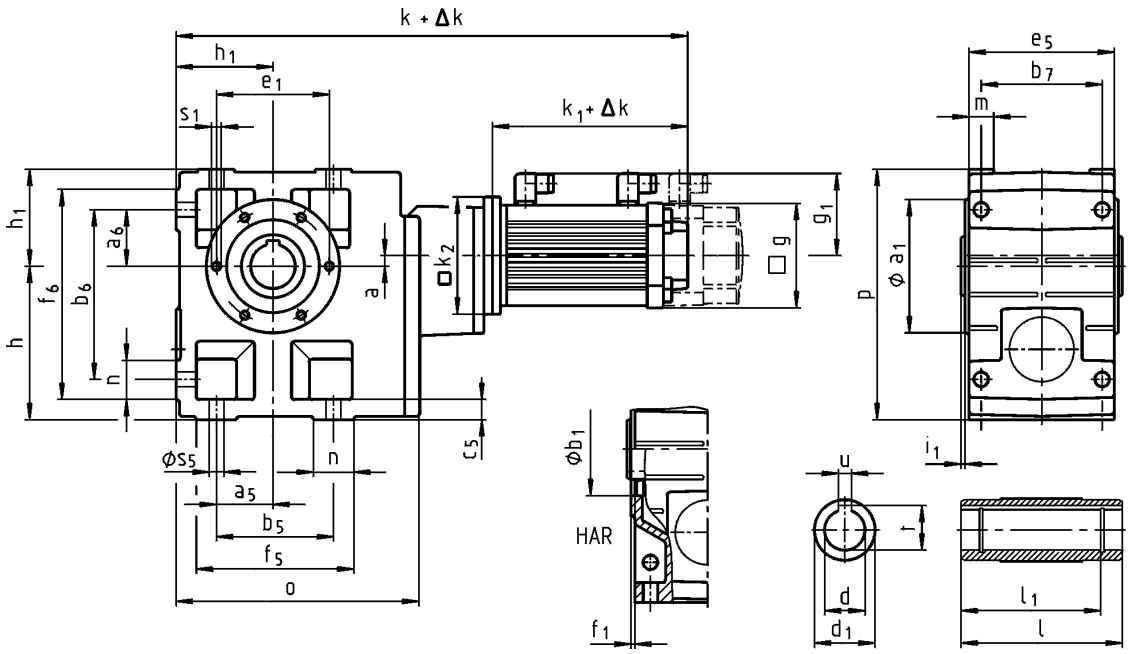
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GSS□□-2A VAK

	o	o_1	p	h	h_1	a	q	k_8
GSS04...	181	196	171	100	71	20	91	41
GSS05...	212	230	205	125	80	23	103.5	40
GSS06...	255	277	250	150	100	26	121.5	49
GSS07...	305	351	310	190	120	33	155.5	66

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GSS04...	25	50	4	40	M10	8	28	160	110	10	130	3.5	50	4 x 9
GSS05...	30	60	6	45			33	200	130	12	165		60	4 x 11
GSS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GSS07...	50	100	8	80		14	53.5	300	230	17	265		100	

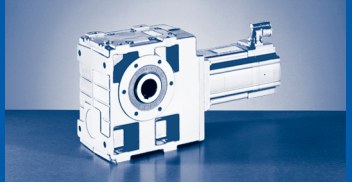
d ≤ 50 mm: k6; d > 50 mm: m6



GSS□□-3A H□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10
GSS05...	k	551	560	628				
GSS06...	k	608	617	685				
GSS07...	k	662	671	739	721		783	
...RSO B0 [1]	Δ k	0						
...RSO P□ [1]	Δ k	25	35		33			
	k_1	258	267	335	307		369	
	k_2	145			180			
	g	102	131		142			
	g_1	90	102		109			

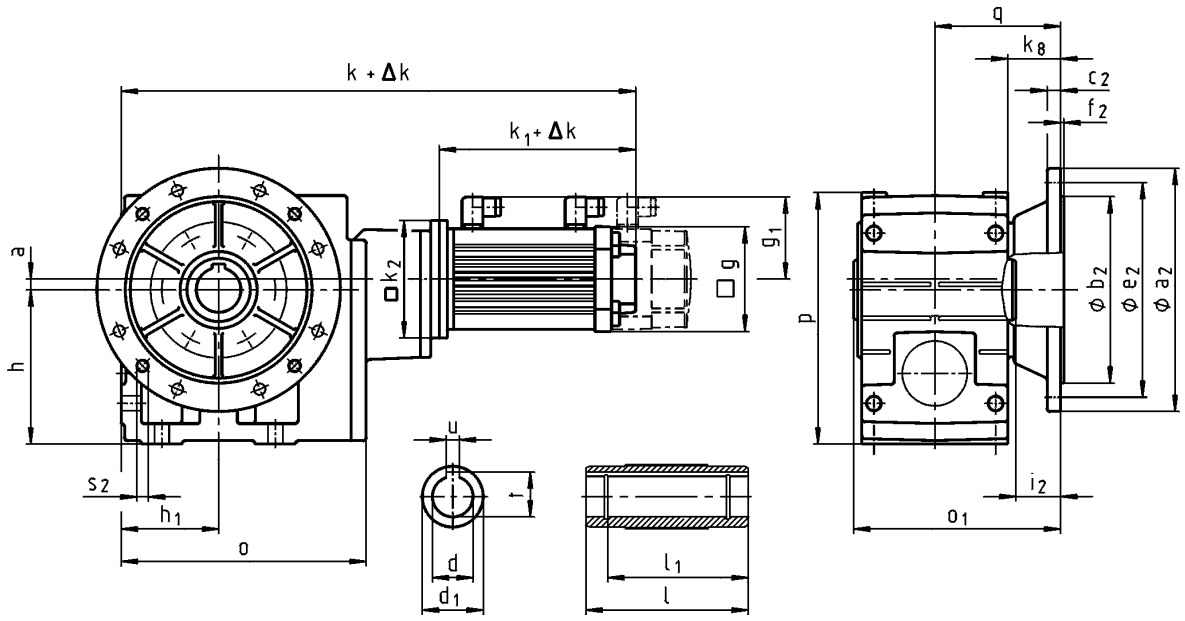
[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GSS□□-3A H□R

	o	p	h	h_1	a	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS05...	209	205	125	80	13	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06...	252	250	150	100	10	60	60	120	170	120	20	145	156	206	23	36	14
GSS07...	299	310	190	120	12	70	70	140	210	150	25	180	185	255	28	45	18

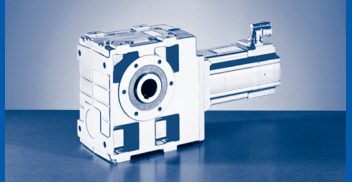
	d	l	d_1	l_1	u	t	a_1	b_1	e_1	f_1	i_1	s_1
	H7				JS9	+0,2		H7				6x60°
GSS05...	30	140	50	124	8	33.3	118	80	100	4	4	M8x15
	35				10	38.3						
GSS06...	40	160	65	140	12	43.3	140	100	120		5	M10x16
	45				14	48.8						
GSS07...	50	200	75	175		53.8	165	115	140	5		M12x18
	55				16	59.3						



GSS□□-3A HAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10
GSS05...	k	551	560	628				
GSS06...	k	608	617	685				
GSS07...	k	662	671	739	721		783	
...RSO B0 [1]	Δ k	0						
...RSO P□ [1]	Δ k	25	35		33			
	k_1	258	267	335	307		369	
	k_2	145			180			
	g	102	131		142			
	g_1	90	102		109			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

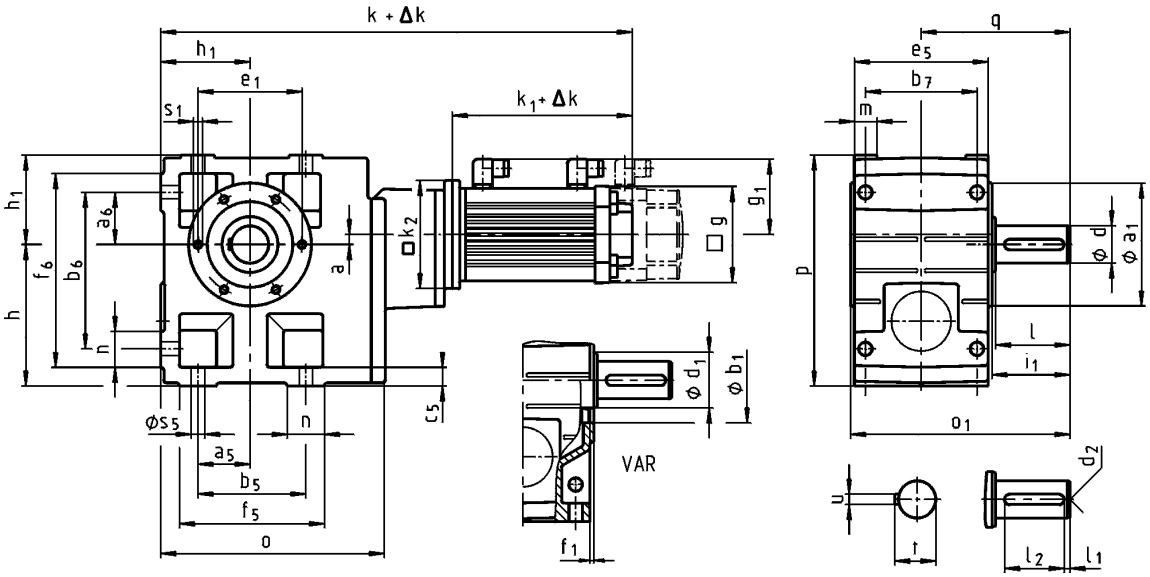


GSS□□-3A HAK

	o	o_1	p	h	h_1	a	q	k_8
GSS05...	209	174	205	125	80	13	103.5	40
GSS06...	252	203 [1] 202 [2]	250	150	100	10	122.5 [1] 121.5 [2]	50 [1] 49 [2]
GSS07...	299	256	310	190	120	12	155.5	66

[1] a_2 = 200
[2] a_2 = 250

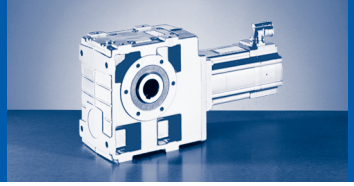
	d	l	d_1	l_1	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
	H7				JS9	+0,2		j7					
GSS05...	30	140	50	124	8	33.3	200	130	12	165	3.5	33.5	4 x 11
	35				10	38.3							
GSS06...	40	160	65	140	12	43.3						42.5	
	45				14	48.8	250	180	15	215	4	41.5	4 x 14
GSS07...	50	200	75	175		53.8						55.5	
	55				16	59.3	300	230	17	265			



GSS□□-3A V□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10
GSS05...	k	551	560	628				
GSS06...	k	608	617	685				
GSS07...	k	662	671	739	721		783	
...RSO B0 [1]	Δ k	0						
...RSO P□ [1]	Δ k	25	35		33			
	k_1	258	267	335	307		369	
	k_2	145			180			
	g	102	131		142			
	g_1	90	102		109			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

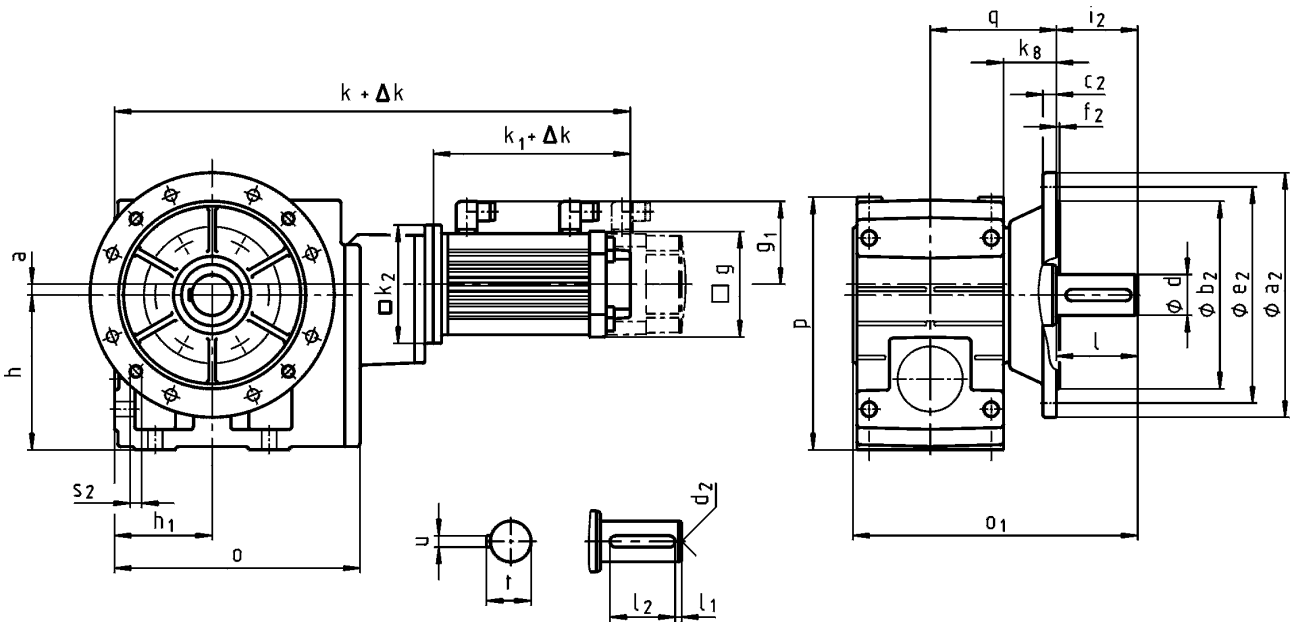


GSS□□-3A V□R

	o	o_1	p	h	h_1	a	q	a_5	a_6	b_5	b_6	b_7	c_5	e_5	f_5	f_6	m	n	s_5
GSS05...	209	197	205	125	80	13	130	47.5	47.5	95	140	105	17	127	124	169	21	29	11
GSS06...	252	236	250	150	100	10	160	60	60	120	170	120	20	145	156	206	23	36	14
GSS07...	299	296	310	190	120	12	200	70	70	140	210	150	25	180	185	255	28	45	18

	d	l	d_1	l_1	l_2	d_2	u	t	a_1	b_1	e_1	f_1	i_1	s_1
										H7				6x60°
GSS05...	30	60	50	6	45	M10	8	33	118	80	100	4	64	M8x15
GSS06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GSS07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18

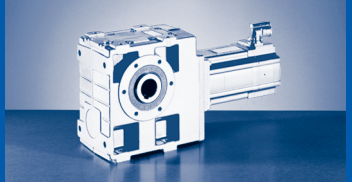
d ≤ 50 mm: k6; d > 50 mm: m6



GSS□□-3A VAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10
GSS05...	k	551	560	628				
GSS06...	k	608	617	685				
GSS07...	k	662	671	739	721		783	
...RSO B0 [1]	Δ k	0						
...RSO P□ [1]	Δ k	25	35		33			
	k_1	258	267	335	307		369	
	k_2	145			180			
	g	102	131		142			
	g_1	90	102		109			

[1] → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



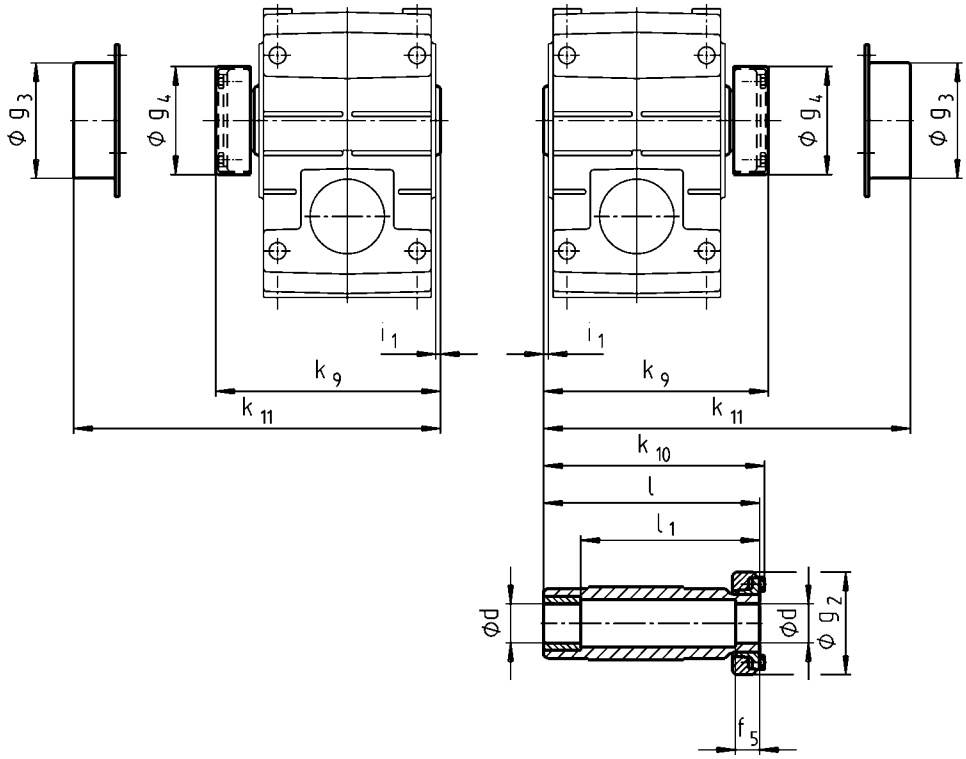
GSS□□-3A VAK

	o	o_1	p	h	h_1	a	q	k_8
GSS05...	209	230	205	125	80	13	103.5	40
GSS06...	252	277	250	150	100	10	121.5	49
GSS07...	299	351	310	190	120	12	155.5	66

	d	l	l_1	l_2	d_2	u	t	a_2	b_2	c_2	e_2	f_2	i_2	s_2
									j7					
GSS05...	30	60	6	45	M10	8	33	200	130	12	165	3.5	60	4 x 11
GSS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GSS07...	50	100	8	80		14	53.5	300	230	17	265		100	

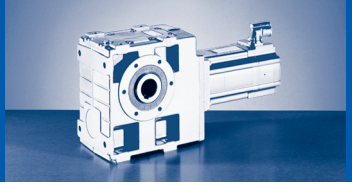
d ≤ 50 mm: k6; d > 50 mm: m6

Hollow shaft with shrink disc

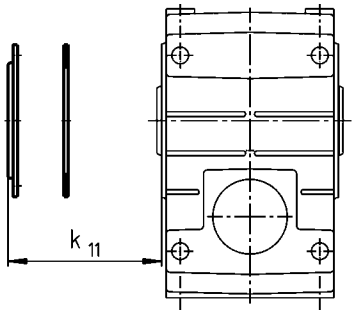


	Machine shaft	Hollow shaft with shrink disc						Protective cap		Cover	
	d	i_1	k_{10}	g_2	l	l_1	f_5	k_9	g_4	k_{11}	g_3
	h6										
GSS04...	25 30	2.5	148	72	142	122	26	150	76	154	79
GSS05...	35	4	174	80	168	148	28	176	84	179	90
GSS06...	40	5	200	90	194	164	30	202	94	204	100
GSS07...	50		238	110	232	192	26	241	116	244	124

- Ensure that the strength of the shaft material is adequate in shrink disc designs.
  When using typical steels (e.g. C45, 42CrMo4), the torques listed in the selection tables can be used without restriction.
  When using material that is considerably weaker, please consult us. Medium surface roughness Rz must not exceed 15 µm (turning operation is sufficient).

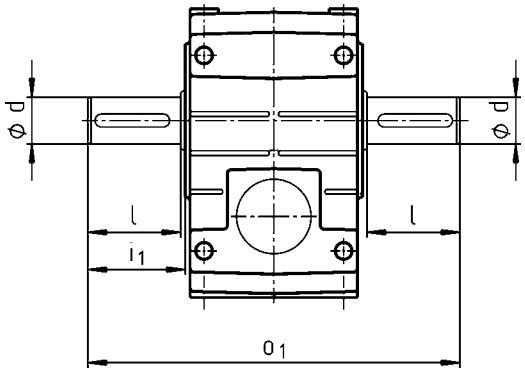


Hoseproof hollow shaft cover



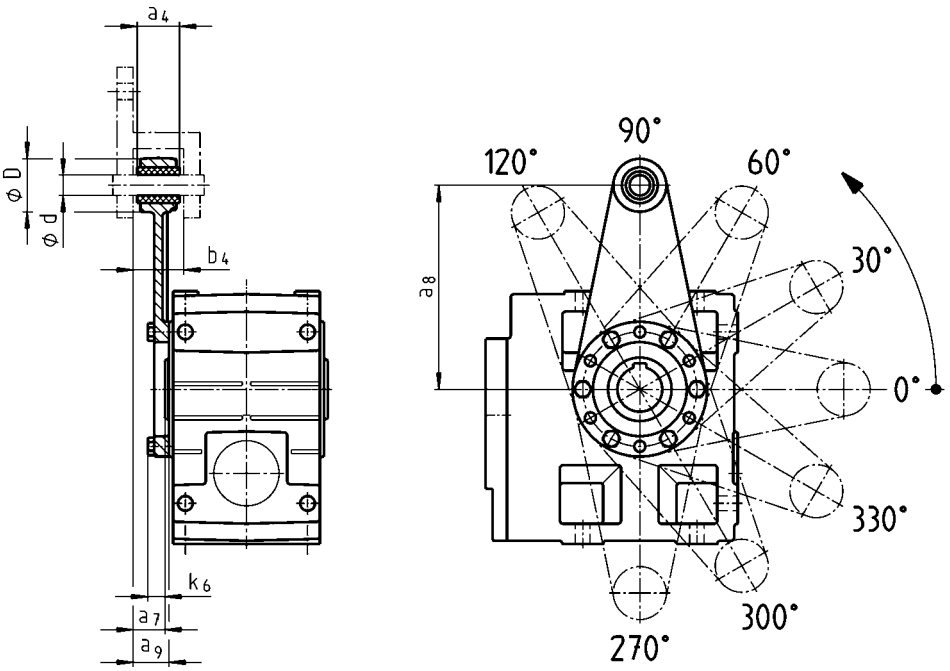
	Cover including seal
	k_{11}
GSS04...	9
GSS05...	10
GSS06...	11
GSS07...	

Gearbox with 2nd output shaft end

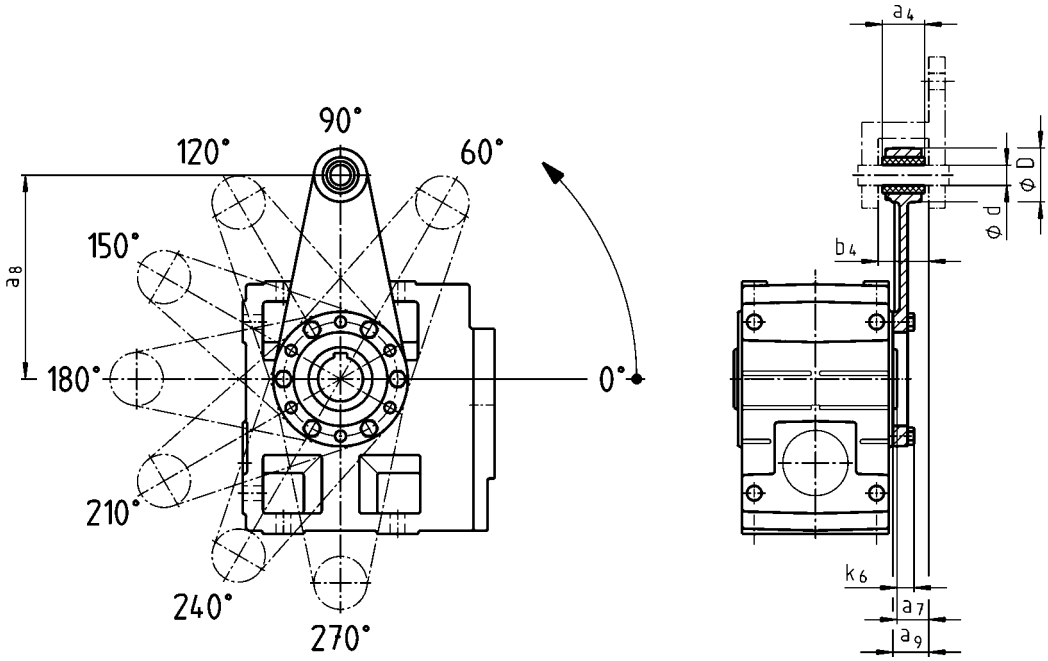


	d	l	i_1	o_1
GSS04...	25	50	52.5	215
GSS05...	30	60	64	260
GSS06...	40	80	85	320
GSS07...	50	100	105	400

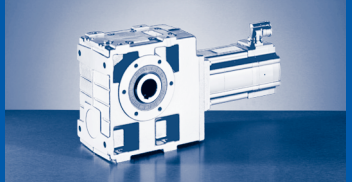
Torque plate at threaded pitch circle in position 3



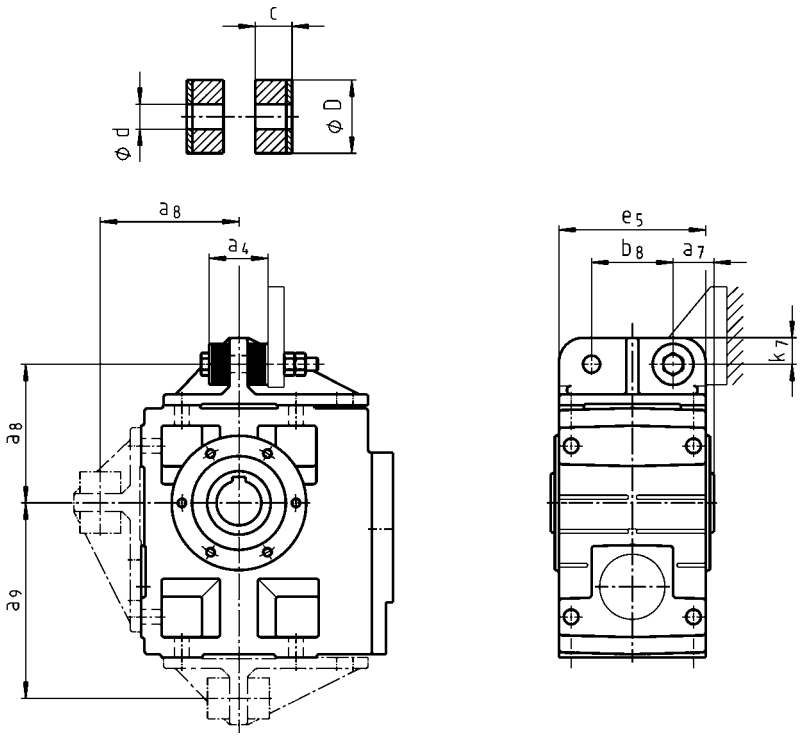
Torque plate at threaded pitch circle in position 5



	Installation space							
	a_7	b_4	a_4	a_8	a_9	d	D	k_6
GSS04...	24	34.5	30	130	26.5	12	35	16
GSS05...	23.5	38.5	34	160	27.5	16	45	15
GSS06...	28	44.5	40	200	33	20	50	18
GSS07...	32.5	50.5	46	250	37.5	25	65	21

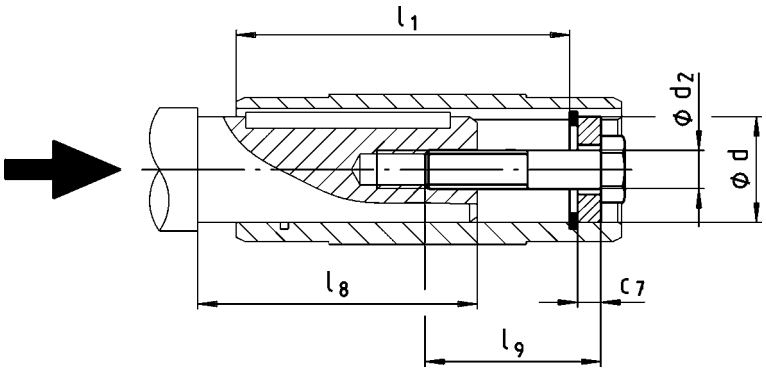


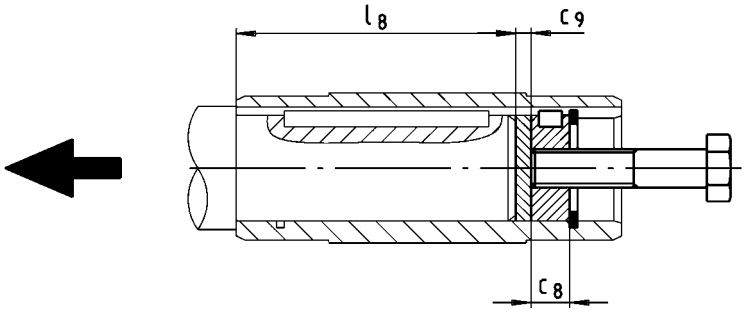
Torque plate at casing foot in position 2, 4 or 6



	a_4	a_7	a_8	a_9	b_8	c	d	D	e_5	k_7
GSS04...	41	27.5	106	135	60	14.5	11	30	100	20
GSS05...	45	35	115	160	70	15	13	40	127	25
GSS06...	72	40	145	195	80	27	17	50	145	28
GSS07...	78	50	170	240	100	28	21	60	180	35

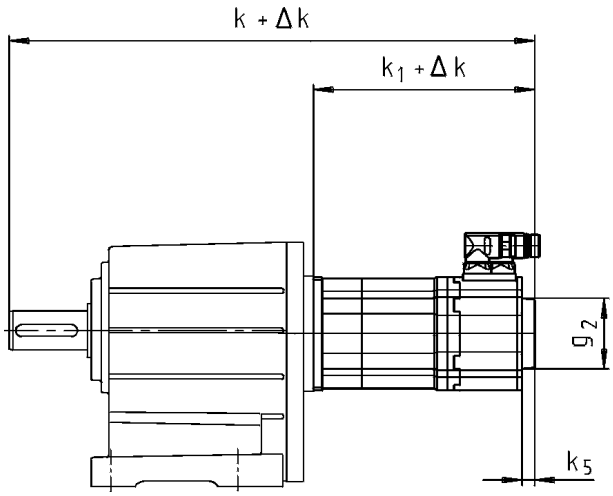
Mounting set for hollow shaft circlip
Proposed design for auxiliary tools





	Hollow shaft		Hollow shaft circlip mounting set (Assembly auxiliaries)			Auxiliary tools Disassembly		Machine shaft
	d	l_1	d_2	l_9	c_7	c_8	c_9	max l_8
	H7							
GSS04...	25	100	M10	40	5	10	3	85
	30				6			
GSS05...		124						107
	35		M12	50	7	12		
GSS06...	40	140	M16	60	8	16	4	118
	45				9			
GSS07...	50	175			10		5	148
	55		M20	80	11	20		



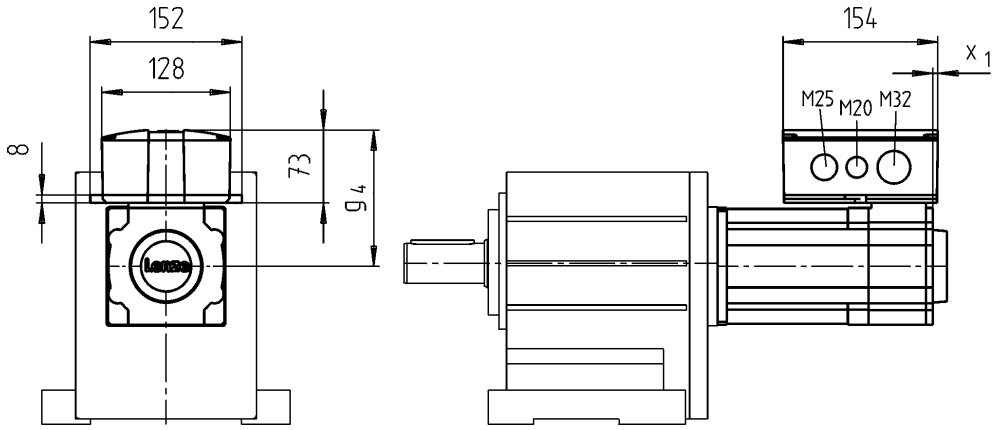


G□□...SRS / SRM / ECN / EQN / EQI / C20

		06C □41	06F □41	06I □41	09D □41	09F □38	09H □41	09L □41	12D □20	12D □41	12H □15	12H □30	12H □35	12L □20	12L □41
...SRS/SRM/ECN B0 ...EQN/EQI/C20 B0	Δ k	82			51				49						
...SRS/SRM/ECN P□ ...EQN/EQI/C20 P□	Δ k	100			71				69						
...S□□/E□□/C20	g_2	□ 86			Ø 81				Ø 89						
...SR□ / E□□ / C40	k_5	82			64				63						

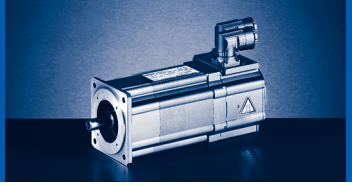
		14D □15	14D □36	14H □15	14H □32	14L □15	14L □32	14P □14	14P □32	19F □14	19F □30	19J □14	19J □30	19P □14	19P □30
...SRS/SRM/ECN B0 ...EQN/EQI/C20 B0	Δ k	50								49					
...SRS/SRM/ECN P□ ...EQN/EQI/C20 P□	Δ k	78								83		93			
...S□□/E□□/C20	g_2	Ø 101													
...SR□ / E□□ / C40	k_5	74								64					

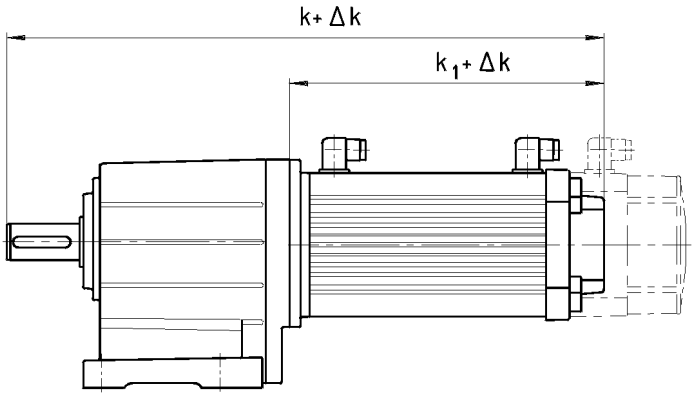
Terminal box for motor connection



	09D □41	09F □38	09H □41	09L □41	12D □20	12D □41	12H □15	12H □30	12H □35	12L □20	12L □41
g_4	121				136						
x_1	8				5						

	14D □15	14D □36	14H □15	14H □32	14L □15	14L □32	14P □14	14P □32	19F □14	19F □30	19J □14	19J □30	19P □14	19P □30
g_4	147								172					
x_1	3													



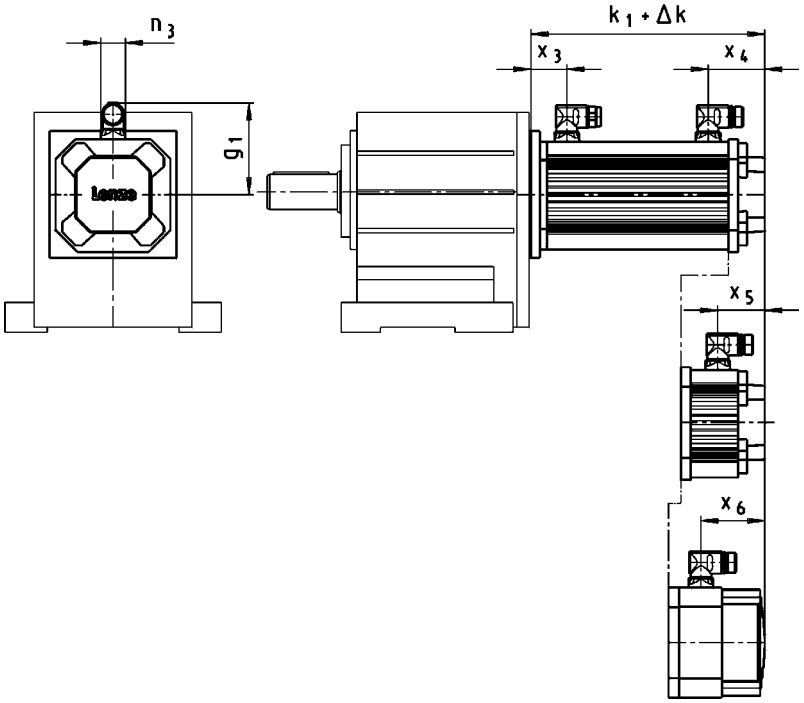


G□□...SRS / SRM / ECN / EQN / EQI / S20 / T20 / CDD

		10I □40 ...S00	13I □41 ...S00	13I □34 ...F10	14L □20 ...S00	14L □41 ...S00	14L □16 ...F10	14L □35 ...F10	17N □23 ...S00	17N □41 ...S00
...SRS/SRM/ECN/EQN B0 ...EQI/S20/T20/CDD B0	Δ k	54			55				54	
...SRS/SRM/ECN/EQN P□ ...EQI/S20/T20/CDD P□	Δ k	79	89		88				89	

		17N □17 ...F10	17N □35 ...F10	19S □23 ...S00	19S □42 ...S00	19S □17 ...F10	19S □35 ...F10	21X □25 ...S00	21X □42 ...S00	21X □17 ...F10	21X □35 ...F10
...SRS/SRM/ECN/EQN B0 ...EQI/S20/T20/CDD B0	Δ k	54		50				49			
...SRS/SRM/ECN/EQN P□ ...EQI/S20/T20/CDD P□	Δ k	89		88				91			

Connectors for motor connection



GST/GFL/GKR/GKS/GSS□□-□A

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
	k_1	258	267	335	307		369		346	
	g_1	90	102		109				118	
	n_3	28								
	x_6	-		73	-		67		-	
...RSO B0	Δ k	0								
	x_3	33	41		46				49	
	x_4	61	65	133	73		135		73	
...RSO P□	Δ k	25	35		33				35	
	x_3	55	68		73				81	
	x_4	61	65	133	73		135		73	
...SRS/SRM/ECN/EQN B0 ...EQI/S20/T20/CDD B0	Δ k	54			55				54	
	x_3	33	41		46				49	
	x_4	-	119	187	127		189		127	
	x_5	54	-							
...SRS/SRM/ECN/EQN P□ ...EQI/S20/T20/CDD P□	Δ k	79	89		88				89	
	x_3	55	68		73				81	
	x_4	-	119	187	127		189		127	
	x_5	54	-							

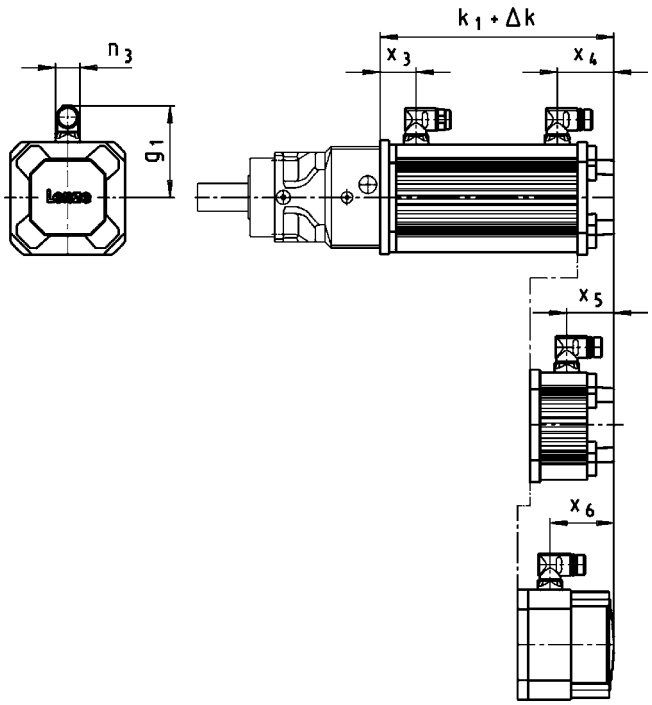


Connectors for motor connection

GST/GFL/GKR/GKS/GSS□□-□A

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
	k_1	435		408		505		479		575	
	g_1	118		161				172			
	n_3	28		45							
	x_6	95		-		103		-		96	
...RSO B0	Δ k	0									
	x_3	49		63				71			
	x_4	162		73		170		78		174	
...RSO P□	Δ k	35		38				42			
	x_3	81		98				111			
	x_4	162		73		170		78		174	
...SRS/SRM/ECN/EQN B0 ...EQI/S20/T20/CDD B0	Δ k	54		50				49			
	x_3	49		63				71			
	x_4	216		123		220		126		222	
	x_5	-									
...SRS/SRM/ECN/EQN P□ ...EQI/S20/T20/CDD P□	Δ k	89		88				91			
	x_3	81		98				111			
	x_4	216		123		220		126		222	
	x_5	-									

Connectors for motor connection



GPA□□-□A

		10I N40 ...S00	13I N41 ...S00	13I N34 ...F10	14L N20 ...S00	14L N41 ...S00	14L N16 ...F10	14L N35 ...F10	17N N23 ...S00	17N N41 ...S00
	k_1	262	271	339	302		364		340	
	g_1	90	102		109				118	
	n_3	28								
	x_6	-		73	-		67		-	
...RSO B0	Δ k	0								
	x_3	37	45		41				43	
	x_4	61	65	133	73		135		73	
...RSO P□	Δ k	25	35		33				35	
	x_3	59	72		68				75	
	x_4	61	65	133	73		135		73	
...SRS/SRM/ECN/EQN B0 ...EQI/S20/T20/CDD B0	Δ k	54			55				54	
	x_3	37	45		41				43	
	x_4	-	119	187	127		189		127	
	x_5	54	-							
...SRS/SRM/ECN/EQN P□ ...EQI/S20/T20/CDD P□	Δ k	79	89		88				89	
	x_3	59	72		68				75	
	x_4	-	119	187	127		189		127	
	x_5	54	-							

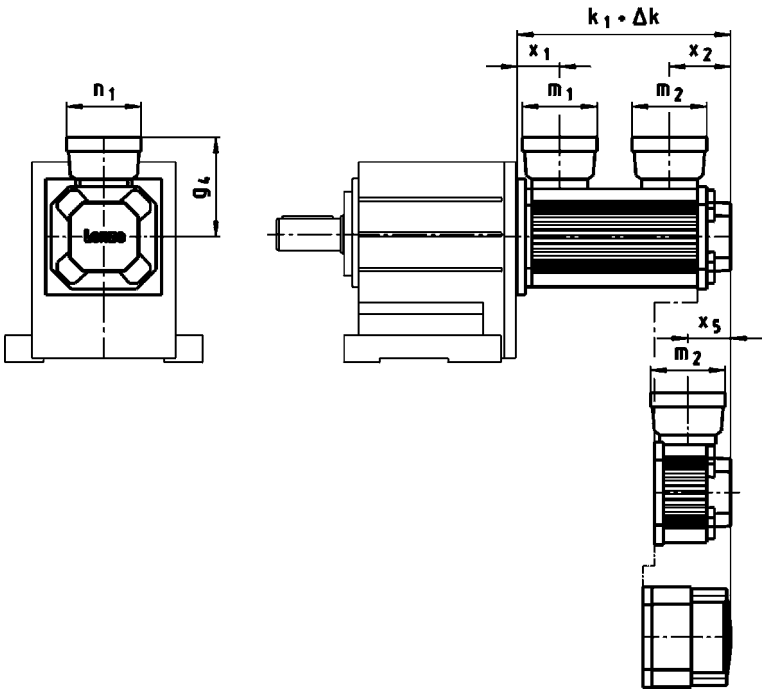


Connectors for motor connection

GPA□□-□A

		17N N17 ...F10	17N N35 ...F10	19S N23 ...S00	19S N42 ...S00	19S N17 ...F10	19S N35 ...F10	21X N25 ...S00	21X N42 ...S00	21X N17 ...F10	21X N35 ...F10
	k_1	429		401		498		470		566	
	g_1	118		161				172			
	n_3	28		45							
	x_6	95		-		103		-		96	
...RSO B0	Δ k	0									
	x_3	43		56				62			
	x_4	162		73		170		78		174	
...RSO P□	Δ k	35		38				42			
	x_3	75		91				102			
	x_4	162		73		170		78		174	
...SRS/SRM/ECN/EQN B0 ...EQI/S20/T20/CDD B0	Δ k	54		50				49			
	x_3	43		56				62			
	x_4	216		123		220		126		222	
	x_5	-									
...SRS/SRM/ECN/EQN P□ ...EQI/S20/T20/CDD P□	Δ k	89		88				91			
	x_3	75		91				102			
	x_4	216		123		220		126		222	
	x_5	-									

Terminal box for motor connection



GST/GFL/GKR/GKS/GSS□□-□A

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
	k_1	258	267	335	307		369		346	
	g_4	113	125		132				140	
	m_1	93								
	m_2	93								
	n_1	93								
	x_1	60	53		58				61	
...RSO B0	Δ k	0								
	x_2	78	77	145	85		147		85	
...RSO P□	Δ k	25	35		33				35	
	x_2	78	77	145	85		147		85	
...SRS/SRM/ECN/EQN B0 ...EQI/S20/T20/CDD B0	Δ k	54			55				54	
	x_2	-	131	199	139		201		139	
	x_5	50	-							
...SRS/SRM/ECN/EQN P□ ...EQI/S20/T20/CDD P□	Δ k	79	89		88				89	
	x_2	-	131	199	139		201		139	
	x_5	50	-							
Terminal box in position 2 Cable glands in position 5		1 x M16x1.5 1 x M20x1.5								



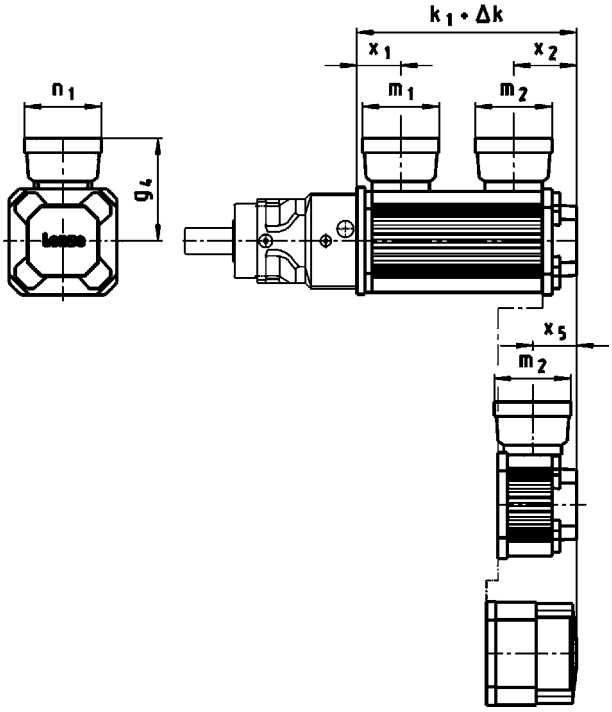
Terminal box for motor connection

GST/GFL/GKR/GKS/GSS□□-□A

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
	k_1	435		408		505		479		575	
	g_4	140		158				169			
	m_1	93		120							
	m_2	93		93 [1] 120 [2]		93		93 [1] 120 [2]		93	
	n_1	93		109							
	x_1	61		80				93			
...RSO B0	Δk	0									
	x_2	174		93 [1] 87 [2]		190		97 [1] 92 [2]		193	
...RSO P□	Δk	35		38				42			
	x_2	174		93 [1] 87 [2]		190		97 [1] 92 [2]		193	
...SRS/SRM/ECN/EQN B0 ...EQI/S20/T20/CDD B0	Δk	54		50				49			
	x_2	228		143 [1] 137 [2]		240		146 [1] 140 [2]		242	
	x_5	-									
...SRS/SRM/ECN/EQN P□ ...EQI/S20/T20/CDD P□	Δk	89		88				91			
	x_2	228		143 [1] 137 [2]		240		146 [1] 140 [2]		242	
	x_5	-									
Terminal box in position 2 Cable glands in position 5		1 x M16x1.5 1 x M20x1.5		1 x M16x1.5 [1] 1 x M20x1.5 [1] 1 x M25x1.5 [2] 1 x M32x1.5 [2]		1 x M16x1.5 1 x M20x1.5		1 x M16x1.5 [1] 1 x M20x1.5 [1] 1 x M25x1.5 [2] 1 x M32x1.5 [2]		1 x M16x1.5 1 x M20x1.5	

[1] IP 54
[2] IP 65

Terminal box for motor connection



GPA□□-□A

		10I N40 ...S00	13I N41 ...S00	13I N34 ...F10	14L N20 ...S00	14L N41 ...S00	14L N16 ...F10	14L N35 ...F10	17N N23 ...S00	17N N41 ...S00
	k_1	262	271	339	302		364		340	
	g_4	113	125		132				140	
	m_1	93								
	m_2	93								
	n_1	93								
	x_1	54	57		53				55	
...RSO B0	Δ k	0								
	x_2	78	77	145	85		147		85	
...RSO P□	Δ k	25	35		33				35	
	x_2	78	77	145	85		147		85	
...SRS/SRM/ECN/EQN B0 ...EQI/S20/T20/CDD B0	Δ k	54			55				54	
	x_2	-	131	199	139		201		139	
	x_5	50	-							
...SRS/SRM/ECN/EQN P□ ...EQI/S20/T20/CDD P□	Δ k	79	89		88				89	
	x_2	-	131	199	139		201		139	
	x_5	50	-							
Terminal box in position 2 Cable glands in position 5		1 x M16x1.5 1 x M20x1.5								



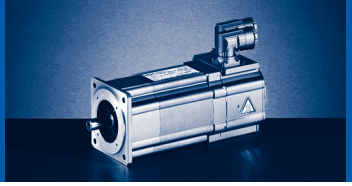
Terminal box for motor connection

GPA□□-□A

		17N N17 ...F10	17N N35 ...F10	19S N23 ...S00	19S N42 ...S00	19S N17 ...F10	19S N35 ...F10	21X N25 ...S00	21X N42 ...S00	21X N17 ...F10	21X N35 ...F10
	k_1	429		401		498		470		566	
	g_4	140		158				169			
	m_1	93		120							
	m_2	93		93 [1] 120 [2]		93		93 [1] 120 [2]		93	
	n_1	93		109							
	x_1	55		73				84			
...RSO B0	Δk	0									
	x_2	174		93 [1] 87 [2]		190		97 [1] 92 [2]		193	
...RSO P□	Δk	35		38				42			
	x_2	174		93 [1] 87 [2]		190		97 [1] 92 [2]		193	
...SRS/SRM/ECN/EQN B0 ...EQI/S20/T20/CDD B0	Δk	54		50				49			
	x_2	228		143 [1] 137 [2]		240		146 [1] 140 [2]		242	
	x_5	-									
...SRS/SRM/ECN/EQN P□ ...EQI/S20/T20/CDD P□	Δk	89		88				91			
	x_2	228		143 [1] 137 [2]		240		146 [1] 140 [2]		242	
	x_5	-									
Terminal box in position 2 Cable glands in position 5		1 x M16x1.5 1 x M20x1.5		1 x M16x1.5 [1] 1 x M20x1.5 [1] 1 x M25x1.5 [2] 1 x M32x1.5 [2]		1 x M16x1.5 1 x M20x1.5		1 x M16x1.5 [1] 1 x M20x1.5 [1] 1 x M25x1.5 [2] 1 x M32x1.5 [2]		1 x M16x1.5 1 x M20x1.5	

[1] IP 54
[2] IP 65







Lenze worldwide

Lenze SE
Postfach 10 13 52
D-31763 Hameln
Telefon +49 (0)51 54 / 82-0
Telefax +49 (0)51 54 / 82-28 00
E-Mail: Lenze@Lenze.de
Internet: www.Lenze.com

Lenze Automation GmbH

Grünstraße 36, D-40667 Meerbusch
Telefon +49 (0)21 32 / 99 04-0
Telefax +49 (0)21 32 / 7 21 90

Standort:
Hans-Lenze-Straße 1, D-31855 Aerzen
Postfach 101352, D-31763 Hameln
Telefon +49 (0)51 54 / 82-0
Telefax +49 (0)51 54 / 82-28 00

Standort:
Am Alten Bahnhof 11
D-38122 Braunschweig
Telefon +49 (0)531 / 80178-0
Telefax +49 (0)531 / 80178-20

Lenze Drives GmbH

Postfach 10 13 52, D-31763 Hameln
Breslauer Strasse 3, D-32699 Extertal
Telefon +49 (0)51 54 / 82-0
Telefax +49 (0)51 54 / 82-28 00

Lenze Operations GmbH

Postfach 10 13 52, D-31763 Hameln
Hans Lenze Straße 1, D-31855 Aerzen
Telefon +49 (0)51 54 / 82-0
Telefax +49 (0)51 54 / 82-28 00

Lenze GmbH & Co KG Anlagenbau

Buchenweg 1
D-31855 Aerzen
Telefon +49 (0)51 54 / 82-0
Telefax +49 (0)51 54 / 82-21 00

Lenze Service GmbH

Breslauer Straße 3
D-32699 Extertal

Mechanical Drives
Telefon +49 (0)51 54 / 82-16 26
Telefax +49 (0)51 54 / 82-13 96

Electronic Drives
Telefon +49 (0)51 54 / 82-11 11
Telefax +49 (0)51 54 / 82-11 12

Service Helpline
+49 (0)180 5 20 24 26

Lenze Verbindungstechnik GmbH

Ipf-Landesstraße 1
A-4481 ASTEN
Telefon +43 (0)72 24 / 210-0
Telefax +43 (0)72 24 / 210-998

Lenze DETO Drive Systems GmbH & Co KG

Untere Sparchen 16
A-6330 Kufstein
Telefon +43 (0)53 72 / 6 53 15-200
Telefax +43 (0)53 72 / 6 53 15-299

Schmidhauser AG

Obere Neustrasse 1
CH-8590 Romanshorn
Telefon +41 (0)71 466 11 11
Telefax +41 (0)71 466 11 10

encoway GmbH

Buschhöhe 2
D-28357 Bremen
Telefon +49 (0)4 21 /33003 - 500
Telefax +49 (0)4 21 /33003 - 555

DEUTSCHLAND/GERMANY

Lenze Vertrieb GmbH *

Ludwig-Erhard-Straße 52-56
D-72760 Reutlingen
Telefon +49 (0)71 21 / 9 39 39-0
Telefax +49 (0)71 21 / 9 39 39-29

Region Nord
HefeHof 25
31785 Hameln
Telefon (0 51 54) 82 44-0
Telefax (0 51 54) 82 44-44

Region West
Postfach 10 12 20
47497 Neukirchen-Vluyn
Kelvinstraße 7
47506 Neukirchen-Vluyn
Telefon (0 28 45) 95 93-0
Telefax (0 28 45) 95 93 93

Region Mitte/Ost
Postfach 1463
35724 Herborn
Austraße 81
35745 Herborn
Telefon (0 27 72) 95 94-0
Telefax (0 27 72) 95 94 94

Region Südwest
Postfach 14 33
71304 Waiblingen
Schänzle 8
71332 Waiblingen
Telefon (0 71 51) 9 59 81-0
Telefax (0 71 51) 9 59 81 50

Region Süd
Fraunhoferstraße 16
82152 Martinsried
Telefon (0 89) 89 56 14-0
Telefax (0 89) 89 56 14 14

WELTWEIT/WORLDWIDE

ALGERIA

see FRANCE

ARGENTINA *

E.R.H.S.A.
Girardot 1368, 1427 BUENOS AIRES
Phone +54 (0)11 / 45 54 32 32
Telefax +54 (0)11 / 45 52 36 11

AUSTRALIA *

FCR Motion Technology Pty. Ltd.
Unit 6, Automation Place
38-40 Little Boundary Rd.
LAVERTON NORTH, Vic. 3026
Phone +61 (3) 9362 6800
Telefax +61 (3) 9314 3744

AUSTRIA *

Lenze Antriebstechnik GmbH
Ipf-Landesstraße 1
4481 ASTEN
Phone +43 (0)7224 / 210-0
Telefax +43 (0)7224 / 210-999

Office Dornbirn:
Lustenauer Straße 64
6850 DORNBIRN
Phone +43 (0)7224 / 210-0
Telefax +43 (0)7224 / 210-7299

Office Wr. Neudorf:
Triester Straße 14/109
2351 WR. NEUDORF
Phone +43 (0)7224 / 210-0
Telefax +43 (0)7224 / 210-7099

Office Graz:
Seering 8
8141 UNTERPREMSTÄTTEN
Phone +43 (0)7224 / 210-0
Telefax +43 (0)7224 / 210-7199

Lenze Verbindungstechnik GmbH
Ipf-Landesstraße 1
4481 ASTEN
Phone +43 (0)7224 / 210-0
Telefax +43 (0)7224 / 210-998

Lenze Anlagentechnik GmbH
Mühlenstraße 3
4470 ENNS
Phone +43 (0)7224 / 210-0
Telefax +43 (0)7224 / 210-997

BELARUS

see POLAND

BELGIUM *

Lenze b.v.b.a
Industriepark Noord, 19.
9100 SINT-NIKLAAS
Phone +32 (0)3.542.62.00
Telefax +32 (0)3.541.37.54

BOSNIA-HERZEGOVINA

see AUSTRIA

BRAZIL *

Lenze Brasil Automação Ltda.
Rua Conde Moreira Lima 589
CEP 04384-030
SÃO PAULO/SP – Brasil
Phone +55 11 2348-6579
Telefax +55 11 2348-6573

Produtos Eletrônicos Metaltex Ltda (Focus on Sales)
Rua José Rafaelli, 221
Socorro, CEP 04763-280
SÃO PAULO/SP – Brasil
Phone +55 11 56 83 57 00
Telefax +55 11 55 24 23 24

BULGARIA

Lenze Zadvizhvasta Tehnika EOOD
Bul. Maritza 21, Office 204
4003 PLOVDIV
Phone +359 / 32 / 940 373
Telefax +359 / 32 / 940 349

CANADA *

Lenze Canada Corporation
1535 Meyerside Drive, Unit 1
Mississauga, ON L5T 1M9 CANADA
Phone +1 (508) 278-9100
Telefax +1 (508) 278-7873

CENTRAL AMERICA

see Americas HQ

CHILE

Sargent S.A.
Tecnica Thomas C. Sargent
Av. Gral. Velásquez 5720, San Bernardo
SANTIAGO – CHILE
Phone +56 (0)2 / 51 03 000
Telefax +56 (0)2 / 69 83 989

CHINA *

Lenze Drive Systems (Shanghai) Co. Ltd.
No. 2989, Jiangshan Road
Lingang, Shanghai 201306
CHINA
Phone +86 21 3828 0200
Telefax +86 21 3828 0250

COLOMBIA

Casa Sueca, S.A.
Calle 52 1N-74
CALI
Phone +57 -2- 682 0444
Telefax +57 -2- 683 1411

CROATIA

Lenze mehatronika-pogonska tehnika d.o.o.
Ulica grada Gospića 3
HR-10000 ZAGREB
Phone +385 1 249-8056
Telefax +385 1 249-8057

CZECH REPUBLIC

Lenze, s.r.o.
Central Trade Park D1
396 01 HUMPOLEC
Phone +420 565 507-111
Telefax +420 565 507-399

Büro Červený Kostelec:
17. listopadu 510
549 41 ČERVENÝ KOSTELEC
Phone +420 491 467-111
Telefax +420 491 467-166

DENMARK *

Lenze A/S
Vallensbækvej 18A
2605 BRØNDBY
Phone +45 / 4696 6666
Telefax +45 / 4696 6660
24 stunde service +45 / 5251 6699

Buero Jylland: Lenze A/S
Niels Bohrs Vej 23
8660 SKANDERBORG
Phone +45 / 46 96 66 88
Telefax +45 / 46 96 66 80

EGYPT

WADI Co. for technologies and development
P.O.Box 209, new center Ramses
11794 CAIRO, Egypt
11 Syria St., Mohandessin
GIZA, Egypt
Phone +2 (02) 3347 6842
Telefax +2 (02) 3347 6843

ESTONIA

see FINLAND

FINLAND *

Lenze Drives
Tierankatu 8, 20520 TURKU
Phone +358 2 2748 180
Telefax +358 2 2748 189

FRANCE *

Lenze S.A.
Siège
ZI des Mardelles
44 Rue Blaise Pascal
93600 AULNAY-SOUS-BOIS

Services Commerciaux
Phone 0 825 086 036
Telefax 0 825 086 346

Centre de formation
E-Mail : semin.sidonie@lenze.fr

Questions générales / documentation
E-Mail : info@lenze.fr

Service Après-vente / assistance en ligne
Helpline 24/24 : 0 825 826 117
E-Mail : helpline@lenze.fr

Agences en France
Région France Nord :
ZI des Mardelles
44 Rue Blaise Pascal
93600 AULNAY-SOUS-BOIS

Nantes
44000 NANTES

Strasbourg
67870 GRIESHEIM près MOLSHEIM

Rouen
76500 ELBEUF

Région France Sud :
Parc Technologique
97, allée Alexandre Borodine
Immeuble le Douglas 2
69800 SAINT PRIEST

Agen
47270 SAINT-PIERRE de CLAIRAC

GREECE

GEORGE P. ALEXANDRIS SA
12, K. Mavromichali Street
18545 PIRAEUS
Phone +30 210 41 11 841
Telefax +30 210 41 27 058

Industrial Area, Block 48B, 4th Entrance
57022 SINDOS
Phone +30 2310 556 650
Telefax +30 2310 511 815

HUNGARY *

Lenze Hajtástechnika Kft
2040 BUDAÖRS
Gyár utca 2., P.O.Box 322.
Phone +36 (0)23 / 501-320
Telefax +36 (0)23 / 501-339

ICELAND

see DENMARK



INDIA

Lenze Mechatronics Pvt. Ltd.
Lenze Plot No. 46A, Sector-10
PCNTDA Industrial Area, Bhosari
PUNE - 411 026
Phone +91-20-66318100
Telefax +91-20-66318120

Kolkata Sales office
2nd Floor, 3/1 Ashton Road
KOLKATA - 700020
Phone +91-33-24190490
Telefax +91-33-24190562

New Delhi Sales office
Flat No - 101, Padma Tower - II
22, Rajendra Place
NEW DELHI - 110008
Phone +91-11-25812113/15
Telefax +91-11-25812114

INDONESIA

see MALAYSIA

IRAN

Tavan Ressan Co.
No.5, Alizadeh Alley,
North Bahar Str.,
Sadr Highway,
Tehran-1931813556-Iran
P.O. Box 19395-5177 Teh-IR
Phone +98 21 / 2769 4444
Telefax +98 21 / 222 444 00

ISRAEL *

Zeev Melcer LTD
P.O.B. 10011, HAIFA BAY 26110
36 Yosef Levi St., Kiriat Bialik
Phone +972-(0)4-8757037
Telefax +972-(0)4-8742172

ITALY *

Lenze Italia S.r.l.
Viale Monza 338, 20128 MILANO
Phone +39 02 / 270 98.1
Telefax +39 02 / 270 98 290

JAPAN *

Miki Pulley Co., Ltd.
1-39-7 Komatsubara, Zama-city
KANAGAWA 228-8577
Phone +81 (0)462 / 58 16 61
Telefax +81 (0)462 / 58 17 04

LATVIA

see LITHUANIA

LEBANON

I. Network Automation s.a.l.
Ground floor - United insurance building
Facing Mercedes Show room
Dora - High Way, BEIRUT-METEN
P.O.Box 835 - Jounieh - Lebanon
Phone +961-1-249562
Telefax +961-1-249563

LITHUANIA

Lenze UAB
Breslaujos g.3, 44403 KAUNAS
Phone +370 37 407174
Telefax +370 37 407175

LUXEMBOURG *

see BELGIUM

MACEDONIA

Lenze Antriebstechnik GmbH
Pretstavnistvo Skopje
ul. Nikola Rusinski 3/A/2, 1000 SKOPJE
Phone +389 2 30 90 090
Telefax +389 2 30 90 091

MALAYSIA

Lenze S.E.A. Sdn Bhd
No. 28 Jalan PJU 3/47
Sunway Damansara, Technology Park
47810 PETALING JAYA
SELANGOR DARUL EHSAN
Phone +60 3 7803 1428
Telefax +60 3 7806 3728

MAURITIUS

Automation & Controls Engineering Ltd
3, Royal Road, Le Hochet, Terre Rouge
MAURITIUS
Phone +230 248 8211
Telefax +230 248 8968

MEXICO

Sales:
see AMERICAS HQ

Service:
Automatización y Control de Energía S.A. de C.V.
Av. 2 No.89 Esq Calle 13
Col. San Pedro de los Pinos
C.P. 03800 MEXICO D.F.
Phone +52 55 2636-3540
Fax +52 55 2636-3541

MONTENEGRO

see MACEDONIA

MOROCCO

GUORFET G.T.D.R
Automatisation Industrielle
Bd Chefchaouni Route 110 km, 11.500
No. 353-Aîn-Sabaâ
CASABLANCA
Phone +212/22-35 70 78
Telefax +212/22-35 71 04

NETHERLANDS *

Lenze B.V., Postbus 31 01
5203 DC 's-HERTOGENBOSCH
Ploegweg 15
5232 BR 's-HERTOGENBOSCH
Phone +31 (0)73 / 64 56 50 0
Telefax +31 (0)73 / 64 56 51 0

NEW ZEALAND *

Tranz Corporation
343 Church Street
P.O. Box 12-320, Penrose
AUCKLAND
Phone +64 (0)9 / 63 45 51 1
Telefax +64 (0)9 / 63 45 51 8

NORWAY *

Dtc- Lenze as
Stallbakken 5, 2005 RAELINGEN
Phone +47 / 64 80 25 10
Telefax +47 / 64 80 25 11

PHILIPPINES

see MALAYSIA

POLAND

Lenze Polska Sp. z o.o.
Ul. Roździeńskiego 188b
40-203 KATOWICE
Phone +48 (0) 32 203 97 73
Telefax +48 (0) 32 781 01 80

Torun Office
Lenze Polska Sp. z o.o.
Ul. Rydygiera 47
87-100 TORUŃ
Phone +48 (0) 56 658 28 00
Telefax +48 (0) 56 645 33 56

PORTUGAL *

Costa Leal el Victor
Electronica-Pneumatica, Lda.
Rua Prof. Augusto Lessa, 269,
Apart. 52053
4202-801 PORTO
Phone +351-22 / 5 50 85 20
Telefax +351-22 / 5 02 40 05

ROMANIA

see AUSTRIA

RUSSIA

OOO Lenze
Shchelkovskoye shosse 5
105122 MOSCOW
Phone +7 495 921 3250
Telefax +7 495 921 3259

SERBIA

see MACEDONIA

SINGAPORE *

see MALAYSIA

SLOVAC REPUBLIC

ECS Sluzby spol. s.r.o.
Staromlynska 29
82106 BRATISLAVA
Phone +421 2 45 25 96 06
+421 2 45 64 31 47
+421 2 45 64 31 48
Telefax +421 2 45 25 96 06

SLOVENIA

LENZE GmbH, Asten, Avstrija
Podružnica Celje
Kidričeva 24
3000 CELJE
Phone +386 03 426 46 40
Telefax +386 03 426 46 50

SOUTH AFRICA *

S.A. Power Services (Pty.) Ltd.
Unit 14, Meadowbrook Business Estates
Jacaranda Ave, Olivedale
Randburg 2158, P.O.Box 1137
RANDBURG 2125
Phone +27(11) 462-8810
Telefax +27(11) 704-5775

SOUTH KOREA *

Lenze Representative Office
No. 606, Daeryung Technotown 6th,
493-6, Gasan-dong, Geumcheon-gu,
SEOUL 153-774
Phone +82 2-792-7017
Telefax +82 2-792-7018

SPAIN *

Lenze Transmisiones S.A.
Edificio TCA
C/ Henri Dunant, 9.
08173 SANT CUGAT DEL VALLÈS
(Barcelona)
Phone 902 02 79 04
(0034) 937 207 680
Telefax 902 02 63 69

Lenze Delegación Norte
Phone 902 02 79 04
(0034) 937 207 680

Lenze Delegación Levante
Cullera, 73- 4ºD
46035 BENIMAMET (Valencia)
Phone 902 02 79 04
(0034) 937 207 680
Telefax 902 02 63 69

Lenze Delegación Madrid
C/ Poema Sinfónico Nº 25-27
Local nº 3, escalera 1, Planta Baja.
28054 MADRID
Phone 915 103 341
Telefax 915 102 061

SWEDEN *

Lenze Transmissioner AB
P.O.Box 10 74, Attorpsgatan, Tornby Ind.
58110 LINKÖPING
Phone +46 (0)13 / 35 58 00
Telefax +46 (0)13 / 10 36 23

SWITZERLAND *

Lenze Bachofen AG
Ackerstrasse 45
8610 USTER
Phone +41 (0) 43 399 14 14
Telefax +41 (0) 43 399 14 24

Vente Suisse Romande:
Route de Prilly 25
1023 CRISSIER
Phone +41 (0)21 / 63 72 19 0
Telefax +41 (0)21 / 63 54 76 2

SYRIA

Zahabi Co.
8/5 Shouhadaa Street
P.O.Box 8262
ALEPPO-SYRIA
Phone +963 21 21 22 23 5
Telefax +963 21 21 22 23 7

TAIWAN *

Lenze Taiwan Representative Office
6F.-1, No.136, Sec. 3, Zhongxiao E. Rd.
TAIPEI City, 10655, Taiwan
Phone +886 / (0)2-2721-2161
Telefax +886 / (0)2-2721-2706

THAILAND

see MALAYSIA

TUNESIA

AMF Industrielle Sarl
Route de Gremda - Km 0,2
Immeuble El Madina,
Centre Bloc B - 5 ème - appt 52
3002 SFAX
Phone +216 74 403 514
Telefax +216 74 402 516

TURKEY

LSE Elektrik
Elektronik Makina
Otomasyon Mühendislik
Sanayi ve Ticaret Ltd. Şti
Atatürk mah. Cumhuriyet cad.
Yurt sok. No: 7
ÜMRANIYE/İSTANBUL
Phone +90 (0)216 / 316 5138 pbx
Telefax +90 (0)216 / 443 4277

UKRAINE

SV Altera, Ltd.
Lepse ave., 4
KIEV, 03067
Phone +38 044 496 18 88
Telefax +38 044 496 18-18

UNITED ARAB EMIRATES

LPT (FZC)
X4 Building No. 37
Sharjah Airport Free Zone (SALF ZONE)
SHARJAH
Phone +971 6 5573205
Telefax +971 6 5573206

UNITED KINGDOM/EIRE *

Lenze Ltd.
Fraser Road
Priory Business Park
BEDFORD MK44 3WH
Phone +44 (0)1234 / 75 32 00
Telefax +44 (0)1234 / 75 32 20

USA *

AMERICAS HQ
Lenze Americas Corporation
630 Douglas Street
UXBRIDGE, MA 01569
Phone +1 508 278 9100
Telefax +1 508 278 7873

Sales:
see Americas HQ

Operations:
Lenze AC Tech Corporation
630 Douglas Street
UXBRIDGE, MA 01569
Phone +1 508 278 9100
Telefax +1 508 278 9294

Lenze DETO Drive Systems
see Americas HQ

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www.Lenze.com

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