

Permissible radial and axial forces at output

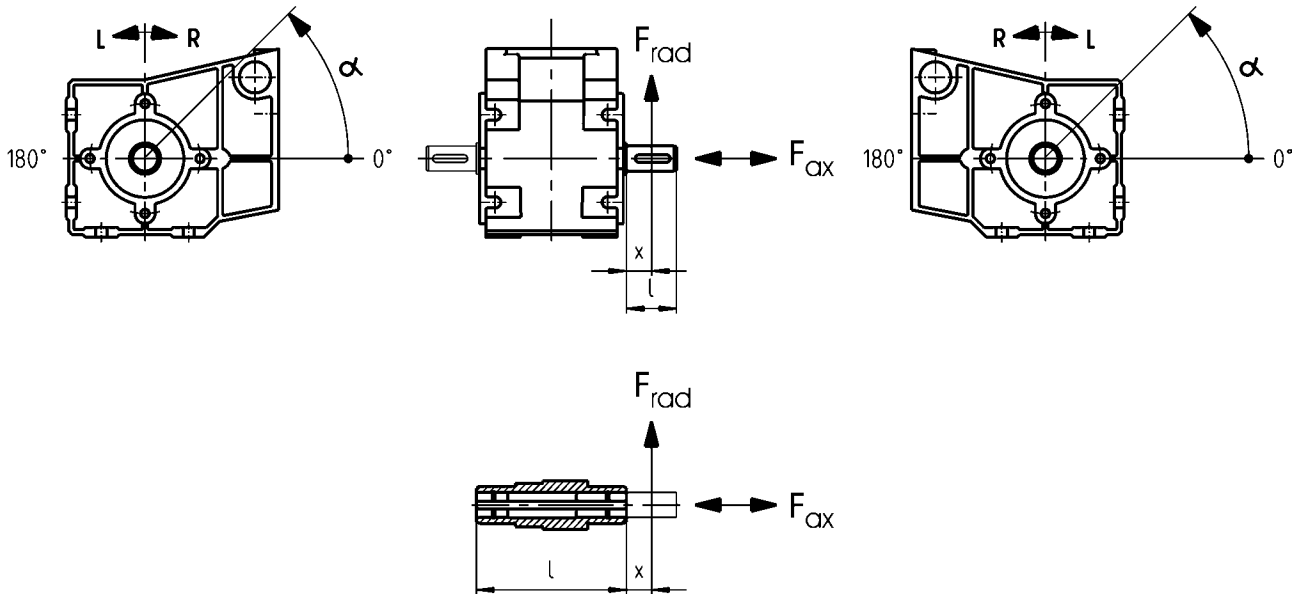
Permissible radial force

$$F_{rad,per} = \min(f_w \times f_\alpha \times F_{rad,max} ; f_w \times F_{rad,max} \text{ at } n_2 \leq 16 \text{ r/min})$$

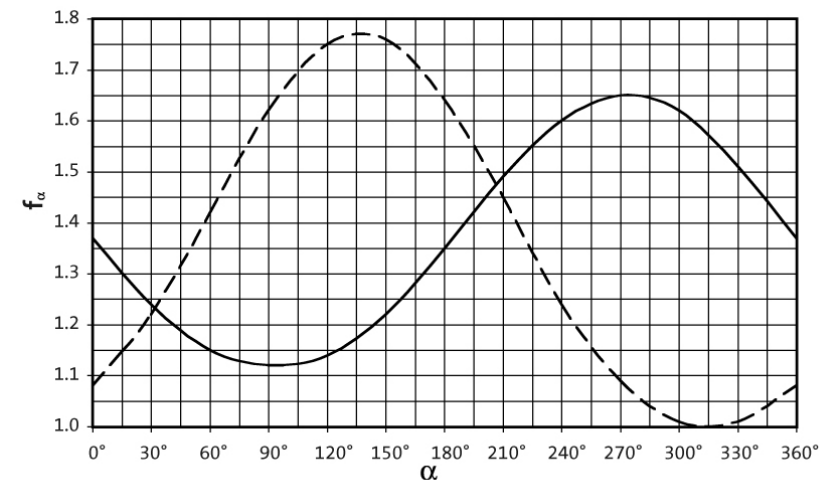
Permissible axial force

$$F_{ax,per} = F_{ax,max} \text{ if } F_{rad} = 0$$

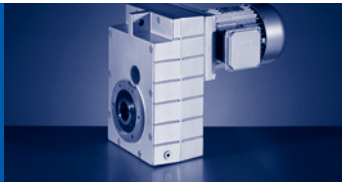
If F_{rad} and $F_{ax} \neq 0$; please contact Lenze.



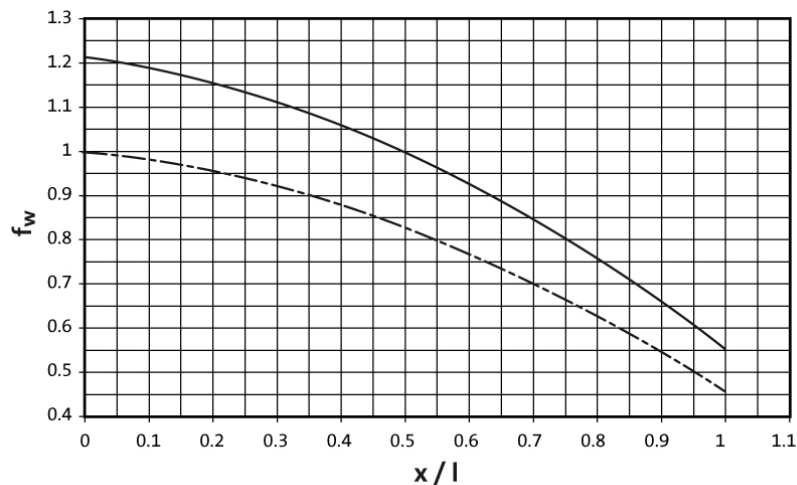
Effective direction factor f_α at output shaft



—— Direction of rotation L
- - - Direction of rotation R



Additional load factor f_w at output shaft



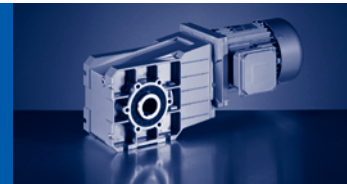
—— Solid shaft (V□□)

- · - Hollow shaft (H□□)

GKR□□-2□ H□□

Size	n_2 [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
Max. radial force, Hollow shaft										
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	900	1200	2200	2500	2800	3000	3000	3000	3000	3000
GKR04	1000	2200	2550	3000	3300	3600	3600	3600	3600	3600
GKR05	1500	2250	3800	4500	5100	6200	7400	7800	7800	7800
GKR06	3000	3800	5000	5200	5500	7000	9000	10000	10000	10000
Max. axial force, Hollow shaft										
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	600	800	1000	1100	1250	1400	1400	1400	1400	1400
GKR04	700	1000	1275	1500	1650	1800	1800	1800	1800	1800
GKR05	1100	1500	1900	2200	2500	3100	3700	3900	3900	3900
GKR06	1500	2000	2500	2600	2750	3500	4500	5000	5000	5000

- ▶ Application of force F_{rad} : at hollow shaft end face ($x = 0$)
- ▶ $F_{ax,max}$ only valid with $F_{rad} = 0$
- ▶ Neither radial nor axial forces are permissible for the hollow shaft with shrink disc (S□□).



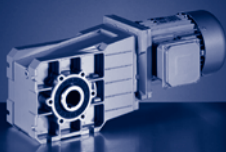
GKR□□-2□ V□R

Size	n ₂ [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
Max. radial force, Solid shaft without flange										
	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	900	1200	1800	2100	2400	2800	3000	3000	3000	3000
GKR04	1000	1800	2100	2500	2700	3000	3000	3000	3000	3000
GKR05	1500	2350	3000	3600	4500	5000	6000	6500	6500	6500
GKR06	2000	2800	4000	4200	4500	5600	7300	8600	9000	9000
Max. axial force, Solid shaft without flange										
	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	600	800	1000	1100	1250	1400	1400	1400	1400	1400
GKR04	700	1000	1275	1500	1650	1800	1800	1800	1800	1800
GKR05	1100	1520	1900	2200	2500	3100	3700	3900	3900	3900
GKR06	1500	2000	2500	2600	2750	3500	4500	5000	5000	5000

GKR□□-2□ V□K

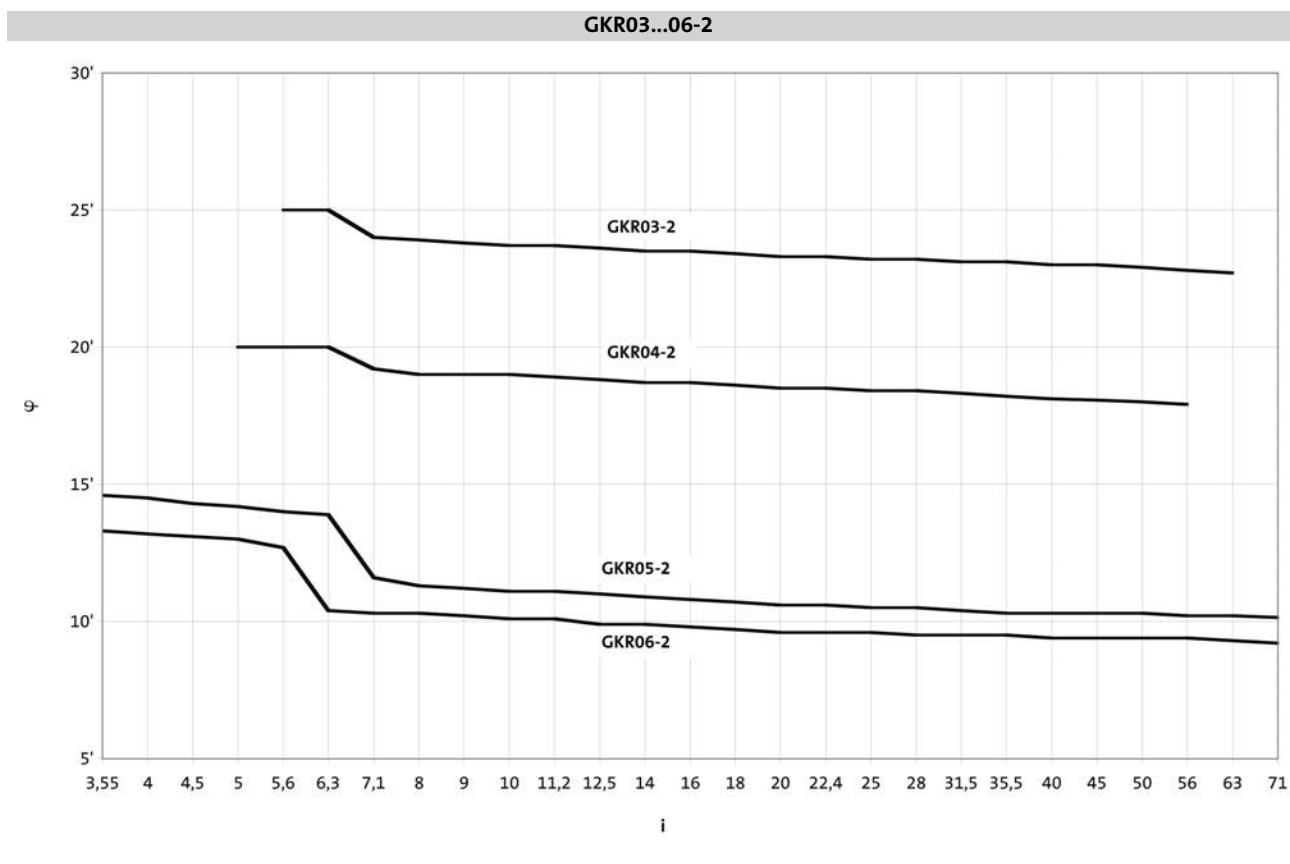
Size	n ₂ [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
Max. radial force, Solid shaft with flange										
	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}	F _{rad,max}
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	900	1200	1800	2100	2400	2800	3000	3000	3000	3000
GKR04	1000	1800	2100	2500	2700	3000	3000	3000	3000	3000
GKR05	2400	3600	5200	6000	6500	6500	6500	6500	6500	6500
GKR06	3000	4000	5500	6200	7000	9000	9000	9000	9000	9000
Max. axial force, Solid shaft with flange										
	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}	F _{ax,max}
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GKR03	600	800	1000	1100	1250	1400	1400	1400	1400	1400
GKR04	700	1000	1275	1500	1650	1800	1800	1800	1800	1800
GKR05	1100	1500	1900	2200	2500	3100	3700	3900	3900	3900
GKR06	1500	2000	2500	2600	2750	3500	4500	5000	5000	5000

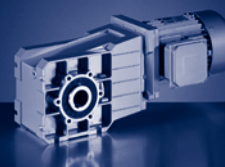
- ▶ Application of force F_{rad}: centre of shaft journal (x = l/2)
- ▶ F_{ax,max} only valid with F_{rad} = 0



Output backlash in angular minutes

- Backlash ϕ depending on ratio i





GKR□□-2

- Moment of inertia (J) depending on ratio i

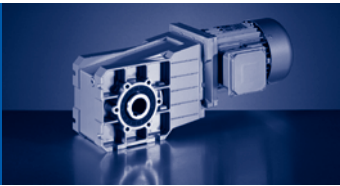
Gearbox			GKR03
5.411	J	[kgcm ²]	0.307
6.222	J	[kgcm ²]	0.276
7.111	J	[kgcm ²]	0.196
8.178	J	[kgcm ²]	0.178
9.101	J	[kgcm ²]	0.134
10.466	J	[kgcm ²]	0.123
11.640	J	[kgcm ²]	0.086
13.386	J	[kgcm ²]	0.079
15.111	J	[kgcm ²]	0.059
17.378	J	[kgcm ²]	0.055
19.365	J	[kgcm ²]	0.038
22.270	J	[kgcm ²]	0.054
25.051	J	[kgcm ²]	0.025
28.808	J	[kgcm ²]	0.023
32.593	J	[kgcm ²]	0.016
37.481	J	[kgcm ²]	0.015
42.222	J	[kgcm ²]	0.010
48.556	J	[kgcm ²]	0.009
53.889	J	[kgcm ²]	0.006
61.972	J	[kgcm ²]	0.006

Gearbox			GKR04
5.185	J	[kgcm ²]	0.813
5.963	J	[kgcm ²]	0.723
7.111	J	[kgcm ²]	0.446
8.178	J	[kgcm ²]	0.410
9.101	J	[kgcm ²]	3.270
10.466	J	[kgcm ²]	0.300
11.449	J	[kgcm ²]	0.260
12.698	J	[kgcm ²]	1.990
14.603	J	[kgcm ²]	0.181
15.556	J	[kgcm ²]	1.470
17.889	J	[kgcm ²]	0.135
19.556	J	[kgcm ²]	0.096
22.489	J	[kgcm ²]	0.090
25.185	J	[kgcm ²]	0.065
28.963	J	[kgcm ²]	0.060
31.919	J	[kgcm ²]	0.042
36.707	J	[kgcm ²]	0.040
40.000	J	[kgcm ²]	0.029
46.000	J	[kgcm ²]	0.027
52.698	J	[kgcm ²]	0.017
60.603	J	[kgcm ²]	0.017

Gearbox			GKR05
3.565	J	[kgcm ²]	4.950
4.889	J	[kgcm ²]	2.793
6.257	J	[kgcm ²]	1.791
6.883	J	[kgcm ²]	2.572
7.817	J	[kgcm ²]	2.316
9.440	J	[kgcm ²]	1.531
10.720	J	[kgcm ²]	1.396
12.081	J	[kgcm ²]	1.021
13.216	J	[kgcm ²]	0.874
13.719	J	[kgcm ²]	0.938
15.008	J	[kgcm ²]	0.805
16.857	J	[kgcm ²]	0.597
19.143	J	[kgcm ²]	0.554
20.650	J	[kgcm ²]	0.439
23.450	J	[kgcm ²]	0.411
26.878	J	[kgcm ²]	0.270
30.522	J	[kgcm ²]	0.253
33.433	J	[kgcm ²]	0.191
37.967	J	[kgcm ²]	0.180
43.267	J	[kgcm ²]	0.118
49.133	J	[kgcm ²]	0.112
52.510	J	[kgcm ²]	0.085
59.630	J	[kgcm ²]	0.081
67.113	J	[kgcm ²]	0.054
76.213	J	[kgcm ²]	0.051

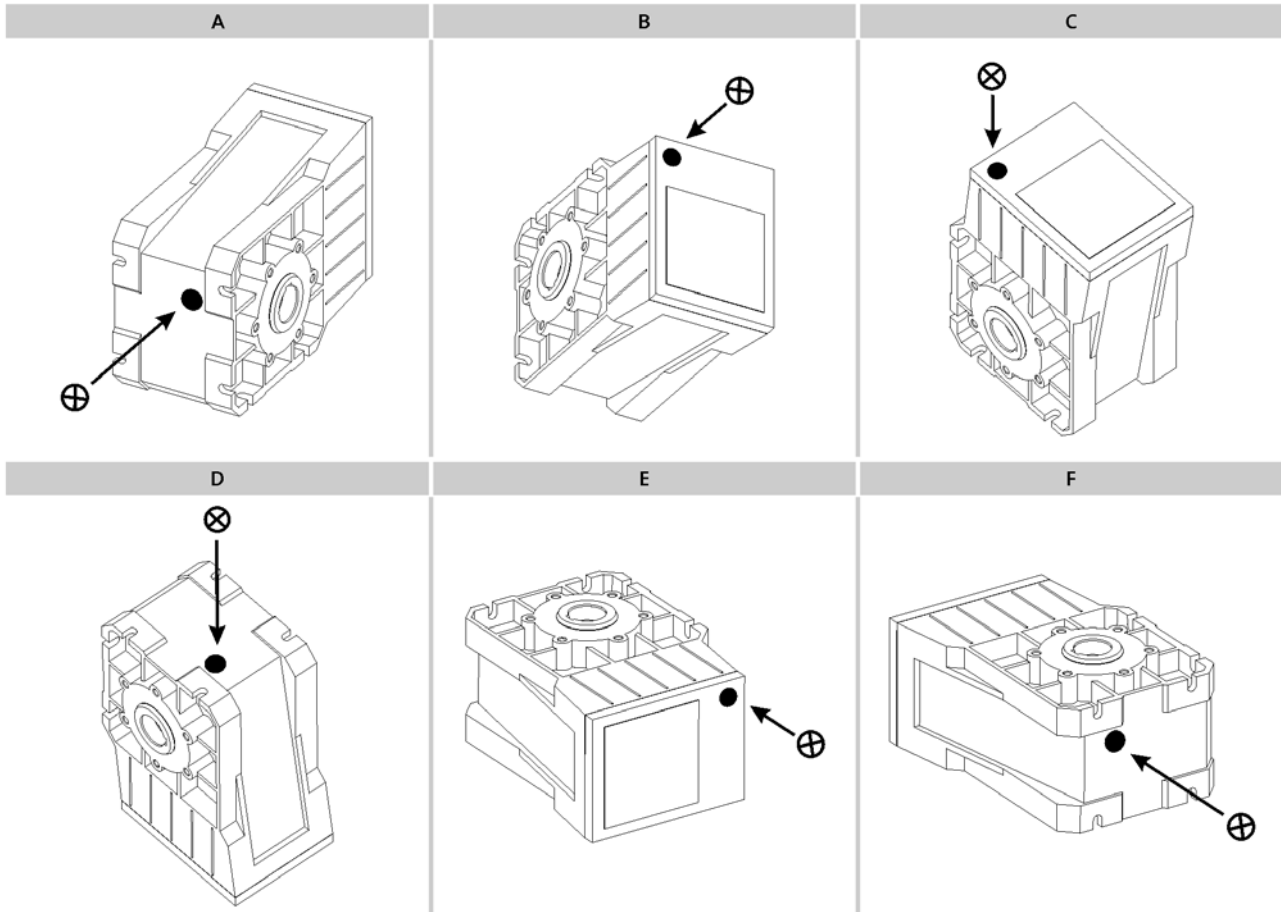
Gearbox			GKR06
3.431	J	[kgcm ²]	9.576
4.706	J	[kgcm ²]	5.607
6.022	J	[kgcm ²]	3.658
6.481	J	[kgcm ²]	5.112
7.146	J	[kgcm ²]	4.539
8.889	J	[kgcm ²]	3.233
9.800	J	[kgcm ²]	2.929
11.376	J	[kgcm ²]	2.209
12.444	J	[kgcm ²]	1.890
13.720	J	[kgcm ²]	1.734
15.873	J	[kgcm ²]	1.321
17.500	J	[kgcm ²]	1.225
19.444	J	[kgcm ²]	0.991
21.438	J	[kgcm ²]	0.928
25.309	J	[kgcm ²]	0.632
27.903	J	[kgcm ²]	0.594
31.481	J	[kgcm ²]	0.457
34.708	J	[kgcm ²]	0.432
40.741	J	[kgcm ²]	0.284
44.917	J	[kgcm ²]	0.270
49.444	J	[kgcm ²]	0.207
54.513	J	[kgcm ²]	0.197
62.500	J	[kgcm ²]	0.134
68.906	J	[kgcm ²]	0.127

- The moments of inertia relate to the drive shaft of the gearbox.
- The total moment of inertia is calculated by adding the values of gearbox, motor and accessories.

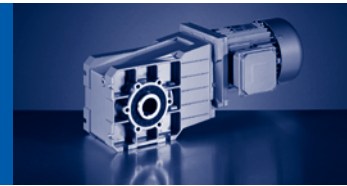


Ventilation position

GKR06



⊗ Ventilation



GKR□□-2M HAR / HBR

			063C11	063C12	063C31	063C32	063C42	071C11 071C13 071C31	071C32	071C33	071C42	080C11	080C13
GKR03	m	[kg]		7		7			8		9		
GKR04	m	[kg]			9				11			15	16
GKR05	m	[kg]					14	16	15	16		20	21
GKR06	m	[kg]					22	24	23	24		28	29

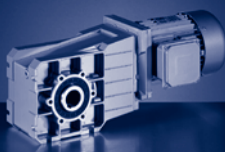
			080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41
GKR04	m	[kg]	15	16	23	21								
GKR05	m	[kg]	20	21	27	25	34	31	34	31				
GKR06	m	[kg]	28	29	36	34	43	40	43	40	51	48	58	55

GKR□□-2M HAK

			063C11	063C12	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13
GKR03	m	[kg]		7		7				9		9		
GKR04	m	[kg]			9		10	11	12	11		12	16	17
GKR05	m	[kg]					15	17		16		17	21	22
GKR06	m	[kg]					23	25		24		25	29	30

			080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41
GKR04	m	[kg]	16	17	23	21								
GKR05	m	[kg]	21	22	28	26	35	32	35	32				
GKR06	m	[kg]	29	30	37	35	44	41	44	41	52	49	59	56

- Weights with oil filling for mounting position A; all values are approximate.
The weights relate to the basic version. Bear in mind that additional weights may be needed (e.g. for motor options).



GKR

GKR [kg] - MD□MA (IE1)

GKR□□-2M VAR / VBR

			063C11	063C12	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13
GKR03	m	[kg]		7		7				9		9		
GKR04	m	[kg]		9			10	11	12	11	12		16	17
GKR05	m	[kg]					15	17		16	17		21	22
GKR06	m	[kg]					24	25	26	25	26		29	30

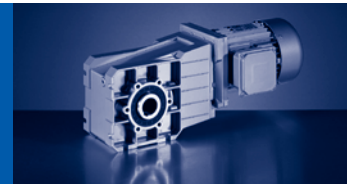
			080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41
GKR04	m	[kg]	16	17	23	21								
GKR05	m	[kg]	21	22	28	26	35	32	35	32				
GKR06	m	[kg]	29	30	38	36	45	42	45	42	53	50	60	57

GKR□□-2M VAK

			063C11	063C12	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13
GKR03	m	[kg]		7		7	8			9		10		
GKR04	m	[kg]	10		9	10				12			16	17
GKR05	m	[kg]					16	18		17	18		22	23
GKR06	m	[kg]					25	26	27	26	27		30	31

			080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41
GKR04	m	[kg]	16	17	24	22								
GKR05	m	[kg]	22	23	29	27	36	33	36	33				
GKR06	m	[kg]	30	31	39	37	46	43	46	43	54	51	61	58

- Weights with oil filling for mounting position A; all values are approximate.
The weights relate to the basic version. Bear in mind that additional weights may be needed (e.g. for motor options).



GKR□□-2M SAR / SBR

			063C11	063C12	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13
GKR03	m	[kg]		7		7				9		9		
GKR04	m	[kg]		9			10	11	12	11	12		16	17
GKR05	m	[kg]					14	16	17	16	17		20	21
GKR06	m	[kg]					23	25		24	25		29	30

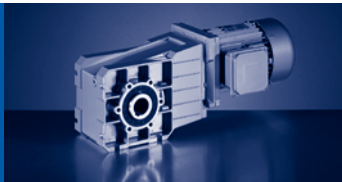
			080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41
GKR04	m	[kg]	16	17	23	21								
GKR05	m	[kg]	20	21	28	26	35	32	35	32				
GKR06	m	[kg]	29	30	37	35	44	41	44	41	52	49	59	56

GKR□□-2M SAK

			063C11	063C12	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13
GKR03	m	[kg]		7		7	8			9		10		
GKR04	m	[kg]	10		9	10				12			16	17
GKR05	m	[kg]					15	17	18	17	18		21	22
GKR06	m	[kg]					24	26		25	26		30	31

			080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41
GKR04	m	[kg]	16	17	24	22								
GKR05	m	[kg]	21	22	29	27	36	33	36	33				
GKR06	m	[kg]	30	31	38	36	45	42	45	42	53	50	60	57

- Weights with oil filling for mounting position A; all values are approximate.
The weights relate to the basic version. Bear in mind that additional weights may be needed (e.g. for motor options).



GKR

GKR [kg] - MH□MA (IE2)

GKR□□-2M HAR / HBR

			080C32	090C12	090C32	100C12
GKR04	m	[kg]	16	22	24	
GKR05	m	[kg]	21	26	28	34
GKR06	m	[kg]	29	35	37	43

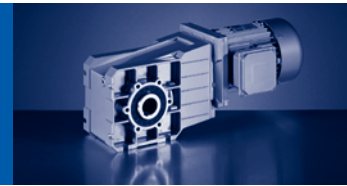
			100C32	112C22	132C12	132C22
GKR05	m	[kg]	37			
GKR06	m	[kg]	45	58	80	87

GKR□□-2M HAK

			080C32	090C12	090C32	100C12
GKR04	m	[kg]	17	22	24	
GKR05	m	[kg]	22	27	29	35
GKR06	m	[kg]	30	36	38	44

			100C32	112C22	132C12	132C22
GKR05	m	[kg]	38			
GKR06	m	[kg]	46	59	81	88

- Weights with oil filling for mounting position A; all values are approximate.
The weights relate to the basic version. Bear in mind that additional weights may be needed (e.g. for motor options).



GKR□□-2M VAR / VBR

			080C32	090C12	090C32	100C12
GKR04	m	[kg]	17	22	24	
GKR05	m	[kg]	22	27	29	35
GKR06	m	[kg]	30	37	39	45

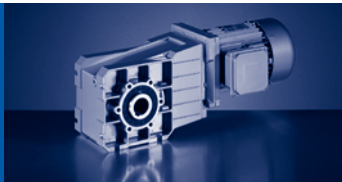
			100C32	112C22	132C12	132C22
GKR05	m	[kg]	38			
GKR06	m	[kg]	47	60	82	89

GKR□□-2M VAK

			080C32	090C12	090C32	100C12
GKR04	m	[kg]	17	23	25	
GKR05	m	[kg]	23	28	30	36
GKR06	m	[kg]	31	38	40	46

			100C32	112C22	132C12	132C22
GKR05	m	[kg]	39			
GKR06	m	[kg]	48	61	83	90

- Weights with oil filling for mounting position A; all values are approximate.
The weights relate to the basic version. Bear in mind that additional weights may be needed (e.g. for motor options).



GKR

GKR [kg] - MH□MA (IE2)

GKR□□-2M SAR / SBR

			080C32	090C12	090C32	100C12
GKR04	m	[kg]	17	22	24	
GKR05	m	[kg]	21	27	29	35
GKR06	m	[kg]	30	36	38	44

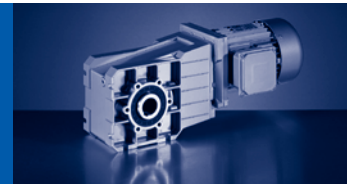
			100C32	112C22	132C12	132C22
GKR05	m	[kg]	38			
GKR06	m	[kg]	46	59	81	88

GKR□□-2M SAK

			080C32	090C12	090C32	100C12
GKR04	m	[kg]	17	23	25	
GKR05	m	[kg]	22	28	30	36
GKR06	m	[kg]	31	37	39	45

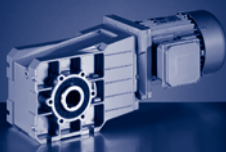
			100C32	112C22	132C12	132C22
GKR05	m	[kg]	39			
GKR06	m	[kg]	47	60	82	89

- Weights with oil filling for mounting position A; all values are approximate.
The weights relate to the basic version. Bear in mind that additional weights may be needed (e.g. for motor options).



50 Hz: $P_N=0.06$ kW
60 Hz: $P_N=0.075$ kW
87 Hz: $P_N=0.11$ kW

n _N	1425 r/min		1725 r/min		2535 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.06 kW		0.075 kW		0.11 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	64	5.3	78	5.1	114	4.4	9.0	22.270	GKR03-2M □□□063C02	498
	57	4.7	69	4.7	101	4.5	10	25.051	GKR03-2M □□□063C02	498
	50	4.1	60	4.1	88	3.9	11	28.808	GKR03-2M □□□063C02	498
	44	3.6	53	3.6	78	3.5	12	32.593	GKR03-2M □□□063C02	498
	38	3.1	46	3.1	68	3.0	14	37.481	GKR03-2M □□□063C02	498
	34	2.8	41	2.8	60	2.8	16	42.222	GKR03-2M □□□063C02	498
	29	2.4	36	2.4	52	2.4	19	48.556	GKR03-2M □□□063C02	498
	26	2.2	32	2.2	47	2.2	21	53.889	GKR03-2M □□□063C02	498
	23	1.9	28	1.9	41	1.9	24	61.972	GKR03-2M □□□063C02	498



GKR

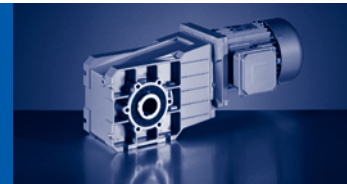
GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.09$ kW

60 Hz: $P_N=0.11$ kW

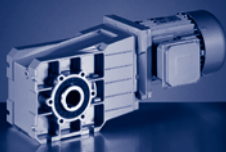
87 Hz: $P_N=0.16$ kW

n _N	1375 r/min		1675 r/min		2485 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.09 kW		0.11 kW		0.16 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	103	5.7	125	5.5	186	4.8	8.0	13.386	GKR03-2M □□□063C22	498
	91	5.0	111	4.8	164	4.2	9.0	15.111	GKR03-2M □□□063C22	498
	79	4.4	96	4.2	143	3.7	10	17.378	GKR03-2M □□□063C22	498
	71	3.9	87	3.8	128	3.3	12	19.365	GKR03-2M □□□063C22	498
	62	3.4	75	3.3	112	2.9	13	22.270	GKR03-2M □□□063C22	498
	55	3.0	67	3.0	99	2.9	15	25.051	GKR03-2M □□□063C22	498
	48	2.6	58	2.6	86	2.5	17	28.808	GKR03-2M □□□063C22	498
	42	2.3	51	2.3	76	2.2	19	32.593	GKR03-2M □□□063C22	498
	37	2.0	45	2.0	66	1.9	22	37.481	GKR03-2M □□□063C22	498
	33	1.8	40	1.8	59	1.8	25	42.222	GKR03-2M □□□063C22	498
	28	1.6	35	1.6	51	1.6	29	48.556	GKR03-2M □□□063C22	498
	26	1.4	31	1.4	46	1.4	32	53.889	GKR03-2M □□□063C22	498
	22	1.2	27	1.2	40	1.2	37	61.972	GKR03-2M □□□063C22	498



50 Hz: $P_N=0.12$ kW
60 Hz: $P_N=0.145$ kW
87 Hz: $P_N=0.21$ kW

n _N	1425 r/min		1725 r/min		2535 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.12 kW		0.145 kW		0.21 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	136	5.6	165	5.4	242	4.7	8.0	10.466	GKR03-2M □□□063C12	498
	125	5.4	151	5.1	221	4.5	9.0	11.449	GKR04-2M □□□063C12	498
	122	5.1	148	4.8	218	4.3	9.0	11.640	GKR03-2M □□□063C12	498
	112	5.0	136	4.8	200	4.2	10	12.698	GKR04-2M □□□063C12	498
	107	4.4	129	4.2	189	3.7	10	13.386	GKR03-2M □□□063C12	498
	98	5.0	118	4.8	174	4.2	11	14.603	GKR04-2M □□□063C12	498
	94	3.9	114	3.7	168	3.3	12	15.111	GKR03-2M □□□063C12	498
	82	3.4	99	3.2	146	2.9	13	17.378	GKR03-2M □□□063C12	498
	74	3.0	89	2.9	131	2.6	15	19.365	GKR03-2M □□□063C12	498
	73	5.5	88	5.2	130	4.6	15	19.556	GKR04-2M □□□063C12	498
	64	2.6	78	2.5	114	2.2	17	22.270	GKR03-2M □□□063C12	498
	63	5.2	77	5.0	113	4.4	17	22.489	GKR04-2M □□□063C12	498
	57	2.4	69	2.4	101	2.2	19	25.051	GKR03-2M □□□063C12	498
	57	4.6	69	4.6	101	4.4	19	25.185	GKR04-2M □□□063C12	498
	50	2.0	60	2.0	88	2.0	22	28.808	GKR03-2M □□□063C12	498
	49	4.1	60	4.1	88	3.9	22	28.963	GKR04-2M □□□063C12	498
	45	3.7	54	3.7	79	3.5	24	31.919	GKR04-2M □□□063C12	498
	44	1.8	53	1.8	78	1.7	25	32.593	GKR03-2M □□□063C12	498
	39	3.2	47	3.2	69	3.1	28	36.707	GKR04-2M □□□063C12	498
	38	1.6	46	1.6	68	1.5	29	37.481	GKR03-2M □□□063C12	498
	36	3.0	43	3.0	63	2.8	31	40.000	GKR04-2M □□□063C12	498
	34	1.4	41	1.4	60	1.4	32	42.222	GKR03-2M □□□063C12	498
	31	2.6	38	2.6	55	2.6	35	46.000	GKR04-2M □□□063C12	498
	29	1.2	36	1.2	52	1.2	37	48.556	GKR03-2M □□□063C12	498
	27	1.7	33	1.7	48	1.7	40	52.698	GKR04-2M □□□063C12	498
	26	1.1	32	1.1	47	1.1	41	53.889	GKR03-2M □□□063C12	498
	24	1.7	29	1.7	42	1.7	46	60.603	GKR04-2M □□□063C12	498
	23	1.0	28	1.0	41	1.0	47	61.972	GKR03-2M □□□063C12	498



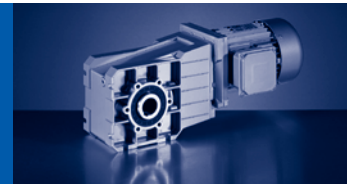
GKR

GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.18$ kW

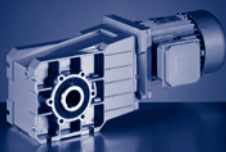
60 Hz: $P_N=0.22$ kW

n _N	2740 r/min		3340 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	0.18 kW		0.22 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	239	5.7	292	5.3			7.0	11.449	GKR04-2M □□□063C11	498
	216	5.3	263	4.9			8.0	12.698	GKR04-2M □□□063C11	498
	188	5.3	229	4.9			9.0	14.603	GKR04-2M □□□063C11	498
	140	5.8	171	5.4			12	19.556	GKR04-2M □□□063C11	498
	122	5.5	149	5.1			13	22.489	GKR04-2M □□□063C11	498
	109	5.5	133	5.1			15	25.185	GKR04-2M □□□063C11	498
	95	4.9	115	4.5			17	28.963	GKR04-2M □□□063C11	498
	86	4.4	105	4.1			19	31.919	GKR04-2M □□□063C11	498
	75	3.8	91	3.6			22	36.707	GKR04-2M □□□063C11	498
	69	3.5	84	3.3			24	40.000	GKR04-2M □□□063C11	498
	60	3.3	73	3.2			27	46.000	GKR04-2M □□□063C11	498
	52	2.2	63	2.1			31	52.698	GKR04-2M □□□063C11	498
	45	2.2	55	2.1			36	60.603	GKR04-2M □□□063C11	498



50 Hz: $P_N=0.18$ kW
60 Hz: $P_N=0.22$ kW
87 Hz: $P_N=0.33$ kW

n _N	1365 r/min		1665 r/min		2475 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.18 kW		0.22 kW		0.33 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	219	5.4	268	5.3	398	4.6	7.0	6.222	GKR03-2M □□□063C32	498
	192	5.1	234	4.9	348	4.3	9.0	7.111	GKR03-2M □□□063C32	498
	167	4.5	204	4.4	303	3.8	10	8.178	GKR03-2M □□□063C32	498
	150	4.1	183	4.0	272	3.5	11	9.101	GKR03-2M □□□063C32	498
	130	3.6	159	3.5	237	3.0	13	10.466	GKR03-2M □□□063C32	498
	119	3.4	145	3.3	216	2.9	14	11.449	GKR04-2M □□□063C32	498
	117	3.2	143	3.1	213	2.7	14	11.640	GKR03-2M □□□063C32	498
	108	3.2	131	3.1	195	2.7	15	12.698	GKR04-2M □□□063C32	498
	102	2.8	124	2.7	185	2.4	16	13.386	GKR03-2M □□□063C32	498
	94	3.2	114	3.1	170	2.7	18	14.603	GKR04-2M □□□063C32	498
	90	2.5	110	2.4	164	2.1	18	15.111	GKR03-2M □□□063C32	498
	79	2.2	96	2.1	142	1.8	21	17.378	GKR03-2M □□□063C32	498
	71	1.9	86	1.9	128	1.6	23	19.365	GKR03-2M □□□063C32	498
	70	3.5	85	3.4	127	3.0	23	19.556	GKR04-2M □□□063C32	498
	61	1.7	75	1.6	111	1.4	27	22.270	GKR03-2M □□□063C32	498
	61	3.4	74	3.2	110	2.8	27	22.489	GKR04-2M □□□063C32	498
	55	1.5	67	1.5	99	1.4	30	25.051	GKR03-2M □□□063C32	498
	54	2.9	66	2.9	98	2.8	30	25.185	GKR04-2M □□□063C32	498
	47	1.3	58	1.3	86	1.3	35	28.808	GKR03-2M □□□063C32	498
	47	2.6	58	2.6	86	2.5	35	28.963	GKR04-2M □□□063C32	498
	43	2.4	52	2.4	78	2.3	38	31.919	GKR04-2M □□□063C32	498
	42	1.2	51	1.2	76	1.1	39	32.593	GKR03-2M □□□063C32	498
	37	2.1	45	2.1	67	2.0	44	36.707	GKR04-2M □□□063C32	498
	36	1.0	44	1.0	66	1.0	45	37.481	GKR03-2M □□□063C32	498
	34	1.9	42	1.9	62	1.8	48	40.000	GKR04-2M □□□063C32	498
	32	0.9	39	0.9	59	0.9	51	42.222	GKR03-2M □□□063C32	498
	30	1.6	36	1.6	54	1.6	55	46.000	GKR04-2M □□□063C32	498
	26	1.1	32	1.1	47	1.1	63	52.698	GKR04-2M □□□063C32	498
	23	1.1	28	1.1	41	1.1	73	60.603	GKR04-2M □□□063C32	498



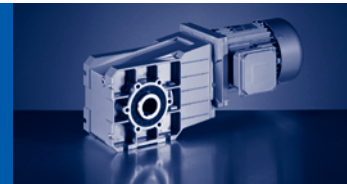
GKR

GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.18$ kW

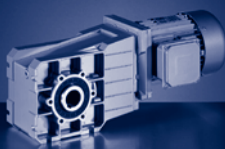
60 Hz: $P_N=0.22$ kW

n _N	930 r/min		1130 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	0.18 kW		0.22 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	179	5.4	218	5.4			9.0	5.185	GKR04-2M □□□071C13	498
	156	5.4	190	5.4			11	5.963	GKR04-2M □□□071C13	498
	131	5.4	159	5.4			13	7.111	GKR04-2M □□□071C13	498
	114	5.4	138	5.4			14	8.178	GKR04-2M □□□071C13	498
	102	5.3	124	5.3			16	9.101	GKR04-2M □□□071C13	498
	89	4.8	108	4.8			18	10.466	GKR04-2M □□□071C13	498
	81	4.5	99	4.5			20	11.449	GKR04-2M □□□071C13	498
	73	4.0	89	4.0			22	12.698	GKR04-2M □□□071C13	498
	70	5.4	86	5.4			23	13.216	GKR05-2M □□□071C13	498
	64	3.5	77	3.5			26	14.603	GKR04-2M □□□071C13	498
	62	5.4	75	5.4			26	15.008	GKR05-2M □□□071C13	498
	60	3.3	73	3.3			27	15.556	GKR04-2M □□□071C13	498
	52	2.9	63	2.9			31	17.889	GKR04-2M □□□071C13	498
	48	2.6	58	2.6			34	19.556	GKR04-2M □□□071C13	498
	41	2.3	50	2.3			40	22.489	GKR04-2M □□□071C13	498
	37	2.0	45	2.0			44	25.185	GKR04-2M □□□071C13	498
	32	1.8	39	1.8			51	28.963	GKR04-2M □□□071C13	498
	31	4.5	37	4.5			54	30.522	GKR05-2M □□□071C13	498
	29	1.6	35	1.6			56	31.919	GKR04-2M □□□071C13	498
	25	1.4	31	1.4			65	36.707	GKR04-2M □□□071C13	498
	23	1.3	28	1.3			70	40.000	GKR04-2M □□□071C13	498
	22	3.2	26	3.2			76	43.267	GKR05-2M □□□071C13	498
	20	1.1	25	1.1			81	46.000	GKR04-2M □□□071C13	498
	19	2.8	23	2.8			86	49.133	GKR05-2M □□□071C13	498
	18	2.6	22	2.6			92	52.510	GKR05-2M □□□071C13	498
	16	2.3	19	2.3			105	59.630	GKR05-2M □□□071C13	498
	15	3.0	18	3.0			110	62.500	GKR06-2M □□□071C13	498
	14	3.0	16	3.0			121	68.906	GKR06-2M □□□071C13	498



50 Hz: $P_N=0.25$ kW
60 Hz: $P_N=0.31$ kW

n_N	2710 r/min		3310 r/min				M_2 [Nm]	i		
f_N	50 Hz		60 Hz							
P_N	0.25 kW		0.31 kW							
	n_2 [r/min]	c	n_2 [r/min]	c						
	237	4.0	289	3.8			10	11.449	GKR04-2M □□□063C31	498
	213	3.8	261	3.5			11	12.698	GKR04-2M □□□063C31	498
	186	3.8	227	3.5			12	14.603	GKR04-2M □□□063C31	498
	139	4.1	169	3.9			16	19.556	GKR04-2M □□□063C31	498
	121	3.9	147	3.7			19	22.489	GKR04-2M □□□063C31	498
	108	3.9	131	3.7			21	25.185	GKR04-2M □□□063C31	498
	94	3.5	114	3.2			24	28.963	GKR04-2M □□□063C31	498
	85	3.1	104	2.9			27	31.919	GKR04-2M □□□063C31	498
	74	2.7	90	2.6			31	36.707	GKR04-2M □□□063C31	498
	68	2.5	83	2.4			34	40.000	GKR04-2M □□□063C31	498
	59	2.3	72	2.3			39	46.000	GKR04-2M □□□063C31	498
	51	1.6	63	1.5			44	52.698	GKR04-2M □□□063C31	498
	45	1.6	55	1.5			51	60.603	GKR04-2M □□□063C31	498



GKR

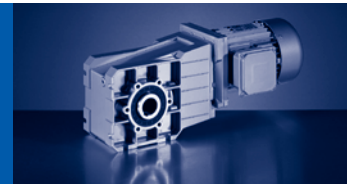
GKR [Nm] - MD□MA (IE1)

50 Hz: P_N=0.25 kW

60 Hz: P_N=0.31 kW

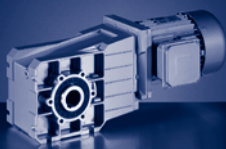
87 Hz: P_N=0.45 kW

n _N	1370 r/min		1670 r/min		2480 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.25 kW		0.31 kW		0.45 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	264	4.6	322	4.4	478	3.9	9.0	5.185	GKR04-2M □□□063C42	498
	253	4.4	309	4.2	458	3.7	9.0	5.411	GKR03-2M □□□063C42	498
	230	4.6	280	4.4	416	3.9	10	5.963	GKR04-2M □□□063C42	498
	220	3.9	268	3.8	399	3.3	10	6.222	GKR03-2M □□□063C42	498
	193	3.7	235	3.5	349	3.1	12	7.111	GKR03-2M □□□063C42	498
	193	4.6	235	4.4	349	3.9	12	7.111	GKR04-2M □□□063C42	498
	168	3.3	204	3.2	303	2.8	14	8.178	GKR03-2M □□□063C42	498
	168	4.6	204	4.4	303	3.9	14	8.178	GKR04-2M □□□063C42	498
	151	3.0	184	2.9	273	2.5	15	9.101	GKR03-2M □□□063C42	498
	151	5.2	184	5.0	273	4.4	15	9.101	GKR04-2M □□□063C42	498
	131	2.6	160	2.5	237	2.2	17	10.466	GKR03-2M □□□063C42	498
	131	5.1	160	4.9	237	4.3	17	10.466	GKR04-2M □□□063C42	498
	120	4.8	146	4.6	217	4.0	19	11.449	GKR04-2M □□□063C42	498
	118	2.3	144	2.3	213	2.0	19	11.640	GKR03-2M □□□063C42	498
	108	4.3	132	4.1	195	3.6	21	12.698	GKR04-2M □□□063C42	498
	104	4.6	126	4.4	188	3.9	22	13.216	GKR05-2M □□□063C42	498
	102	2.0	125	2.0	185	1.7	22	13.386	GKR03-2M □□□063C42	498
	94	3.7	114	3.6	170	3.2	24	14.603	GKR04-2M □□□063C42	498
	91	1.8	111	1.7	164	1.5	25	15.111	GKR03-2M □□□063C42	498
	91	4.6	111	4.4	165	3.9	25	15.008	GKR05-2M □□□063C42	498
	88	3.5	107	3.4	159	3.0	26	15.556	GKR04-2M □□□063C42	498
	79	1.6	96	1.5	143	1.3	29	17.378	GKR03-2M □□□063C42	498
	77	3.0	93	2.9	139	2.6	30	17.889	GKR04-2M □□□063C42	498
	71	1.4	86	1.4	128	1.2	32	19.365	GKR03-2M □□□063C42	498
	70	2.8	85	2.7	127	2.4	32	19.556	GKR04-2M □□□063C42	498
	62	1.2	75	1.2	111	1.0	37	22.270	GKR03-2M □□□063C42	498
	61	2.4	74	2.3	110	2.0	37	22.489	GKR04-2M □□□063C42	498
	55	1.1	67	1.1	99	1.0	42	25.051	GKR03-2M □□□063C42	498
	54	2.2	66	2.2	99	2.1	42	25.185	GKR04-2M □□□063C42	498
	48	0.9	58	0.9	86	0.9	48	28.808	GKR03-2M □□□063C42	498
	47	1.9	58	1.9	86	1.8	48	28.963	GKR04-2M □□□063C42	498
	45	4.3	55	4.3	81	4.1	51	30.522	GKR05-2M □□□063C42	498
	43	1.7	52	1.7	78	1.6	53	31.919	GKR04-2M □□□063C42	498
	42	0.8	51	0.8	76	0.8	54	32.593	GKR03-2M □□□063C42	498
	37	1.5	46	1.5	68	1.4	61	36.707	GKR04-2M □□□063C42	498
	34	1.2	42	1.2	62	1.2	66	40.000	GKR04-2M □□□063C42	498
	30	1.2	36	1.2	54	1.2	76	46.000	GKR04-2M □□□063C42	498
	28	3.0	34	3.0	51	3.0	81	49.133	GKR05-2M □□□063C42	498
	28	3.2	34	3.2	50	3.2	82	49.444	GKR06-2M □□□063C42	498
	26	2.8	32	2.8	47	2.8	87	52.510	GKR05-2M □□□063C42	498
	23	2.4	28	2.4	42	2.4	99	59.630	GKR05-2M □□□063C42	498



50 Hz: $P_N=0.25$ kW
60 Hz: $P_N=0.31$ kW
87 Hz: $P_N=0.45$ kW

n _N	1370 r/min		1670 r/min		2480 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.25 kW		0.31 kW		0.45 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	22	2.6	27	2.6	40	2.6	104	62.500	GKR06-2M □□□063C42	498
	20	2.6	24	2.6	36	2.6	114	68.906	GKR06-2M □□□063C42	498



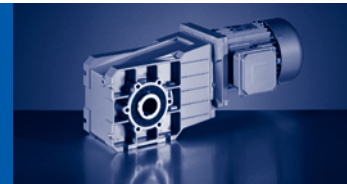
GKR

GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.25$ kW

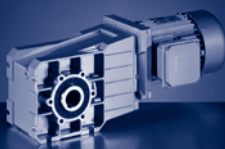
60 Hz: $P_N=0.3$ kW

n _N	930 r/min		1130 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	0.25 kW		0.3 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	179	3.9	218	3.9			13	5.185	GKR04-2M □□□071C33	498
	156	3.9	190	3.9			15	5.963	GKR04-2M □□□071C33	498
	131	3.9	159	3.9			17	7.111	GKR04-2M □□□071C33	498
	114	3.9	138	3.9			20	8.178	GKR04-2M □□□071C33	498
	102	3.8	124	3.8			22	9.101	GKR04-2M □□□071C33	498
	89	3.5	108	3.5			26	10.466	GKR04-2M □□□071C33	498
	81	3.2	99	3.2			28	11.449	GKR04-2M □□□071C33	498
	73	2.9	89	2.9			31	12.698	GKR04-2M □□□071C33	498
	70	3.9	86	3.9			32	13.216	GKR05-2M □□□071C33	498
	64	2.5	77	2.5			36	14.603	GKR04-2M □□□071C33	498
	62	3.9	75	3.9			37	15.008	GKR05-2M □□□071C33	498
	60	2.4	73	2.4			38	15.556	GKR04-2M □□□071C33	498
	52	2.1	63	2.1			44	17.889	GKR04-2M □□□071C33	498
	48	1.9	58	1.9			48	19.556	GKR04-2M □□□071C33	498
	41	1.6	50	1.6			55	22.489	GKR04-2M □□□071C33	498
	37	1.5	45	1.5			61	25.185	GKR04-2M □□□071C33	498
	32	1.3	39	1.3			71	28.963	GKR04-2M □□□071C33	498
	31	3.2	37	3.2			74	30.522	GKR05-2M □□□071C33	498
	29	1.2	35	1.2			78	31.919	GKR04-2M □□□071C33	498
	28	2.9	34	2.9			82	33.433	GKR05-2M □□□071C33	498
	25	1.0	31	1.0			90	36.707	GKR04-2M □□□071C33	498
	25	2.6	30	2.6			93	37.967	GKR05-2M □□□071C33	498
	23	0.9	28	0.9			98	40.000	GKR04-2M □□□071C33	498
	23	3.1	28	3.1			99	40.741	GKR06-2M □□□071C33	498
	22	2.3	26	2.3			106	43.267	GKR05-2M □□□071C33	498
	21	3.1	25	3.1			110	44.917	GKR06-2M □□□071C33	498
	20	0.8	25	0.8			112	46.000	GKR04-2M □□□071C33	498
	19	2.0	23	2.0			120	49.133	GKR05-2M □□□071C33	498
	19	2.7	23	2.7			121	49.444	GKR06-2M □□□071C33	498
	18	1.9	22	1.9			128	52.510	GKR05-2M □□□071C33	498
	16	1.7	19	1.7			145	59.630	GKR05-2M □□□071C33	498
	15	2.2	18	2.2			152	62.500	GKR06-2M □□□071C33	498
	14	2.2	16	2.2			168	68.906	GKR06-2M □□□071C33	498



50 Hz: $P_N=0.37$ kW
60 Hz: $P_N=0.45$ kW

n _N	2720 r/min		3320 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	0.37 kW		0.45 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	260	5.6	317	5.3			13	10.466	GKR04-2M □□□071C11	498
	238	5.2	290	4.9			14	11.449	GKR04-2M □□□071C11	498
	214	4.7	262	4.4			16	12.698	GKR04-2M □□□071C11	498
	186	4.1	227	3.8			18	14.603	GKR04-2M □□□071C11	498
	175	3.8	213	3.6			19	15.556	GKR04-2M □□□071C11	498
	152	3.3	186	3.1			22	17.889	GKR04-2M □□□071C11	498
	139	3.1	170	2.9			24	19.556	GKR04-2M □□□071C11	498
	121	2.7	148	2.5			28	22.489	GKR04-2M □□□071C11	498
	108	2.7	132	2.5			31	25.185	GKR04-2M □□□071C11	498
	94	2.4	115	2.2			36	28.963	GKR04-2M □□□071C11	498
	89	5.9	109	5.6			38	30.522	GKR05-2M □□□071C11	498
	85	2.1	104	2.0			39	31.919	GKR04-2M □□□071C11	498
	74	1.9	90	1.7			45	36.707	GKR04-2M □□□071C11	498
	68	1.7	83	1.6			49	40.000	GKR04-2M □□□071C11	498
	59	1.6	72	1.5			57	46.000	GKR04-2M □□□071C11	498
	55	4.0	68	3.8			61	49.133	GKR05-2M □□□071C11	498
	52	3.7	63	3.6			65	52.510	GKR05-2M □□□071C11	498
	46	3.3	56	3.2			74	59.630	GKR05-2M □□□071C11	498
	44	4.3	53	4.2			77	62.500	GKR06-2M □□□071C11	498
	40	4.3	48	4.2			85	68.906	GKR06-2M □□□071C11	498



GKR

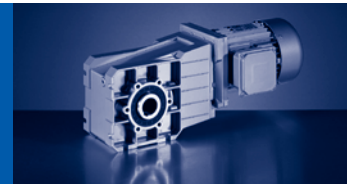
GKR [Nm] - MD□MA (IE1)

50 Hz: P_N=0.37 kW

60 Hz: P_N=0.45 kW

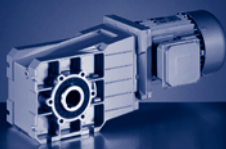
87 Hz: P_N=0.66 kW

n _N	1410 r/min		1710 r/min		2520 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.37 kW		0.45 kW		0.66 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	272	4.0	330	3.8	486	3.3	12	5.185	GKR04-2M □□□071C32	498
	261	3.1	316	2.9	466	2.6	13	5.411	GKR03-2M □□□071C32	498
	237	4.0	287	3.8	423	3.3	14	5.963	GKR04-2M □□□071C32	498
	227	2.7	275	2.6	405	2.3	15	6.222	GKR03-2M □□□071C32	498
	198	2.5	241	2.4	354	2.1	17	7.111	GKR03-2M □□□071C32	498
	198	4.0	241	3.8	354	3.3	17	7.111	GKR04-2M □□□071C32	498
	172	2.3	209	2.2	308	1.9	20	8.178	GKR03-2M □□□071C32	498
	172	4.0	209	3.8	308	3.3	20	8.178	GKR04-2M □□□071C32	498
	155	2.1	188	2.0	277	1.8	22	9.101	GKR03-2M □□□071C32	498
	155	3.9	188	3.7	277	3.3	22	9.101	GKR04-2M □□□071C32	498
	135	1.8	163	1.7	241	1.5	25	10.466	GKR03-2M □□□071C32	498
	135	3.6	163	3.4	241	3.0	25	10.466	GKR04-2M □□□071C32	498
	123	3.3	149	3.2	220	2.8	27	11.449	GKR04-2M □□□071C32	498
	121	1.6	147	1.6	217	1.4	28	11.640	GKR03-2M □□□071C32	498
	111	3.0	135	2.9	198	2.5	30	12.698	GKR04-2M □□□071C32	498
	107	4.0	129	3.8	191	3.3	32	13.216	GKR05-2M □□□071C32	498
	105	1.4	128	1.4	188	1.2	32	13.386	GKR03-2M □□□071C32	498
	97	2.6	117	2.5	173	2.2	35	14.603	GKR04-2M □□□071C32	498
	94	4.0	114	3.8	168	3.3	36	15.008	GKR05-2M □□□071C32	498
	93	1.3	113	1.2	167	1.1	36	15.111	GKR03-2M □□□071C32	498
	91	2.4	110	2.3	162	2.0	37	15.556	GKR04-2M □□□071C32	498
	81	1.1	98	1.0	145	0.9	41	17.378	GKR03-2M □□□071C32	498
	79	2.1	96	2.0	141	1.8	43	17.889	GKR04-2M □□□071C32	498
	73	1.0	88	0.9	130	0.8	46	19.365	GKR03-2M □□□071C32	498
	72	1.9	87	1.9	129	1.6	47	19.556	GKR04-2M □□□071C32	498
	63	0.9	77	0.8			53	22.270	GKR03-2M □□□071C32	498
	63	1.7	76	1.6	112	1.4	54	22.489	GKR04-2M □□□071C32	498
	56	1.5	68	1.5	100	1.4	60	25.185	GKR04-2M □□□071C32	498
	49	1.3	59	1.3	87	1.3	69	28.963	GKR04-2M □□□071C32	498
	46	3.3	56	3.3	83	3.2	73	30.522	GKR05-2M □□□071C32	498
	44	1.2	54	1.2	79	1.1	76	31.919	GKR04-2M □□□071C32	498
	42	3.0	51	3.0	75	2.9	80	33.433	GKR05-2M □□□071C32	498
	38	1.0	47	1.0	69	1.0	87	36.707	GKR04-2M □□□071C32	498
	37	2.7	45	2.7	66	2.5	90	37.967	GKR05-2M □□□071C32	498
	35	1.0	43	1.0	63	0.9	95	40.000	GKR04-2M □□□071C32	498
	35	3.2	42	3.2	62	3.2	97	40.741	GKR06-2M □□□071C32	498
	33	2.3	40	2.3	58	2.3	103	43.267	GKR05-2M □□□071C32	498
	31	0.8	37	0.8	55	0.8	110	46.000	GKR04-2M □□□071C32	498
	31	3.2	38	3.2	56	3.2	107	44.917	GKR06-2M □□□071C32	498
	29	2.1	35	2.1	51	2.1	117	49.133	GKR05-2M □□□071C32	498
	29	2.8	35	2.8	51	2.8	118	49.444	GKR06-2M □□□071C32	498



50 Hz: $P_N=0.37$ kW
60 Hz: $P_N=0.45$ kW
87 Hz: $P_N=0.66$ kW

n _N	1410 r/min		1710 r/min		2520 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.37 kW		0.45 kW		0.66 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	27	1.9	33	1.9	48	1.9	125	52.510	GKR05-2M □□□071C32	498
	24	1.7	29	1.7	42	1.7	142	59.630	GKR05-2M □□□071C32	498
	23	2.2	27	2.2	40	2.2	149	62.500	GKR06-2M □□□071C32	498
	21	2.2	25	2.2	37	2.2	164	68.906	GKR06-2M □□□071C32	498



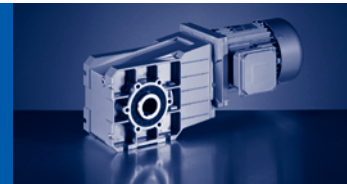
GKR

GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.37$ kW

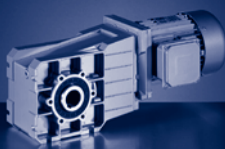
60 Hz: $P_N=0.45$ kW

n _N	950 r/min		1150 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	0.37 kW		0.45 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	183	3.8	222	3.8			18	5.185	GKR04-2M □□□080C13	498
	159	3.4	193	3.4			21	5.963	GKR04-2M □□□080C13	498
	152	5.7	184	5.7			22	6.257	GKR05-2M □□□080C13	498
	134	3.1	162	3.1			25	7.111	GKR04-2M □□□080C13	498
	116	2.8	141	2.8			29	8.178	GKR04-2M □□□080C13	498
	104	2.6	126	2.6			32	9.101	GKR04-2M □□□080C13	498
	91	2.4	110	2.4			37	10.466	GKR04-2M □□□080C13	498
	83	2.2	100	2.2			41	11.449	GKR04-2M □□□080C13	498
	75	2.0	91	2.0			45	12.698	GKR04-2M □□□080C13	498
	72	4.6	87	4.6			47	13.216	GKR05-2M □□□080C13	498
	65	1.7	79	1.7			52	14.603	GKR04-2M □□□080C13	498
	63	4.2	77	4.2			53	15.008	GKR05-2M □□□080C13	498
	61	1.6	74	1.6			55	15.556	GKR04-2M □□□080C13	498
	53	1.4	64	1.4			63	17.889	GKR04-2M □□□080C13	498
	49	1.3	59	1.3			69	19.556	GKR04-2M □□□080C13	498
	42	1.1	51	1.1			80	22.489	GKR04-2M □□□080C13	498
	41	2.9	49	2.9			83	23.450	GKR05-2M □□□080C13	498
	38	1.0	46	1.0			89	25.185	GKR04-2M □□□080C13	498
	35	2.5	43	2.5			95	26.878	GKR05-2M □□□080C13	498
	33	0.9	40	0.9			102	28.963	GKR04-2M □□□080C13	498
	31	2.2	38	2.2			108	30.522	GKR05-2M □□□080C13	498
	30	4.0	37	4.0			111	31.481	GKR06-2M □□□080C13	498
	28	2.0	34	2.0			118	33.433	GKR05-2M □□□080C13	498
	25	1.8	30	1.8			134	37.967	GKR05-2M □□□080C13	498
	23	3.1	28	3.1			144	40.741	GKR06-2M □□□080C13	498
	22	1.6	27	1.6			153	43.267	GKR05-2M □□□080C13	498
	21	2.8	26	2.8			159	44.917	GKR06-2M □□□080C13	498
	19	1.4	23	1.4			174	49.133	GKR05-2M □□□080C13	498
	19	2.6	23	2.6			175	49.444	GKR06-2M □□□080C13	498
	18	1.3	22	1.3			186	52.510	GKR05-2M □□□080C13	498
	16	1.1	19	1.1			211	59.630	GKR05-2M □□□080C13	498
	15	1.7	18	1.7			221	62.500	GKR06-2M □□□080C13	498
	14	1.7	17	1.7			244	68.906	GKR06-2M □□□080C13	498



50 Hz: $P_N=0.55 \text{ kW}$
60 Hz: $P_N=0.68 \text{ kW}$

n _N	2630 r/min		3230 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	0.55 kW		0.68 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	507	4.1	623	3.8			10	5.185	GKR04-2M □□□071C31	498
	441	4.1	542	3.8			11	5.963	GKR04-2M □□□071C31	498
	370	4.1	454	3.8			14	7.111	GKR04-2M □□□071C31	498
	322	4.1	395	3.8			16	8.178	GKR04-2M □□□071C31	498
	289	4.1	355	3.8			17	9.101	GKR04-2M □□□071C31	498
	251	3.7	309	3.5			20	10.466	GKR04-2M □□□071C31	498
	230	3.4	282	3.2			22	11.449	GKR04-2M □□□071C31	498
	207	3.1	254	2.9			24	12.698	GKR04-2M □□□071C31	498
	199	4.1	244	3.8			25	13.216	GKR05-2M □□□071C31	498
	180	2.7	221	2.5			28	14.603	GKR04-2M □□□071C31	498
	175	4.1	215	3.8			29	15.008	GKR05-2M □□□071C31	498
	169	2.5	208	2.4			30	15.556	GKR04-2M □□□071C31	498
	147	2.2	181	2.1			34	17.889	GKR04-2M □□□071C31	498
	135	2.0	165	1.9			37	19.556	GKR04-2M □□□071C31	498
	117	1.8	144	1.6			43	22.489	GKR04-2M □□□071C31	498
	104	1.8	128	1.7			48	25.185	GKR04-2M □□□071C31	498
	91	1.5	112	1.4			55	28.963	GKR04-2M □□□071C31	498
	86	3.9	106	3.7			58	30.522	GKR05-2M □□□071C31	498
	82	1.4	101	1.3			61	31.919	GKR04-2M □□□071C31	498
	72	1.2	88	1.1			70	36.707	GKR04-2M □□□071C31	498
	69	3.1	85	2.9			72	37.967	GKR05-2M □□□071C31	498
	66	1.1	81	1.0			76	40.000	GKR04-2M □□□071C31	498
	61	2.9	75	2.9			82	43.267	GKR05-2M □□□071C31	498
	57	1.0	70	1.0			87	46.000	GKR04-2M □□□071C31	498
	54	2.6	66	2.5			93	49.133	GKR05-2M □□□071C31	498
	50	2.4	62	2.4			100	52.510	GKR05-2M □□□071C31	498
	44	2.1	54	2.1			113	59.630	GKR05-2M □□□071C31	498
	42	2.8	52	2.8			119	62.500	GKR06-2M □□□071C31	498
	38	2.8	47	2.8			131	68.906	GKR06-2M □□□071C31	498



GKR

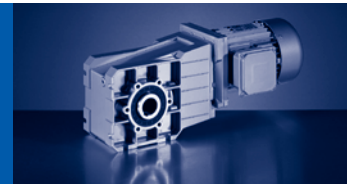
GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.55$ kW

60 Hz: $P_N=0.68$ kW

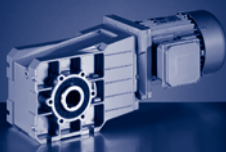
87 Hz: $P_N=1.0$ kW

n _N	1405 r/min		1705 r/min		2515 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.55 kW		0.68 kW		1.0 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	271	3.7	329	3.6	485	3.2	18	5.185	GKR04-2M □□□071C42	498
	260	2.1	315	2.0	465	1.7	19	5.411	GKR03-2M □□□071C42	498
	236	3.4	286	3.3	422	2.9	21	5.963	GKR04-2M □□□071C42	498
	226	1.8	274	1.8	404	1.5	22	6.222	GKR03-2M □□□071C42	498
	225	4.5	273	4.3	402	3.8	22	6.257	GKR05-2M □□□071C42	498
	198	1.7	240	1.6	354	1.4	25	7.111	GKR03-2M □□□071C42	498
	198	3.1	240	2.9	354	2.6	25	7.111	GKR04-2M □□□071C42	498
	172	1.5	209	1.5	308	1.3	29	8.178	GKR03-2M □□□071C42	498
	172	2.8	209	2.7	308	2.4	29	8.178	GKR04-2M □□□071C42	498
	154	1.4	187	1.3	276	1.2	32	9.101	GKR03-2M □□□071C42	498
	154	2.6	187	2.5	276	2.2	32	9.101	GKR04-2M □□□071C42	498
	134	1.2	163	1.2	240	1.0	37	10.466	GKR03-2M □□□071C42	498
	134	2.4	163	2.3	240	2.0	37	10.466	GKR04-2M □□□071C42	498
	123	2.2	149	2.1	220	1.9	41	11.449	GKR04-2M □□□071C42	498
	121	1.1	147	1.0	216	0.9	41	11.640	GKR03-2M □□□071C42	498
	111	2.0	134	1.9	198	1.7	45	12.698	GKR04-2M □□□071C42	498
	106	4.5	129	4.3	190	3.8	47	13.216	GKR05-2M □□□071C42	498
	105	1.0	127	0.9			48	13.386	GKR03-2M □□□071C42	498
	96	1.7	117	1.7	172	1.5	52	14.603	GKR04-2M □□□071C42	498
	94	4.2	114	4.0	168	3.5	53	15.008	GKR05-2M □□□071C42	498
	93	0.8	113	0.8			54	15.111	GKR03-2M □□□071C42	498
	90	1.6	110	1.6	162	1.4	55	15.556	GKR04-2M □□□071C42	498
	79	1.4	95	1.4	141	1.2	64	17.889	GKR04-2M □□□071C42	498
	72	1.3	87	1.2	129	1.1	69	19.556	GKR04-2M □□□071C42	498
	63	1.1	76	1.1	112	1.0	80	22.489	GKR04-2M □□□071C42	498
	60	2.9	73	2.8	107	2.4	83	23.450	GKR05-2M □□□071C42	498
	56	1.0	68	1.0	100	1.0	89	25.185	GKR04-2M □□□071C42	498
	52	2.5	63	2.5	94	2.4	96	26.878	GKR05-2M □□□071C42	498
	49	0.9	59	0.9	87	0.8	103	28.963	GKR04-2M □□□071C42	498
	46	2.2	56	2.2	82	2.1	108	30.522	GKR05-2M □□□071C42	498
	45	3.2	54	3.2	80	3.0	112	31.481	GKR06-2M □□□071C42	498
	42	2.0	51	2.0	75	1.9	119	33.433	GKR05-2M □□□071C42	498
	41	3.2	49	3.2	73	3.0	123	34.708	GKR06-2M □□□071C42	498
	37	1.8	45	1.8	66	1.7	135	37.967	GKR05-2M □□□071C42	498
	35	2.9	42	2.9	62	2.9	145	40.741	GKR06-2M □□□071C42	498
	33	1.6	39	1.6	58	1.6	154	43.267	GKR05-2M □□□071C42	498
	31	2.8	38	2.8	56	2.8	160	44.917	GKR06-2M □□□071C42	498
	29	1.4	35	1.4	51	1.4	175	49.133	GKR05-2M □□□071C42	498
	28	2.4	35	2.4	51	2.4	176	49.444	GKR06-2M □□□071C42	498
	27	1.3	33	1.3	48	1.3	187	52.510	GKR05-2M □□□071C42	498
	24	1.1	29	1.1	42	1.1	212	59.630	GKR05-2M □□□071C42	498



50 Hz: $P_N=0.55$ kW
60 Hz: $P_N=0.68$ kW
87 Hz: $P_N=1.0$ kW

n _N	1405 r/min		1705 r/min		2515 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.55 kW		0.68 kW		1.0 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	23	1.4	27	1.4	40	1.4	222	62.500	GKR06-2M □□□071C42	498
	20	1.4	25	1.4	37	1.4	245	68.906	GKR06-2M □□□071C42	498



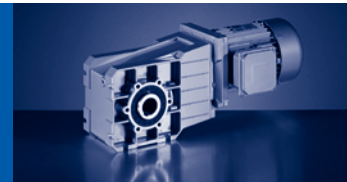
GKR

GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.55$ kW

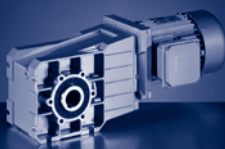
60 Hz: $P_N=0.66$ kW

n _N	930 r/min		1130 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	0.55 kW		0.66 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	179	2.5	218	2.5			28	5.185	GKR04-2M □□□080C33	498
	156	2.3	190	2.3			32	5.963	GKR04-2M □□□080C33	498
	149	3.7	181	3.7			34	6.257	GKR05-2M □□□080C33	498
	131	2.0	159	2.0			38	7.111	GKR04-2M □□□080C33	498
	114	1.9	138	1.9			44	8.178	GKR04-2M □□□080C33	498
	102	1.7	124	1.7			49	9.101	GKR04-2M □□□080C33	498
	89	1.6	108	1.6			56	10.466	GKR04-2M □□□080C33	498
	81	1.5	99	1.5			61	11.449	GKR04-2M □□□080C33	498
	77	3.2	94	3.2			65	12.081	GKR05-2M □□□080C33	498
	73	1.3	89	1.3			68	12.698	GKR04-2M □□□080C33	498
	70	3.0	86	3.0			71	13.216	GKR05-2M □□□080C33	498
	68	2.9	82	2.9			74	13.719	GKR05-2M □□□080C33	498
	64	1.2	77	1.2			78	14.603	GKR04-2M □□□080C33	498
	62	2.8	75	2.8			81	15.008	GKR05-2M □□□080C33	498
	60	1.1	73	1.1			84	15.556	GKR04-2M □□□080C33	498
	55	2.7	67	2.7			90	16.857	GKR05-2M □□□080C33	498
	52	0.9	63	0.9			96	17.889	GKR04-2M □□□080C33	498
	49	2.3	59	2.3			103	19.143	GKR05-2M □□□080C33	498
	48	0.9	58	0.9			105	19.556	GKR04-2M □□□080C33	498
	45	2.2	55	2.2			111	20.650	GKR05-2M □□□080C33	498
	40	1.9	48	1.9			126	23.450	GKR05-2M □□□080C33	498
	37	3.1	45	3.1			136	25.309	GKR06-2M □□□080C33	498
	35	1.7	42	1.7			144	26.878	GKR05-2M □□□080C33	498
	33	3.0	41	3.0			150	27.903	GKR06-2M □□□080C33	498
	31	1.5	37	1.5			164	30.522	GKR05-2M □□□080C33	498
	30	2.6	36	2.6			169	31.481	GKR06-2M □□□080C33	498
	28	1.3	34	1.3			179	33.433	GKR05-2M □□□080C33	498
	27	2.4	33	2.4			186	34.708	GKR06-2M □□□080C33	498
	25	1.2	30	1.2			204	37.967	GKR05-2M □□□080C33	498
	23	2.1	28	2.1			219	40.741	GKR06-2M □□□080C33	498
	22	1.0	26	1.0			232	43.267	GKR05-2M □□□080C33	498
	21	1.9	25	1.9			241	44.917	GKR06-2M □□□080C33	498
	19	0.9	23	0.9			264	49.133	GKR05-2M □□□080C33	498
	19	1.7	23	1.7			265	49.444	GKR06-2M □□□080C33	498
	18	0.9	22	0.9			282	52.510	GKR05-2M □□□080C33	498
	15	1.1	18	1.1			335	62.500	GKR06-2M □□□080C33	498
	14	1.1	16	1.1			370	68.906	GKR06-2M □□□080C33	498



50 Hz: $P_N=0.75$ kW
60 Hz: $P_N=0.92$ kW

n _N	2720 r/min		3320 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	0.75 kW		0.92 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	525	4.4	640	4.1			13	5.185	GKR04-2M □□□080C11	498
	456	4.0	557	3.7			15	5.963	GKR04-2M □□□080C11	498
	383	3.6	467	3.3			18	7.111	GKR04-2M □□□080C11	498
	333	3.3	406	3.0			21	8.178	GKR04-2M □□□080C11	498
	299	3.0	365	2.9			23	9.101	GKR04-2M □□□080C11	498
	260	2.8	317	2.6			26	10.466	GKR04-2M □□□080C11	498
	238	2.6	290	2.4			29	11.449	GKR04-2M □□□080C11	498
	214	2.3	262	2.2			32	12.698	GKR04-2M □□□080C11	498
	206	5.3	251	5.0			33	13.216	GKR05-2M □□□080C11	498
	186	2.0	227	1.9			37	14.603	GKR04-2M □□□080C11	498
	181	4.9	221	4.6			38	15.008	GKR05-2M □□□080C11	498
	175	1.9	213	1.8			39	15.556	GKR04-2M □□□080C11	498
	152	1.7	186	1.5			45	17.889	GKR04-2M □□□080C11	498
	139	1.5	170	1.4			49	19.556	GKR04-2M □□□080C11	498
	121	1.3	148	1.2			56	22.489	GKR04-2M □□□080C11	498
	108	1.3	132	1.3			63	25.185	GKR04-2M □□□080C11	498
	94	1.2	115	1.1			73	28.963	GKR04-2M □□□080C11	498
	89	2.9	109	2.7			76	30.522	GKR05-2M □□□080C11	498
	86	5.2	106	4.9			79	31.481	GKR06-2M □□□080C11	498
	81	2.7	99	2.5			84	33.433	GKR05-2M □□□080C11	498
	72	2.4	87	2.2			95	37.967	GKR05-2M □□□080C11	498
	63	2.2	77	2.1			108	43.267	GKR05-2M □□□080C11	498
	55	2.0	68	1.9			123	49.133	GKR05-2M □□□080C11	498
	52	1.8	63	1.8			131	52.510	GKR05-2M □□□080C11	498
	46	1.6	56	1.6			149	59.630	GKR05-2M □□□080C11	498
	44	2.4	53	2.3			156	62.500	GKR06-2M □□□080C11	498
	40	2.4	48	2.3			172	68.906	GKR06-2M □□□080C11	498



GKR

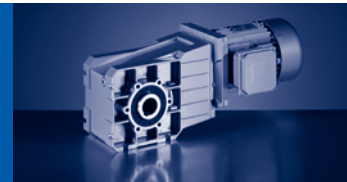
GKR [Nm] - MD□MA (IE1)

50 Hz: P_N=0.75 kW

60 Hz: P_N=0.92 kW

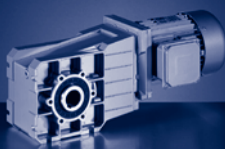
87 Hz: P_N=1.35 kW

n _N	1410 r/min		1710 r/min		2520 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.75 kW		0.92 kW		1.35 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	272	2.8	330	2.6	486	2.3	25	5.185	GKR04-2M □□□080C32	498
	237	2.5	287	2.4	423	2.1	29	5.963	GKR04-2M □□□080C32	498
	225	4.1	273	4.0	403	3.5	30	6.257	GKR05-2M □□□080C32	498
	198	2.3	241	2.2	354	1.9	34	7.111	GKR04-2M □□□080C32	498
	172	2.1	209	2.0	308	1.7	40	8.178	GKR04-2M □□□080C32	498
	155	1.9	188	1.8	277	1.6	44	9.101	GKR04-2M □□□080C32	498
	135	1.8	163	1.7	241	1.5	51	10.466	GKR04-2M □□□080C32	498
	123	1.6	149	1.6	220	1.4	55	11.449	GKR04-2M □□□080C32	498
	111	1.5	135	1.4	198	1.2	61	12.698	GKR04-2M □□□080C32	498
	107	3.4	129	3.2	191	2.8	64	13.216	GKR05-2M □□□080C32	498
	97	1.3	117	1.2	173	1.1	71	14.603	GKR04-2M □□□080C32	498
	94	3.1	114	3.0	168	2.6	72	15.008	GKR05-2M □□□080C32	498
	91	1.2	110	1.2	162	1.0	75	15.556	GKR04-2M □□□080C32	498
	84	3.0	101	2.8	150	2.5	81	16.857	GKR05-2M □□□080C32	498
	79	1.0	96	1.0	141	0.9	86	17.889	GKR04-2M □□□080C32	498
	74	2.6	89	2.5	132	2.2	92	19.143	GKR05-2M □□□080C32	498
	72	1.0	87	0.9	129	0.8	94	19.556	GKR04-2M □□□080C32	498
	68	2.4	83	2.3	122	2.0	100	20.650	GKR05-2M □□□080C32	498
	63	0.8					109	22.489	GKR04-2M □□□080C32	498
	60	2.1	73	2.0	108	1.8	113	23.450	GKR05-2M □□□080C32	498
	53	1.9	64	1.9	94	1.8	130	26.878	GKR05-2M □□□080C32	498
	51	3.3	61	3.3	90	3.2	135	27.903	GKR06-2M □□□080C32	498
	46	1.6	56	1.6	83	1.6	147	30.522	GKR05-2M □□□080C32	498
	45	2.9	54	2.9	80	2.8	152	31.481	GKR06-2M □□□080C32	498
	42	1.5	51	1.5	75	1.4	161	33.433	GKR05-2M □□□080C32	498
	41	2.7	49	2.7	73	2.6	168	34.708	GKR06-2M □□□080C32	498
	37	1.3	45	1.3	66	1.3	183	37.967	GKR05-2M □□□080C32	498
	35	2.3	42	2.3	62	2.3	197	40.741	GKR06-2M □□□080C32	498
	33	1.2	40	1.2	58	1.2	209	43.267	GKR05-2M □□□080C32	498
	31	2.1	38	2.1	56	2.1	217	44.917	GKR06-2M □□□080C32	498
	29	1.0	35	1.0	51	1.0	237	49.133	GKR05-2M □□□080C32	498
	29	1.9	35	1.9	51	1.9	239	49.444	GKR06-2M □□□080C32	498
	27	1.0	33	1.0	48	1.0	253	52.510	GKR05-2M □□□080C32	498
	24	0.8	29	0.8	42	0.8	288	59.630	GKR05-2M □□□080C32	498
	23	1.3	27	1.3	40	1.3	302	62.500	GKR06-2M □□□080C32	498
	21	1.3	25	1.3	37	1.3	333	68.906	GKR06-2M □□□080C32	498



50 Hz: $P_N=1.1$ kW
60 Hz: $P_N=1.3$ kW

n _N	2720 r/min		3320 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	1.1 kW		1.3 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	525	3.0	640	2.8			19	5.185	GKR04-2M □□□080C31	498
	456	2.7	557	2.5			22	5.963	GKR04-2M □□□080C31	498
	435	4.5	531	4.2			23	6.257	GKR05-2M □□□080C31	498
	383	2.4	467	2.3			26	7.111	GKR04-2M □□□080C31	498
	333	2.2	406	2.1			30	8.178	GKR04-2M □□□080C31	498
	299	2.1	365	1.9			33	9.101	GKR04-2M □□□080C31	498
	260	1.9	317	1.8			38	10.466	GKR04-2M □□□080C31	498
	238	1.8	290	1.6			42	11.449	GKR04-2M □□□080C31	498
	214	1.6	262	1.5			47	12.698	GKR04-2M □□□080C31	498
	206	3.6	251	3.4			49	13.216	GKR05-2M □□□080C31	498
	186	1.4	227	1.3			54	14.603	GKR04-2M □□□080C31	498
	181	3.3	221	3.1			55	15.008	GKR05-2M □□□080C31	498
	175	1.3	213	1.2			57	15.556	GKR04-2M □□□080C31	498
	161	3.2	197	3.0			62	16.857	GKR05-2M □□□080C31	498
	152	1.1	186	1.1			66	17.889	GKR04-2M □□□080C31	498
	142	2.8	173	2.6			70	19.143	GKR05-2M □□□080C31	498
	139	1.0	170	1.0			72	19.556	GKR04-2M □□□080C31	498
	132	2.6	161	2.4			76	20.650	GKR05-2M □□□080C31	498
	121	0.9	148	0.8			83	22.489	GKR04-2M □□□080C31	498
	116	2.3	142	2.1			86	23.450	GKR05-2M □□□080C31	498
	108	0.9	132	0.9			92	25.185	GKR04-2M □□□080C31	498
	101	2.3	124	2.1			99	26.878	GKR05-2M □□□080C31	498
	98	4.1	119	3.8			102	27.903	GKR06-2M □□□080C31	498
	89	2.0	109	1.9			112	30.522	GKR05-2M □□□080C31	498
	86	3.6	106	3.3			116	31.481	GKR06-2M □□□080C31	498
	81	1.8	99	1.7			123	33.433	GKR05-2M □□□080C31	498
	72	1.6	87	1.5			139	37.967	GKR05-2M □□□080C31	498
	67	3.0	82	2.9			150	40.741	GKR06-2M □□□080C31	498
	63	1.5	77	1.5			159	43.267	GKR05-2M □□□080C31	498
	61	2.7	74	2.6			165	44.917	GKR06-2M □□□080C31	498
	55	1.3	68	1.3			180	49.133	GKR05-2M □□□080C31	498
	55	2.5	67	2.4			181	49.444	GKR06-2M □□□080C31	498
	52	1.3	63	1.2			193	52.510	GKR05-2M □□□080C31	498
	46	1.1	56	1.1			219	59.630	GKR05-2M □□□080C31	498
	44	1.7	53	1.6			229	62.500	GKR06-2M □□□080C31	498
	40	1.7	48	1.6			253	68.906	GKR06-2M □□□080C31	498



GKR

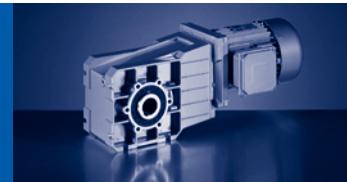
GKR [Nm] - MD□MA (IE1)

50 Hz: P_N=1.1 kW

60 Hz: P_N=1.3 kW

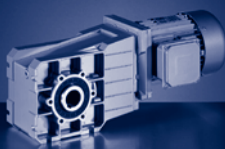
87 Hz: P_N=2.0 kW

n _N	1390 r/min		1690 r/min		2500 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	1.1 kW		1.3 kW		2.0 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	390	4.5	474	4.3	701	3.8	26	3.565	GKR05-2M □□□080C42	498
	268	1.9	326	1.8	482	1.6	37	5.185	GKR04-2M □□□080C42	498
	233	1.7	283	1.6	419	1.4	43	5.963	GKR04-2M □□□080C42	498
	222	3.5	270	3.3	400	2.9	45	6.257	GKR05-2M □□□080C42	498
	196	1.5	238	1.5	352	1.3	51	7.111	GKR04-2M □□□080C42	498
	170	1.4	207	1.3	306	1.2	59	8.178	GKR04-2M □□□080C42	498
	153	1.3	186	1.2	275	1.1	65	9.101	GKR04-2M □□□080C42	498
	147	2.8	179	2.7	265	2.4	68	9.440	GKR05-2M □□□080C42	498
	133	1.2	162	1.1	239	1.0	75	10.466	GKR04-2M □□□080C42	498
	130	2.6	158	2.5	233	2.2	77	10.720	GKR05-2M □□□080C42	498
	121	1.1	148	1.1	218	0.9	82	11.449	GKR04-2M □□□080C42	498
	115	2.4	140	2.3	207	2.0	87	12.081	GKR05-2M □□□080C42	498
	110	1.0	133	1.0	197	0.8	91	12.698	GKR04-2M □□□080C42	498
	105	2.3	128	2.2	189	1.9	95	13.216	GKR05-2M □□□080C42	498
	101	2.2	123	2.1	182	1.9	99	13.719	GKR05-2M □□□080C42	498
	95	0.9	116	0.8			105	14.603	GKR04-2M □□□080C42	498
	93	2.1	113	2.0	167	1.8	108	15.008	GKR05-2M □□□080C42	498
	89	0.8					112	15.556	GKR04-2M □□□080C42	498
	83	2.0	100	1.9	148	1.7	121	16.857	GKR05-2M □□□080C42	498
	73	1.8	88	1.7	131	1.5	137	19.143	GKR05-2M □□□080C42	498
	72	3.2	87	3.1	129	2.7	140	19.444	GKR06-2M □□□080C42	498
	67	1.6	82	1.6	121	1.4	148	20.650	GKR05-2M □□□080C42	498
	65	2.9	79	2.8	117	2.5	154	21.438	GKR06-2M □□□080C42	498
	59	1.4	72	1.4	107	1.2	168	23.450	GKR05-2M □□□080C42	498
	55	2.5	67	2.5	99	2.4	182	25.309	GKR06-2M □□□080C42	498
	52	1.2	63	1.2	93	1.2	193	26.878	GKR05-2M □□□080C42	498
	50	2.3	61	2.3	90	2.2	200	27.903	GKR06-2M □□□080C42	498
	46	1.1	55	1.1	82	1.1	219	30.522	GKR05-2M □□□080C42	498
	44	2.0	54	2.0	79	1.9	226	31.481	GKR06-2M □□□080C42	498
	42	1.0	51	1.0	75	1.0	240	33.433	GKR05-2M □□□080C42	498
	40	1.8	49	1.8	72	1.7	249	34.708	GKR06-2M □□□080C42	498
	37	0.9	45	0.9	66	0.8	273	37.967	GKR05-2M □□□080C42	498
	34	1.5	42	1.5	61	1.5	293	40.741	GKR06-2M □□□080C42	498
	31	1.4	38	1.4	56	1.4	323	44.917	GKR06-2M □□□080C42	498
	28	1.3	34	1.3	51	1.3	355	49.444	GKR06-2M □□□080C42	498



50 Hz: P_N=1.5 kW
60 Hz: P_N=1.8 kW

n _N	2710 r/min		3310 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	1.5 kW		1.8 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	523	2.2	638	2.0			26	5.185	GKR04-2M □□□090C11	498
	455	2.0	555	1.9			30	5.963	GKR04-2M □□□090C11	498
	433	4.1	529	3.8			31	6.257	GKR05-2M □□□090C11	498
	381	1.8	466	1.7			36	7.111	GKR04-2M □□□090C11	498
	331	1.6	405	1.5			41	8.178	GKR04-2M □□□090C11	498
	298	1.5	364	1.4			46	9.101	GKR04-2M □□□090C11	498
	259	1.4	316	1.3			53	10.466	GKR04-2M □□□090C11	498
	253	3.1	309	2.9			54	10.720	GKR05-2M □□□090C11	498
	237	1.3	289	1.2			58	11.449	GKR04-2M □□□090C11	498
	224	2.8	274	2.6			61	12.081	GKR05-2M □□□090C11	498
	213	1.2	261	1.1			64	12.698	GKR04-2M □□□090C11	498
	205	2.7	251	2.5			66	13.216	GKR05-2M □□□090C11	498
	198	2.6	241	2.4			69	13.719	GKR05-2M □□□090C11	498
	186	1.0	227	0.9			73	14.603	GKR04-2M □□□090C11	498
	181	2.4	221	2.3			75	15.008	GKR05-2M □□□090C11	498
	174	1.0	213	0.9			78	15.556	GKR04-2M □□□090C11	498
	161	2.3	196	2.2			85	16.857	GKR05-2M □□□090C11	498
	152	0.8					90	17.889	GKR04-2M □□□090C11	498
	142	2.1	173	1.9			96	19.143	GKR05-2M □□□090C11	498
	131	1.9	160	1.8			104	20.650	GKR05-2M □□□090C11	498
	116	1.7	141	1.6			118	23.450	GKR05-2M □□□090C11	498
	101	1.7	123	1.6			135	26.878	GKR05-2M □□□090C11	498
	97	3.0	119	2.8			140	27.903	GKR06-2M □□□090C11	498
	89	1.5	108	1.4			153	30.522	GKR05-2M □□□090C11	498
	86	2.7	105	2.5			158	31.481	GKR06-2M □□□090C11	498
	81	1.3	99	1.3			168	33.433	GKR05-2M □□□090C11	498
	78	2.4	95	2.3			174	34.708	GKR06-2M □□□090C11	498
	71	1.2	87	1.1			191	37.967	GKR05-2M □□□090C11	498
	67	2.2	81	2.1			205	40.741	GKR06-2M □□□090C11	498
	60	2.0	74	1.9			226	44.917	GKR06-2M □□□090C11	498
	55	1.8	67	1.8			248	49.444	GKR06-2M □□□090C11	498



GKR

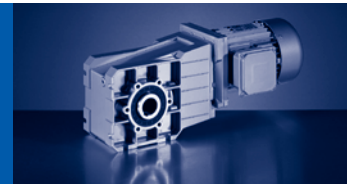
GKR [Nm] - MD□MA (IE1)

50 Hz: P_N=1.5 kW

60 Hz: P_N=1.8 kW

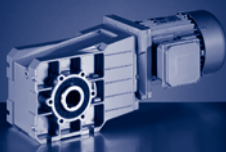
87 Hz: P_N=2.7 kW

n _N	1410 r/min		1710 r/min		2520 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	1.5 kW		1.8 kW		2.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	391	4.0	476	3.8	703	3.3	35	3.565	GKR05-2M □□□090C32	498
	285	3.1	347	3.0	512	2.6	48	4.889	GKR05-2M □□□090C32	498
	269	1.4	327	1.3	483	1.2	51	5.185	GKR04-2M □□□090C32	498
	234	1.2	284	1.2	420	1.1	58	5.963	GKR04-2M □□□090C32	498
	223	2.6	271	2.5	400	2.2	61	6.257	GKR05-2M □□□090C32	498
	203	2.7	246	2.6	364	2.3	67	6.883	GKR05-2M □□□090C32	498
	196	1.1	238	1.1	352	0.9	69	7.111	GKR04-2M □□□090C32	498
	179	2.5	217	2.4	321	2.1	76	7.817	GKR05-2M □□□090C32	498
	171	1.0	207	1.0	306	0.9	80	8.178	GKR04-2M □□□090C32	498
	153	1.0	186	0.9	275	0.8	89	9.101	GKR04-2M □□□090C32	498
	148	2.1	180	2.0	265	1.8	92	9.440	GKR05-2M □□□090C32	498
	133	0.9	162	0.8			102	10.466	GKR04-2M □□□090C32	498
	130	2.0	158	1.9	234	1.6	105	10.720	GKR05-2M □□□090C32	498
	122	0.8					112	11.449	GKR04-2M □□□090C32	498
	116	1.8	140	1.7	207	1.5	118	12.081	GKR05-2M □□□090C32	498
	106	1.7	128	1.6	190	1.4	129	13.216	GKR05-2M □□□090C32	498
	102	1.6	124	1.6	183	1.4	134	13.719	GKR05-2M □□□090C32	498
	102	3.2	124	3.1	183	2.7	134	13.720	GKR06-2M □□□090C32	498
	93	1.5	113	1.5	167	1.3	146	15.008	GKR05-2M □□□090C32	498
	88	2.9	107	2.8	158	2.5	155	15.873	GKR06-2M □□□090C32	498
	83	1.5	101	1.4	149	1.2	164	16.857	GKR05-2M □□□090C32	498
	80	2.6	97	2.5	143	2.2	171	17.500	GKR06-2M □□□090C32	498
	73	1.3	89	1.2	131	1.1	187	19.143	GKR05-2M □□□090C32	498
	72	2.4	87	2.3	129	2.0	190	19.444	GKR06-2M □□□090C32	498
	68	1.2	82	1.1	121	1.0	201	20.650	GKR05-2M □□□090C32	498
	65	2.2	79	2.1	117	1.8	209	21.438	GKR06-2M □□□090C32	498
	60	1.1	72	1.0	107	0.9	229	23.450	GKR05-2M □□□090C32	498
	55	1.8	67	1.8	99	1.8	247	25.309	GKR06-2M □□□090C32	498
	52	0.9	63	0.9	93	0.9	262	26.878	GKR05-2M □□□090C32	498
	50	1.7	61	1.7	90	1.6	272	27.903	GKR06-2M □□□090C32	498
	46	0.8	56	0.8			298	30.522	GKR05-2M □□□090C32	498
	44	1.5	54	1.5	80	1.4	307	31.481	GKR06-2M □□□090C32	498
	40	1.3	49	1.3	72	1.3	339	34.708	GKR06-2M □□□090C32	498
	34	1.1	42	1.1	62	1.1	397	40.741	GKR06-2M □□□090C32	498
	31	1.0	38	1.0	56	1.0	438	44.917	GKR06-2M □□□090C32	498
	28	0.9	34	0.9	51	0.9	482	49.444	GKR06-2M □□□090C32	498



50 Hz: P_N=2.2 kW
60 Hz: P_N=2.6 kW

n _N	2730 r/min		3330 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	2.2 kW		2.6 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	766	4.3	934	4.1			26	3.565	GKR05-2M □□□090C31	498
	527	1.5	642	1.4			38	5.185	GKR04-2M □□□090C31	498
	458	1.4	558	1.3			44	5.963	GKR04-2M □□□090C31	498
	436	2.8	532	2.6			46	6.257	GKR05-2M □□□090C31	498
	397	2.9	484	2.7			50	6.883	GKR05-2M □□□090C31	498
	384	1.2	468	1.1			52	7.111	GKR04-2M □□□090C31	498
	349	2.7	426	2.5			57	7.817	GKR05-2M □□□090C31	498
	334	1.1	407	1.0			60	8.178	GKR04-2M □□□090C31	498
	300	1.0	366	1.0			67	9.101	GKR04-2M □□□090C31	498
	289	2.3	353	2.1			69	9.440	GKR05-2M □□□090C31	498
	261	1.0	318	0.9			77	10.466	GKR04-2M □□□090C31	498
	255	2.1	311	2.0			78	10.720	GKR05-2M □□□090C31	498
	239	0.9	291	0.8			84	11.449	GKR04-2M □□□090C31	498
	226	1.9	276	1.8			88	12.081	GKR05-2M □□□090C31	498
	207	1.8	252	1.7			97	13.216	GKR05-2M □□□090C31	498
	199	1.8	243	1.7			100	13.719	GKR05-2M □□□090C31	498
	182	1.7	222	1.6			110	15.008	GKR05-2M □□□090C31	498
	172	3.2	210	3.0			116	15.873	GKR06-2M □□□090C31	498
	162	1.6	198	1.5			123	16.857	GKR05-2M □□□090C31	498
	156	2.9	190	2.7			128	17.500	GKR06-2M □□□090C31	498
	143	1.4	174	1.3			140	19.143	GKR05-2M □□□090C31	498
	140	2.6	171	2.4			142	19.444	GKR06-2M □□□090C31	498
	132	1.3	161	1.2			151	20.650	GKR05-2M □□□090C31	498
	127	2.4	155	2.2			157	21.438	GKR06-2M □□□090C31	498
	116	1.2	142	1.1			171	23.450	GKR05-2M □□□090C31	498
	108	2.3	132	2.1			185	25.309	GKR06-2M □□□090C31	498
	102	1.1	124	1.1			197	26.878	GKR05-2M □□□090C31	498
	98	2.1	119	1.9			204	27.903	GKR06-2M □□□090C31	498
	89	1.0	109	0.9			223	30.522	GKR05-2M □□□090C31	498
	87	1.8	106	1.7			230	31.481	GKR06-2M □□□090C31	498
	82	0.9	100	0.9			244	33.433	GKR05-2M □□□090C31	498
	79	1.7	96	1.5			254	34.708	GKR06-2M □□□090C31	498
	72	0.8					278	37.967	GKR05-2M □□□090C31	498
	67	1.5	82	1.5			298	40.741	GKR06-2M □□□090C31	498
	61	1.4	74	1.3			328	44.917	GKR06-2M □□□090C31	498
	55	1.2	67	1.2			362	49.444	GKR06-2M □□□090C31	498



GKR

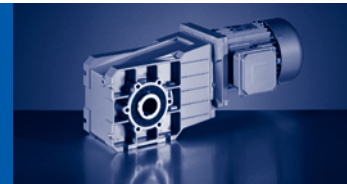
GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=2.2$ kW

60 Hz: $P_N=2.6$ kW

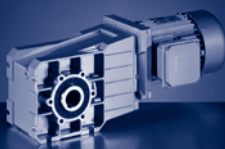
87 Hz: $P_N=3.9$ kW

n _N	1440 r/min		1740 r/min		2550 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	2.2 kW		2.6 kW		3.9 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	404	2.8	488	2.7	715	2.3	49	3.565	GKR05-2M □□□100C12	498
	295	2.2	356	2.1	522	1.8	68	4.889	GKR05-2M □□□100C12	498
	230	1.8	278	1.7	408	1.5	87	6.257	GKR05-2M □□□100C12	498
	209	1.9	253	1.8	371	1.6	95	6.883	GKR05-2M □□□100C12	498
	184	1.7	223	1.6	326	1.5	108	7.817	GKR05-2M □□□100C12	498
	153	1.5	184	1.4	270	1.2	131	9.440	GKR05-2M □□□100C12	498
	147	2.8	178	2.7	260	2.4	136	9.800	GKR06-2M □□□100C12	498
	134	1.4	162	1.3	238	1.2	149	10.720	GKR05-2M □□□100C12	498
	127	2.8	153	2.6	224	2.3	158	11.376	GKR06-2M □□□100C12	498
	119	1.2	144	1.2	211	1.0	167	12.081	GKR05-2M □□□100C12	498
	116	2.6	140	2.5	205	2.2	173	12.444	GKR06-2M □□□100C12	498
	109	1.2	132	1.1	193	1.0	183	13.216	GKR05-2M □□□100C12	498
	105	1.1	127	1.1	186	1.0	190	13.719	GKR05-2M □□□100C12	498
	105	2.2	127	2.1	186	1.9	190	13.720	GKR06-2M □□□100C12	498
	96	1.1	116	1.0	170	0.9	208	15.008	GKR05-2M □□□100C12	498
	91	2.1	110	2.0	161	1.7	220	15.873	GKR06-2M □□□100C12	498
	85	1.0	103	1.0	151	0.9	234	16.857	GKR05-2M □□□100C12	498
	82	1.9	99	1.8	146	1.6	243	17.500	GKR06-2M □□□100C12	498
	75	0.9	91	0.9			265	19.143	GKR05-2M □□□100C12	498
	74	1.7	90	1.6	131	1.4	270	19.444	GKR06-2M □□□100C12	498
	70	0.8					286	20.650	GKR05-2M □□□100C12	498
	67	1.5	81	1.4	119	1.3	297	21.438	GKR06-2M □□□100C12	498
	57	1.3	69	1.3	101	1.2	351	25.309	GKR06-2M □□□100C12	498
	52	1.2	62	1.2	91	1.1	387	27.903	GKR06-2M □□□100C12	498
	46	1.0	55	1.0	81	1.0	436	31.481	GKR06-2M □□□100C12	498
	42	0.9	50	0.9	74	0.9	481	34.708	GKR06-2M □□□100C12	498



50 Hz: P_N=3.0 kW
60 Hz: P_N=3.6 kW

n _N	2890 r/min		3490 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	3.0 kW		3.6 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	811	3.3	979	3.1			34	3.565	GKR05-2M □□□100C31	498
	591	2.6	714	2.4			46	4.889	GKR05-2M □□□100C31	498
	462	2.1	558	2.0			59	6.257	GKR05-2M □□□100C31	498
	420	2.2	507	2.1			65	6.883	GKR05-2M □□□100C31	498
	370	2.0	447	1.9			74	7.817	GKR05-2M □□□100C31	498
	306	1.7	370	1.6			89	9.440	GKR05-2M □□□100C31	498
	270	1.6	326	1.5			101	10.720	GKR05-2M □□□100C31	498
	254	3.3	307	3.1			107	11.376	GKR06-2M □□□100C31	498
	239	1.5	289	1.4			114	12.081	GKR05-2M □□□100C31	498
	232	3.1	280	2.9			117	12.444	GKR06-2M □□□100C31	498
	219	1.4	264	1.3			125	13.216	GKR05-2M □□□100C31	498
	211	1.4	254	1.3			129	13.719	GKR05-2M □□□100C31	498
	211	2.7	254	2.5			129	13.720	GKR06-2M □□□100C31	498
	193	1.3	233	1.2			141	15.008	GKR05-2M □□□100C31	498
	182	2.4	220	2.3			150	15.873	GKR06-2M □□□100C31	498
	171	1.2	207	1.1			159	16.857	GKR05-2M □□□100C31	498
	165	2.2	199	2.1			165	17.500	GKR06-2M □□□100C31	498
	151	1.1	182	1.0			180	19.143	GKR05-2M □□□100C31	498
	149	2.0	180	1.9			183	19.444	GKR06-2M □□□100C31	498
	140	1.0	169	0.9			195	20.650	GKR05-2M □□□100C31	498
	135	1.8	163	1.7			202	21.438	GKR06-2M □□□100C31	498
	123	0.9	149	0.8			221	23.450	GKR05-2M □□□100C31	498
	114	1.7	138	1.6			238	25.309	GKR06-2M □□□100C31	498
	104	1.6	125	1.5			263	27.903	GKR06-2M □□□100C31	498
	92	1.4	111	1.3			297	31.481	GKR06-2M □□□100C31	498
	83	1.3	101	1.2			327	34.708	GKR06-2M □□□100C31	498



GKR

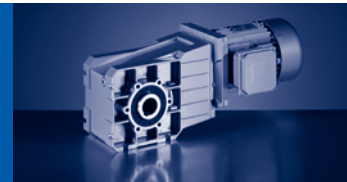
GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=3.0$ kW

60 Hz: $P_N=3.6$ kW

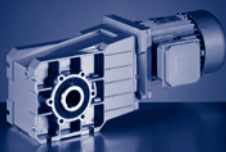
87 Hz: $P_N=5.4$ kW

n _N	1430 r/min		1730 r/min		2540 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	3.0 kW		3.6 kW		5.4 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	417	3.1	504	2.9	740	2.6	65	3.431	GKR06-2M □□□100C32	498
	401	2.0	485	1.9	713	1.7	68	3.565	GKR05-2M □□□100C32	498
	304	2.8	368	2.7	540	2.3	90	4.706	GKR06-2M □□□100C32	498
	293	1.6	354	1.5	520	1.3	93	4.889	GKR05-2M □□□100C32	498
	237	2.4	287	2.3	422	2.1	115	6.022	GKR06-2M □□□100C32	498
	229	1.3	277	1.3	406	1.1	119	6.257	GKR05-2M □□□100C32	498
	221	2.8	267	2.7	392	2.4	123	6.481	GKR06-2M □□□100C32	498
	208	1.4	251	1.3	369	1.2	131	6.883	GKR05-2M □□□100C32	498
	200	2.6	242	2.4	356	2.2	136	7.146	GKR06-2M □□□100C32	498
	183	1.3	221	1.2	325	1.1	149	7.817	GKR05-2M □□□100C32	498
	161	2.4	195	2.3	286	2.0	169	8.889	GKR06-2M □□□100C32	498
	152	1.1	183	1.0	269	0.9	180	9.440	GKR05-2M □□□100C32	498
	146	2.1	177	2.0	259	1.7	187	9.800	GKR06-2M □□□100C32	498
	133	1.0	161	1.0	237	0.8	204	10.720	GKR05-2M □□□100C32	498
	126	2.0	152	1.9	223	1.7	217	11.376	GKR06-2M □□□100C32	498
	118	0.9	143	0.9			230	12.081	GKR05-2M □□□100C32	498
	115	1.9	139	1.8	204	1.6	237	12.444	GKR06-2M □□□100C32	498
	108	0.9	131	0.8			252	13.216	GKR05-2M □□□100C32	498
	104	0.8					261	13.719	GKR05-2M □□□100C32	498
	104	1.6	126	1.6	185	1.4	261	13.720	GKR06-2M □□□100C32	498
	90	1.5	109	1.4	160	1.3	302	15.873	GKR06-2M □□□100C32	498
	82	1.4	99	1.3	145	1.1	333	17.500	GKR06-2M □□□100C32	498
	74	1.2	89	1.2	131	1.0	370	19.444	GKR06-2M □□□100C32	498
	67	1.1	81	1.1	119	0.9	408	21.438	GKR06-2M □□□100C32	498
	57	0.9	68	0.9	100	0.9	482	25.309	GKR06-2M □□□100C32	498
	51	0.9	62	0.9	91	0.8	531	27.903	GKR06-2M □□□100C32	498



50 Hz: $P_N=4.0$ kW
60 Hz: $P_N=4.8$ kW

n _N	2840 r/min		3440 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	4.0 kW		4.8 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	797	2.4	965	2.3			46	3.565	GKR05-2M □□□100C41	498
	581	1.9	704	1.8			63	4.889	GKR05-2M □□□100C41	498
	472	2.9	571	2.8			77	6.022	GKR06-2M □□□100C41	498
	454	1.6	550	1.5			80	6.257	GKR05-2M □□□100C41	498
	413	1.7	500	1.6			88	6.883	GKR05-2M □□□100C41	498
	397	3.1	481	2.9			91	7.146	GKR06-2M □□□100C41	498
	363	1.5	440	1.4			100	7.817	GKR05-2M □□□100C41	498
	320	2.9	387	2.7			114	8.889	GKR06-2M □□□100C41	498
	301	1.3	364	1.2			121	9.440	GKR05-2M □□□100C41	498
	290	2.5	351	2.3			125	9.800	GKR06-2M □□□100C41	498
	265	1.2	321	1.1			137	10.720	GKR05-2M □□□100C41	498
	250	2.4	302	2.3			145	11.376	GKR06-2M □□□100C41	498
	235	1.1	285	1.0			154	12.081	GKR05-2M □□□100C41	498
	228	2.3	276	2.2			159	12.444	GKR06-2M □□□100C41	498
	215	1.0	260	1.0			169	13.216	GKR05-2M □□□100C41	498
	207	1.0	251	0.9			175	13.719	GKR05-2M □□□100C41	498
	207	2.0	251	1.8			175	13.720	GKR06-2M □□□100C41	498
	189	0.9	229	0.9			192	15.008	GKR05-2M □□□100C41	498
	179	1.8	217	1.7			203	15.873	GKR06-2M □□□100C41	498
	169	0.9	204	0.8			215	16.857	GKR05-2M □□□100C41	498
	162	1.6	197	1.5			224	17.500	GKR06-2M □□□100C41	498
	146	1.5	177	1.4			249	19.444	GKR06-2M □□□100C41	498
	133	1.3	161	1.3			274	21.438	GKR06-2M □□□100C41	498
	112	1.3	136	1.2			323	25.309	GKR06-2M □□□100C41	498
	102	1.2	123	1.1			357	27.903	GKR06-2M □□□100C41	498
	90	1.0	109	1.0			402	31.481	GKR06-2M □□□100C41	498
	82	0.9	99	0.9			444	34.708	GKR06-2M □□□100C41	498



GKR

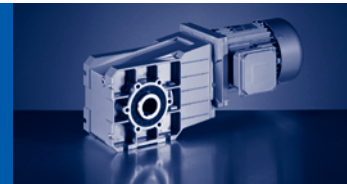
GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=4.0$ kW

60 Hz: $P_N=4.8$ kW

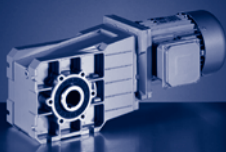
87 Hz: $P_N=7.1$ kW

n _N	1450 r/min		1750 r/min		2560 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	4.0 kW		4.8 kW		7.1 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	423	2.3	510	2.2	746	2.0	86	3.431	GKR06-2M □□□112C22	498
	308	2.1	372	2.0	544	1.8	118	4.706	GKR06-2M □□□112C22	498
	241	1.9	291	1.8	425	1.6	151	6.022	GKR06-2M □□□112C22	498
	224	2.2	270	2.1	395	1.8	162	6.481	GKR06-2M □□□112C22	498
	203	2.0	245	1.9	358	1.6	179	7.146	GKR06-2M □□□112C22	498
	163	1.8	197	1.7	288	1.5	223	8.889	GKR06-2M □□□112C22	498
	148	1.6	179	1.5	261	1.3	245	9.800	GKR06-2M □□□112C22	498
	128	1.5	154	1.5	225	1.3	285	11.376	GKR06-2M □□□112C22	498
	117	1.4	141	1.4	206	1.2	311	12.444	GKR06-2M □□□112C22	498
	106	1.2	128	1.2	187	1.0	343	13.720	GKR06-2M □□□112C22	498
	91	1.1	110	1.1	161	1.0	397	15.873	GKR06-2M □□□112C22	498
	83	1.0	100	1.0	146	0.9	438	17.500	GKR06-2M □□□112C22	498
	75	0.9	90	0.9			487	19.444	GKR06-2M □□□112C22	498
	68	0.8					537	21.438	GKR06-2M □□□112C22	498



50 Hz: $P_N=5.5$ kW
60 Hz: $P_N=6.6$ kW

n _N	2900 r/min		3500 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	5.5 kW		6.6 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	845	2.7	1020	2.6			59	3.431	GKR06-2M □□□112C31	498
	616	2.5	744	2.3			81	4.706	GKR06-2M □□□112C31	498
	482	2.2	581	2.0			104	6.022	GKR06-2M □□□112C31	498
	447	2.5	540	2.4			112	6.481	GKR06-2M □□□112C31	498
	406	2.3	490	2.1			123	7.146	GKR06-2M □□□112C31	498
	326	2.1	394	2.0			153	8.889	GKR06-2M □□□112C31	498
	296	1.8	357	1.7			169	9.800	GKR06-2M □□□112C31	498
	255	1.8	308	1.7			196	11.376	GKR06-2M □□□112C31	498
	233	1.7	281	1.6			214	12.444	GKR06-2M □□□112C31	498
	211	1.5	255	1.4			236	13.720	GKR06-2M □□□112C31	498
	183	1.3	221	1.2			273	15.873	GKR06-2M □□□112C31	498
	166	1.2	200	1.1			301	17.500	GKR06-2M □□□112C31	498
	149	1.1	180	1.0			335	19.444	GKR06-2M □□□112C31	498
	135	1.0	163	0.9			369	21.438	GKR06-2M □□□112C31	498



GKR

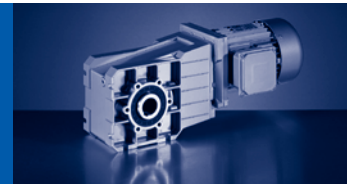
GKR [Nm] - MD□MA (IE1)

50 Hz: $P_N=5.5$ kW

60 Hz: $P_N=6.6$ kW

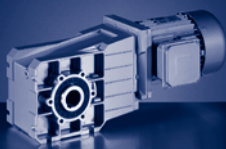
87 Hz: $P_N=9.7$ kW

n _N	1445 r/min		1745 r/min		2555 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	5.5 kW		6.6 kW		9.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	421	1.7	509	1.6	745	1.4	119	3.431	GKR06-2M □□□112C32	498
	307	1.5	371	1.5	543	1.3	163	4.706	GKR06-2M □□□112C32	498
	240	1.4	290	1.3	424	1.1	208	6.022	GKR06-2M □□□112C32	498
	223	1.6	269	1.5	394	1.3	224	6.481	GKR06-2M □□□112C32	498
	202	1.4	244	1.3	358	1.2	247	7.146	GKR06-2M □□□112C32	498
	163	1.3	196	1.3	287	1.1	307	8.889	GKR06-2M □□□112C32	498
	147	1.1	178	1.1	261	1.0	338	9.800	GKR06-2M □□□112C32	498
	127	1.1	153	1.1	225	0.9	393	11.376	GKR06-2M □□□112C32	498
	116	1.1	140	1.0	205	0.9	430	12.444	GKR06-2M □□□112C32	498
	105	0.9	127	0.9			474	13.720	GKR06-2M □□□112C32	498
	91	0.8					548	15.873	GKR06-2M □□□112C32	498



50 Hz: $P_N=7.5$ kW
60 Hz: $P_N=9.0$ kW

n _N	2890 r/min		3490 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	7.5 kW		9.0 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	842	2.0	1017	1.9			81	3.431	GKR06-2M □□□112C41	498
	614	1.8	742	1.7			111	4.706	GKR06-2M □□□112C41	498
	480	1.6	580	1.5			142	6.022	GKR06-2M □□□112C41	498
	446	1.8	539	1.7			153	6.481	GKR06-2M □□□112C41	498
	404	1.7	488	1.6			168	7.146	GKR06-2M □□□112C41	498
	325	1.6	393	1.5			209	8.889	GKR06-2M □□□112C41	498
	295	1.3	356	1.3			231	9.800	GKR06-2M □□□112C41	498
	254	1.3	307	1.2			268	11.376	GKR06-2M □□□112C41	498
	232	1.2	280	1.2			293	12.444	GKR06-2M □□□112C41	498
	211	1.1	254	1.0			323	13.720	GKR06-2M □□□112C41	498
	182	1.0	220	0.9			374	15.873	GKR06-2M □□□112C41	498
	165	0.9	199	0.8			412	17.500	GKR06-2M □□□112C41	498



GKR

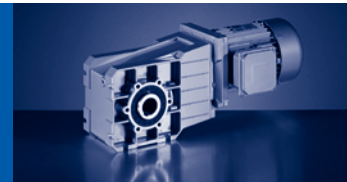
GKR [Nm] - MH□MA (IE2)

50 Hz: P_N=0.75 kW

60 Hz: P_N=0.92 kW

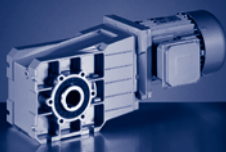
87 Hz: P_N=1.35 kW

n _N	1410 r/min		1710 r/min		2520 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.75 kW		0.92 kW		1.35 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	272	2.8	330	2.6	486	2.3	25	5.185	GKR04-2M □□□080C32	506
	237	2.5	287	2.4	423	2.1	29	5.963	GKR04-2M □□□080C32	506
	225	4.1	273	4.0	403	3.5	30	6.257	GKR05-2M □□□080C32	506
	198	2.3	241	2.2	354	1.9	34	7.111	GKR04-2M □□□080C32	506
	172	2.1	209	2.0	308	1.7	40	8.178	GKR04-2M □□□080C32	506
	155	1.9	188	1.8	277	1.6	44	9.101	GKR04-2M □□□080C32	506
	135	1.8	163	1.7	241	1.5	51	10.466	GKR04-2M □□□080C32	506
	123	1.6	149	1.6	220	1.4	55	11.449	GKR04-2M □□□080C32	506
	111	1.5	135	1.4	198	1.2	61	12.698	GKR04-2M □□□080C32	506
	107	3.4	129	3.2	191	2.8	64	13.216	GKR05-2M □□□080C32	506
	97	1.3	117	1.2	173	1.1	71	14.603	GKR04-2M □□□080C32	506
	94	3.1	114	3.0	168	2.6	72	15.008	GKR05-2M □□□080C32	506
	91	1.2	110	1.2	162	1.0	75	15.556	GKR04-2M □□□080C32	506
	84	3.0	101	2.8	150	2.5	81	16.857	GKR05-2M □□□080C32	506
	79	1.0	96	1.0	141	0.9	86	17.889	GKR04-2M □□□080C32	506
	74	2.6	89	2.5	132	2.2	92	19.143	GKR05-2M □□□080C32	506
	72	1.0	87	0.9	129	0.8	94	19.556	GKR04-2M □□□080C32	506
	68	2.4	83	2.3	122	2.0	100	20.650	GKR05-2M □□□080C32	506
	63	0.8					109	22.489	GKR04-2M □□□080C32	506
	60	2.1	73	2.0	108	1.8	113	23.450	GKR05-2M □□□080C32	506
	53	1.9	64	1.9	94	1.8	130	26.878	GKR05-2M □□□080C32	506
	51	3.3	61	3.3	90	3.2	135	27.903	GKR06-2M □□□080C32	506
	46	1.6	56	1.6	83	1.6	147	30.522	GKR05-2M □□□080C32	506
	45	2.9	54	2.9	80	2.8	152	31.481	GKR06-2M □□□080C32	506
	42	1.5	51	1.5	75	1.4	161	33.433	GKR05-2M □□□080C32	506
	41	2.7	49	2.7	73	2.6	168	34.708	GKR06-2M □□□080C32	506
	37	1.3	45	1.3	66	1.3	183	37.967	GKR05-2M □□□080C32	506
	35	2.3	42	2.3	62	2.3	197	40.741	GKR06-2M □□□080C32	506
	33	1.2	40	1.2	58	1.2	209	43.267	GKR05-2M □□□080C32	506
	31	2.1	38	2.1	56	2.1	217	44.917	GKR06-2M □□□080C32	506
	29	1.0	35	1.0	51	1.0	237	49.133	GKR05-2M □□□080C32	506
	29	1.9	35	1.9	51	1.9	239	49.444	GKR06-2M □□□080C32	506
	27	1.0	33	1.0	48	1.0	253	52.510	GKR05-2M □□□080C32	506
	24	0.8	29	0.8	42	0.8	288	59.630	GKR05-2M □□□080C32	506
	23	1.3	27	1.3	40	1.3	302	62.500	GKR06-2M □□□080C32	506
	21	1.3	25	1.3	37	1.3	333	68.906	GKR06-2M □□□080C32	506



50 Hz: P_N=1.1 kW
60 Hz: P_N=1.3 kW
87 Hz: P_N=2.0 kW

n _N	1430 r/min		1730 r/min		2540 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	1.1 kW		1.3 kW		2.0 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	401	5.5	485	5.3	713	4.7	25	3.565	GKR05-2M □□□090C12	506
	276	1.9	334	1.8	490	1.6	36	5.185	GKR04-2M □□□090C12	506
	240	1.7	290	1.7	426	1.5	42	5.963	GKR04-2M □□□090C12	506
	229	3.6	277	3.4	406	3.0	44	6.257	GKR05-2M □□□090C12	506
	201	1.6	243	1.5	357	1.3	50	7.111	GKR04-2M □□□090C12	506
	175	1.4	212	1.4	311	1.2	57	8.178	GKR04-2M □□□090C12	506
	157	1.3	190	1.3	279	1.1	64	9.101	GKR04-2M □□□090C12	506
	152	2.9	183	2.8	269	2.4	66	9.440	GKR05-2M □□□090C12	506
	137	1.2	165	1.2	243	1.0	73	10.466	GKR04-2M □□□090C12	506
	133	2.7	161	2.6	237	2.3	75	10.720	GKR05-2M □□□090C12	506
	125	1.1	151	1.1	222	1.0	80	11.449	GKR04-2M □□□090C12	506
	118	2.5	143	2.4	210	2.1	84	12.081	GKR05-2M □□□090C12	506
	113	1.0	136	1.0	200	0.9	89	12.698	GKR04-2M □□□090C12	506
	108	2.3	131	2.2	192	2.0	92	13.216	GKR05-2M □□□090C12	506
	104	2.3	126	2.2	185	1.9	96	13.719	GKR05-2M □□□090C12	506
	98	0.9	119	0.8			102	14.603	GKR04-2M □□□090C12	506
	95	2.1	115	2.0	169	1.8	105	15.008	GKR05-2M □□□090C12	506
	92	0.8					109	15.556	GKR04-2M □□□090C12	506
	85	2.0	103	2.0	151	1.7	118	16.857	GKR05-2M □□□090C12	506
	75	1.8	90	1.7	133	1.5	134	19.143	GKR05-2M □□□090C12	506
	69	1.7	84	1.6	123	1.4	144	20.650	GKR05-2M □□□090C12	506
	67	3.0	81	2.9	119	2.5	150	21.438	GKR06-2M □□□090C12	506
	61	1.5	74	1.4	108	1.2	164	23.450	GKR05-2M □□□090C12	506
	57	2.6	68	2.6	100	2.4	177	25.309	GKR06-2M □□□090C12	506
	53	1.3	64	1.3	95	1.2	188	26.878	GKR05-2M □□□090C12	506
	51	2.3	62	2.3	91	2.2	195	27.903	GKR06-2M □□□090C12	506
	47	1.1	57	1.1	83	1.1	213	30.522	GKR05-2M □□□090C12	506
	45	2.1	55	2.1	81	2.0	220	31.481	GKR06-2M □□□090C12	506
	43	1.0	52	1.0	76	1.0	233	33.433	GKR05-2M □□□090C12	506
	41	1.9	50	1.9	73	1.8	242	34.708	GKR06-2M □□□090C12	506
	38	0.9	46	0.9	67	0.9	265	37.967	GKR05-2M □□□090C12	506
	35	1.6	43	1.6	62	1.6	284	40.741	GKR06-2M □□□090C12	506
	32	1.4	39	1.4	57	1.4	314	44.917	GKR06-2M □□□090C12	506
	29	1.3	35	1.3	51	1.3	345	49.444	GKR06-2M □□□090C12	506



GKR

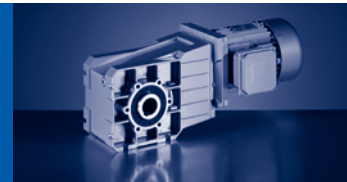
GKR [Nm] - MH□MA (IE2)

50 Hz: P_N=1.5 kW

60 Hz: P_N=1.8 kW

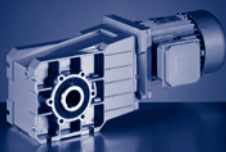
87 Hz: P_N=2.7 kW

n _N	1435 r/min		1735 r/min		2545 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	1.5 kW		1.8 kW		2.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	403	4.1	487	3.9	714	3.4	34	3.565	GKR05-2M □□□090C32	506
	294	3.2	355	3.0	521	2.7	46	4.889	GKR05-2M □□□090C32	506
	277	1.4	335	1.3	491	1.2	49	5.185	GKR04-2M □□□090C32	506
	241	1.3	291	1.2	427	1.1	57	5.963	GKR04-2M □□□090C32	506
	229	2.6	277	2.5	407	2.2	59	6.257	GKR05-2M □□□090C32	506
	209	2.8	252	2.6	370	2.3	65	6.883	GKR05-2M □□□090C32	506
	202	1.2	244	1.1	358	1.0	67	7.111	GKR04-2M □□□090C32	506
	184	2.5	222	2.4	326	2.1	74	7.817	GKR05-2M □□□090C32	506
	176	1.1	212	1.0	311	0.9	78	8.178	GKR04-2M □□□090C32	506
	158	1.0	191	0.9	280	0.8	86	9.101	GKR04-2M □□□090C32	506
	152	2.1	184	2.0	270	1.8	90	9.440	GKR05-2M □□□090C32	506
	137	0.9	166	0.9			99	10.466	GKR04-2M □□□090C32	506
	134	2.0	162	1.9	237	1.7	102	10.720	GKR05-2M □□□090C32	506
	125	0.8					109	11.449	GKR04-2M □□□090C32	506
	119	1.8	144	1.7	211	1.5	115	12.081	GKR05-2M □□□090C32	506
	109	1.7	131	1.6	193	1.4	125	13.216	GKR05-2M □□□090C32	506
	105	1.7	127	1.6	186	1.4	130	13.719	GKR05-2M □□□090C32	506
	96	1.6	116	1.5	170	1.3	142	15.008	GKR05-2M □□□090C32	506
	90	3.0	109	2.9	160	2.5	151	15.873	GKR06-2M □□□090C32	506
	85	1.5	103	1.4	151	1.3	160	16.857	GKR05-2M □□□090C32	506
	82	2.7	99	2.6	145	2.3	166	17.500	GKR06-2M □□□090C32	506
	75	1.3	91	1.3	133	1.1	182	19.143	GKR05-2M □□□090C32	506
	74	2.4	89	2.3	131	2.1	184	19.444	GKR06-2M □□□090C32	506
	70	1.2	84	1.2	123	1.0	196	20.650	GKR05-2M □□□090C32	506
	67	2.2	81	2.1	119	1.9	203	21.438	GKR06-2M □□□090C32	506
	61	1.1	74	1.0	109	0.9	222	23.450	GKR05-2M □□□090C32	506
	57	1.9	69	1.9	101	1.8	240	25.309	GKR06-2M □□□090C32	506
	53	0.9	65	0.9	95	0.9	255	26.878	GKR05-2M □□□090C32	506
	51	1.7	62	1.7	91	1.6	265	27.903	GKR06-2M □□□090C32	506
	47	0.8	57	0.8			289	30.522	GKR05-2M □□□090C32	506
	46	1.5	55	1.5	81	1.4	299	31.481	GKR06-2M □□□090C32	506
	41	1.4	50	1.4	73	1.3	329	34.708	GKR06-2M □□□090C32	506
	35	1.2	43	1.2	63	1.2	386	40.741	GKR06-2M □□□090C32	506
	32	1.1	39	1.1	57	1.1	426	44.917	GKR06-2M □□□090C32	506
	29	1.0	35	1.0	52	1.0	469	49.444	GKR06-2M □□□090C32	506



50 Hz: P_N=2.2 kW
60 Hz: P_N=2.6 kW
87 Hz: P_N=3.9 kW

n _N	1445 r/min		1745 r/min		2555 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	2.2 kW		2.6 kW		3.9 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	405	2.8	490	2.7	717	2.3	49	3.565	GKR05-2M □□□100C12	506
	296	2.2	357	2.1	523	1.8	68	4.889	GKR05-2M □□□100C12	506
	231	1.8	279	1.7	408	1.5	86	6.257	GKR05-2M □□□100C12	506
	210	1.9	254	1.8	371	1.6	95	6.883	GKR05-2M □□□100C12	506
	185	1.7	223	1.7	327	1.5	108	7.817	GKR05-2M □□□100C12	506
	153	1.5	185	1.4	271	1.2	130	9.440	GKR05-2M □□□100C12	506
	147	2.8	178	2.7	261	2.4	135	9.800	GKR06-2M □□□100C12	506
	135	1.4	163	1.3	238	1.2	148	10.720	GKR05-2M □□□100C12	506
	127	2.8	153	2.6	225	2.3	157	11.376	GKR06-2M □□□100C12	506
	120	1.3	144	1.2	212	1.0	167	12.081	GKR05-2M □□□100C12	506
	116	2.6	140	2.5	205	2.2	172	12.444	GKR06-2M □□□100C12	506
	109	1.2	132	1.1	193	1.0	183	13.216	GKR05-2M □□□100C12	506
	105	1.1	127	1.1	186	1.0	190	13.719	GKR05-2M □□□100C12	506
	105	2.3	127	2.1	186	1.9	190	13.720	GKR06-2M □□□100C12	506
	96	1.1	116	1.0	170	0.9	207	15.008	GKR05-2M □□□100C12	506
	91	2.1	110	2.0	161	1.7	219	15.873	GKR06-2M □□□100C12	506
	86	1.0	104	1.0	152	0.9	233	16.857	GKR05-2M □□□100C12	506
	83	1.9	100	1.8	146	1.6	242	17.500	GKR06-2M □□□100C12	506
	76	0.9	91	0.9			264	19.143	GKR05-2M □□□100C12	506
	74	1.7	90	1.6	131	1.4	269	19.444	GKR06-2M □□□100C12	506
	70	0.8	85	0.8			285	20.650	GKR05-2M □□□100C12	506
	67	1.5	81	1.5	119	1.3	296	21.438	GKR06-2M □□□100C12	506
	57	1.3	69	1.3	101	1.2	350	25.309	GKR06-2M □□□100C12	506
	52	1.2	63	1.2	92	1.1	385	27.903	GKR06-2M □□□100C12	506
	46	1.0	55	1.0	81	1.0	435	31.481	GKR06-2M □□□100C12	506
	42	0.9	50	0.9	74	0.9	479	34.708	GKR06-2M □□□100C12	506



GKR

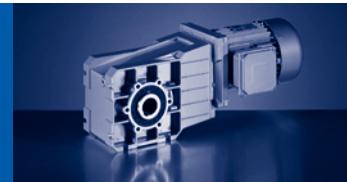
GKR [Nm] - MH□MA (IE2)

50 Hz: P_N=3.0 kW

60 Hz: P_N=3.6 kW

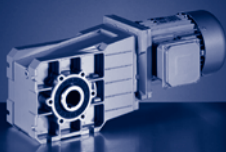
87 Hz: P_N=5.4 kW

n _N	1445 r/min		1745 r/min		2555 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	3.0 kW		3.6 kW		5.4 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	421	3.1	509	2.9	745	2.6	65	3.431	GKR06-2M □□□100C32	506
	405	2.1	490	2.0	717	1.7	67	3.565	GKR05-2M □□□100C32	506
	307	2.8	371	2.7	543	2.4	89	4.706	GKR06-2M □□□100C32	506
	296	1.6	357	1.5	523	1.3	92	4.889	GKR05-2M □□□100C32	506
	240	2.5	290	2.4	424	2.1	113	6.022	GKR06-2M □□□100C32	506
	231	1.3	279	1.3	408	1.1	118	6.257	GKR05-2M □□□100C32	506
	223	2.9	269	2.7	394	2.4	122	6.481	GKR06-2M □□□100C32	506
	210	1.4	254	1.3	371	1.2	130	6.883	GKR05-2M □□□100C32	506
	202	2.6	244	2.5	358	2.2	135	7.146	GKR06-2M □□□100C32	506
	185	1.3	223	1.2	327	1.1	147	7.817	GKR05-2M □□□100C32	506
	163	2.4	196	2.3	287	2.0	167	8.889	GKR06-2M □□□100C32	506
	153	1.1	185	1.0	271	0.9	178	9.440	GKR05-2M □□□100C32	506
	147	2.1	178	2.0	261	1.7	185	9.800	GKR06-2M □□□100C32	506
	135	1.0	163	1.0	238	0.8	202	10.720	GKR05-2M □□□100C32	506
	127	2.0	153	1.9	225	1.7	214	11.376	GKR06-2M □□□100C32	506
	120	0.9	144	0.9			228	12.081	GKR05-2M □□□100C32	506
	116	1.9	140	1.8	205	1.6	234	12.444	GKR06-2M □□□100C32	506
	109	0.9	132	0.8			249	13.216	GKR05-2M □□□100C32	506
	105	0.8					258	13.719	GKR05-2M □□□100C32	506
	105	1.7	127	1.6	186	1.4	258	13.720	GKR06-2M □□□100C32	506
	91	1.5	110	1.4	161	1.3	299	15.873	GKR06-2M □□□100C32	506
	83	1.4	100	1.3	146	1.1	330	17.500	GKR06-2M □□□100C32	506
	74	1.2	90	1.2	131	1.0	366	19.444	GKR06-2M □□□100C32	506
	67	1.1	81	1.1	119	0.9	404	21.438	GKR06-2M □□□100C32	506
	57	0.9	69	0.9	101	0.9	477	25.309	GKR06-2M □□□100C32	506
	52	0.9	63	0.9	92	0.8	526	27.903	GKR06-2M □□□100C32	506



50 Hz: $P_N=4.0$ kW
60 Hz: $P_N=4.8$ kW
87 Hz: $P_N=7.1$ kW

n _N	1455 r/min		1755 r/min		2565 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	4.0 kW		4.8 kW		7.1 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	424	2.3	512	2.2	748	2.0	86	3.431	GKR06-2M □□□112C22	506
	309	2.1	373	2.0	545	1.8	117	4.706	GKR06-2M □□□112C22	506
	242	1.9	291	1.8	426	1.6	150	6.022	GKR06-2M □□□112C22	506
	225	2.2	271	2.1	396	1.8	162	6.481	GKR06-2M □□□112C22	506
	204	2.0	246	1.9	359	1.6	178	7.146	GKR06-2M □□□112C22	506
	164	1.8	197	1.8	289	1.5	222	8.889	GKR06-2M □□□112C22	506
	149	1.6	179	1.5	262	1.3	244	9.800	GKR06-2M □□□112C22	506
	128	1.5	154	1.5	226	1.3	284	11.376	GKR06-2M □□□112C22	506
	117	1.5	141	1.4	206	1.2	310	12.444	GKR06-2M □□□112C22	506
	106	1.3	128	1.2	187	1.0	342	13.720	GKR06-2M □□□112C22	506
	92	1.1	111	1.1	162	1.0	396	15.873	GKR06-2M □□□112C22	506
	83	1.0	100	1.0	147	0.9	437	17.500	GKR06-2M □□□112C22	506
	75	0.9	90	0.9			485	19.444	GKR06-2M □□□112C22	506
	68	0.8					535	21.438	GKR06-2M □□□112C22	506



GKR

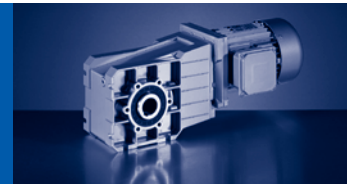
GKR [Nm] - MH□MA (IE2)

50 Hz: $P_N=5.5$ kW

60 Hz: $P_N=6.6$ kW

87 Hz: $P_N=9.7$ kW

n _N	1470 r/min		1770 r/min		2580 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	5.5 kW		6.6 kW		9.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	428	1.7	516	1.6	752	1.4	117	3.431	GKR06-2M□□□132C12	506
	312	1.6	376	1.5	548	1.3	160	4.706	GKR06-2M□□□132C12	506
	244	1.4	294	1.3	428	1.1	204	6.022	GKR06-2M□□□132C12	506
	227	1.6	273	1.5	398	1.3	220	6.481	GKR06-2M□□□132C12	506
	206	1.4	248	1.4	361	1.2	243	7.146	GKR06-2M□□□132C12	506
	165	1.4	199	1.3	290	1.1	302	8.889	GKR06-2M□□□132C12	506
	150	1.2	181	1.1	263	1.0	333	9.800	GKR06-2M□□□132C12	506
	129	1.1	156	1.1	227	0.9	386	11.376	GKR06-2M□□□132C12	506
	118	1.1	142	1.0	207	0.9	422	12.444	GKR06-2M□□□132C12	506
	107	0.9	129	0.9			466	13.720	GKR06-2M□□□132C12	506
	93	0.8					539	15.873	GKR06-2M□□□132C12	506

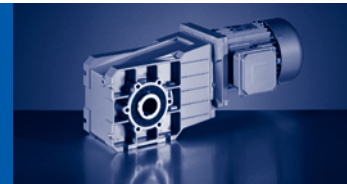


50 Hz: $P_N=7.5$ kW
60 Hz: $P_N=9.0$ kW
87 Hz: $P_N=13.2$ kW

n _N	1460 r/min		1760 r/min		2570 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	7.5 kW		9.0 kW		13.2 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	426	1.3	513	1.2	749	1.1	160	3.431	GKR06-2M□□□132C22	506
	310	1.1	374	1.1	546	1.0	219	4.706	GKR06-2M□□□132C22	506
	242	1.0	292	1.0	427	0.8	281	6.022	GKR06-2M□□□132C22	506
	225	1.2	272	1.1	397	1.0	302	6.481	GKR06-2M□□□132C22	506
	204	1.1	246	1.0	360	0.9	333	7.146	GKR06-2M□□□132C22	506
	164	1.0	198	0.9	289	0.8	414	8.889	GKR06-2M□□□132C22	506
	149	0.8					457	9.800	GKR06-2M□□□132C22	506
	128	0.8					530	11.376	GKR06-2M□□□132C22	506



		063C02	063C11	063C12	063C22	063C31	063C32	063C42	071C11 071C13 071C31
g		123							139
g ₁	MDEMAXX MDSMAXX	100							109
	MDEMABR MDSMABR	107							118
k ₁	MDEMAXX MDSMAXX	156	187	156	187			207	
k ₂		100	120	100	120				
Δ k	MDEMABR MDSMABR	71	40	71	40			52	
	MDFMAXX		128		128				
	MDFMABR		170		170			165	
		k							
GKR03		301	332	301		332			
GKR04		383			383			403	
GKR05							436	456	
GKR06							488	508	



		071C32	071C33	071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31	090C32	100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41
g		139			156	176		194	218	
g ₁	MDEMAXX MDSMAXX	109			145	152		161	171	
	MDEMABR MDSMABR	118			132	137		147	158	
k ₁	MDEMAXX MDSMAXX	207			224.5	274	248	309	319	363
k ₂		120			145	180			222	
Δ k	MDEMABR MDSMABR	52			73	68		76	90	
	MDFMAXX	128						109	102	
	MDFMABR	165			183	181		170	183	
		k								
GKR03		352		352						
GKR04		403			425	485	459			
GKR05		456			479	538	512	573		
GKR06		508			530	590	564	625	641	685

	a	a ₇	a ₈	h	o	p ¹⁾	p ₁	s ₆
GKR03	29	66	39	50	142	117	48	25
GKR04	36	88	65	63	189	151	63	25
GKR05	40			80	250.5	181	82	
GKR06	51			100	307	226	100	

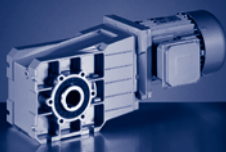
	d ²⁾	d ₁	l ¹⁾	l ₁	l ₂	u	t ³⁾	i ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	H7					JS9	+0,2			J7			
GKR03	18	30	100	85	22	6	20.8	2.5	85	55	70	2.5	M6x12
	20	30	100	85	22	6	22.8	2.5					
GKR04	20	30	120	105	25	6	22.8	2.5	104	62	88	3	M8x16
	25	35	120	105	25	8	27	2.5					
GKR05	30	50	143	127	25	8	33.3	4	116	80	100	4	M8x15
	35	50	143	127	25	10	38.3	4					
GKR06	40	65	170	150	30	12	43.3	5	140	100	120	4	M10x22
	45	65	170	150	30	14	48.8	5					

	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	9
GKR06	120	125	12	145	164	32	53	11

¹⁾ k₂ !

²⁾ l₂ !

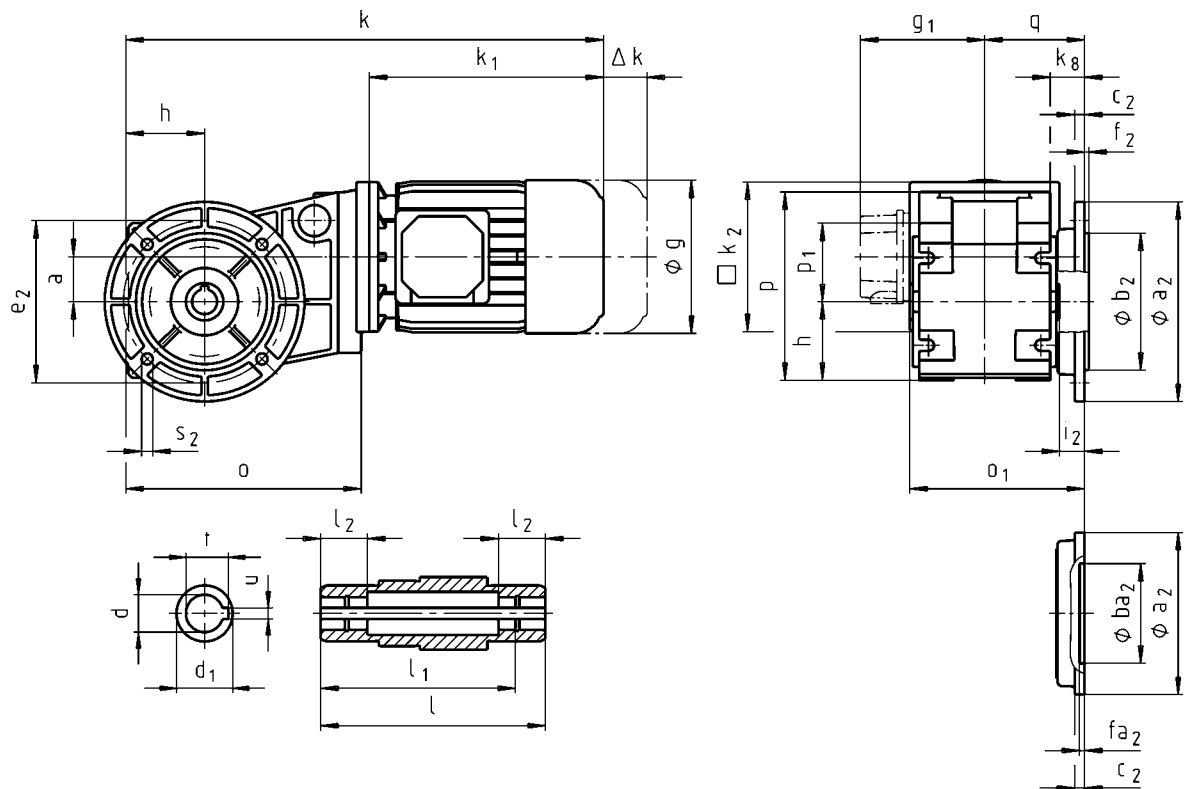
³⁾ d = 25 mm > DIN 6885/3



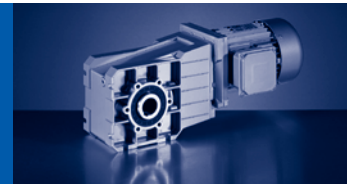
GKR

GKR [mm] - MD□MA (IE1)

GKR□□-2M HAK



		063C02	063C11	063C12	063C22	063C31	063C32	063C42	071C11 071C13 071C31
g					123				139
g₁	MDEMAXX				100				109
	MDSMAXX				107				118
k₁	MDEMAXX	156	187	156	187				207
k₂	MDSMAXX	100	120	100	120				
Δ k	MDEMABR	71	40	71	40				52
	MDSMABR								
	MDFMAXX		128		128				
	MDFMABR		170		170				165
k									
GKR03		301	332	301	332				
GKR04			383		383				403
GKR05							436		456
GKR06							488		508



		071C32	071C33	071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31	090C32	100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41
g		139			156	176		194	218	
g ₁	MDEMAXX MDSMAXX	109			145	152		161	171	
	MDEMABR MDSMABR	118			132	137		147	158	
k ₁	MDEMAXX MDSMAXX	207			224.5	274	248	309	319	363
k ₂		120			145	180			222	
Δ k	MDEMABR MDSMABR	52			73	68		76	90	
	MDFMAXX	128						109	102	
	MDFMABR	165			183	181		170	183	
		k								
GKR03		352		352						
GKR04		403			425	485	459			
GKR05		456			479	538	512	573		
GKR06		508			530	590	564	625	641	685

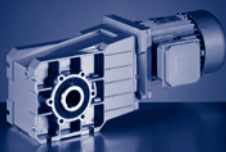
	a	h	k _g	o	p ¹⁾	p ₁	q
GKR03	29	50	35	142	117	48	80
GKR04	36	63	28	189	151	63	80
GKR05	40	80	47.5	250.5	181	82	105
GKR06	51	100	54	307	226	100	126.5

	d ²⁾	d ₁	l	l ₁	l ₂	u	t ³⁾	i ₂	o ₁ ¹⁾	a ₂	b ₂	ba ₂	c ₂	e ₂	f ₂	fa ₂	s ₂
	H7					JS9	+0,2				j7	H7					
GKR03	18	30	100	85	22	6	20.8	30	130	120	80	-	8	100	3	-	7
	20	30	100	85	22	6	22.8	30	130	110	-	60	8	87	-	4	9
GKR04	20	30	120	105	25	6	22.8	20	140	120	80		8	100	3		7
	25	35	120	105	25	8	27	20	140	160	110		8	130	3.5		9
GKR05	30	50	143	127	25	8	33.3	33.5	176.5	160	110		12	130	3.5		9
	35	50	143	127	25	10	38.3	33.5	176.5	200	130		12	165	3.5		11
GKR06	40	65	170	150	30	12	43.3	41.5	211.5	200	130		12	165	3.5		11
	45	65	170	150	30	14	48.8	41.5	211.5	250	180		12	215	4		14

¹⁾ k₂ !

²⁾ l₂ !

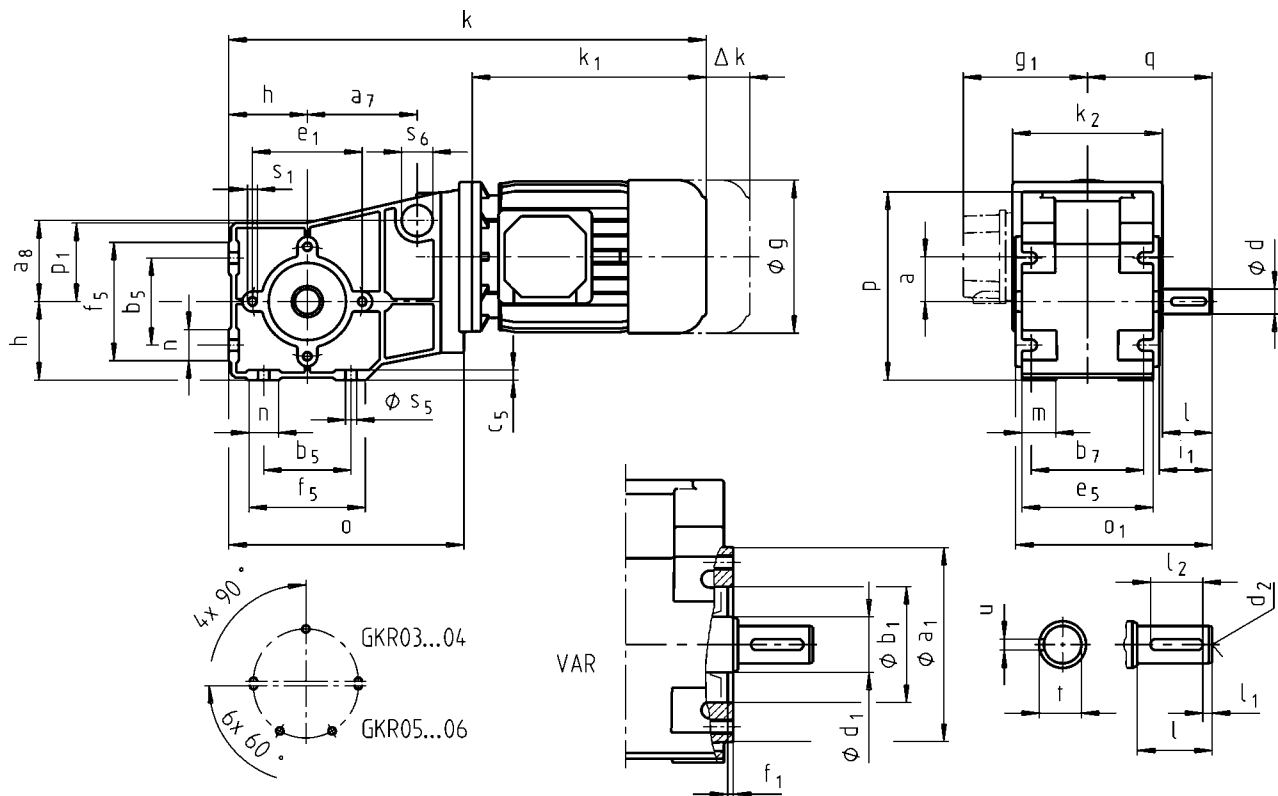
³⁾ d = 25 mm > DIN 6885/3



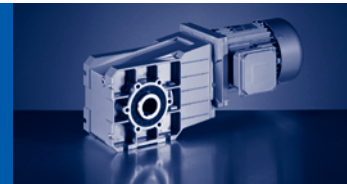
GKR

GKR [mm] - MD□MA (IE1)

GKR□□-2M V□R



		063C02	063C11	063C12	063C22	063C31	063C32	063C42	071C11 071C13 071C31
g					123				139
g₁	MDEMAXX				100				109
	MDSMAXX								
k₁	MDEMABR				107				118
	MDSMABR								
k₂	MDEMAXX	156	187		156		187		207
	MDSMAXX								
Δ k	MDEMABR	100	120		100		120		
	MDSMABR								
	MDFMAXX	71	40		71		40		52
	MDFMABR								
							128		
							170		165
		k							
	GKR03	301		332	301		332		
	GKR04		383				383		403
	GKR05							436	456
	GKR06							488	508



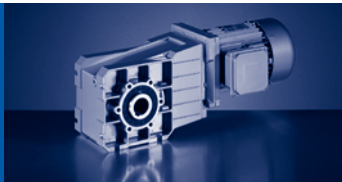
		071C32	071C33	071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31	090C32	100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41
g		139			156	176		194	218	
g ₁	MDEMAXX MDSMAXX	109			145	152		161	171	
	MDEMABR MDSMABR	118			132	137		147	158	
k ₁	MDEMAXX MDSMAXX	207			224.5	274	248	309	319	363
k ₂		120			145	180			222	
Δ k	MDEMABR MDSMABR	52			73	68		76	90	
	MDFMAXX	128						109	102	
	MDFMABR	165			183	181		170	183	
		k								
GKR03		352		352						
GKR04		403			425	485	459			
GKR05		456			479	538	512	573		
GKR06		508			530	590	564	625	641	685

	a	a ₇	a ₈	h	o	p ¹⁾	p ₁	q	s ₆
GKR03	29	66	39	50	142	117	48	90	25
GKR04	36	88	65	63	189	151	63	100	25
GKR05	40			80	250.5	181	82	131.5	
GKR06	51			100	307	226	100	155	

	d	d ₁	d ₂	l	l ₁	l ₂	u	t	i ₁	o ₁ ¹⁾	a ₁	b ₁	e ₁	f ₁	s ₁
	k6											J7			
GKR03	20	30	M6	40	5	28	6	22.5	42.5	137.5	85	55	70	2.5	M6x12
GKR04	20	30	M6	40	5	28	6	22.5	42.5	158	104	62	88	3	M8x16
GKR05	30	50	M10	60	6	45	8	33	64	199	116	80	100	4	M8x15
GKR06	35	65	M12	70	7	56	10	38	75	235	140	100	120	4	M10x22

	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	9
GKR06	120	125	12	145	164	32	53	11

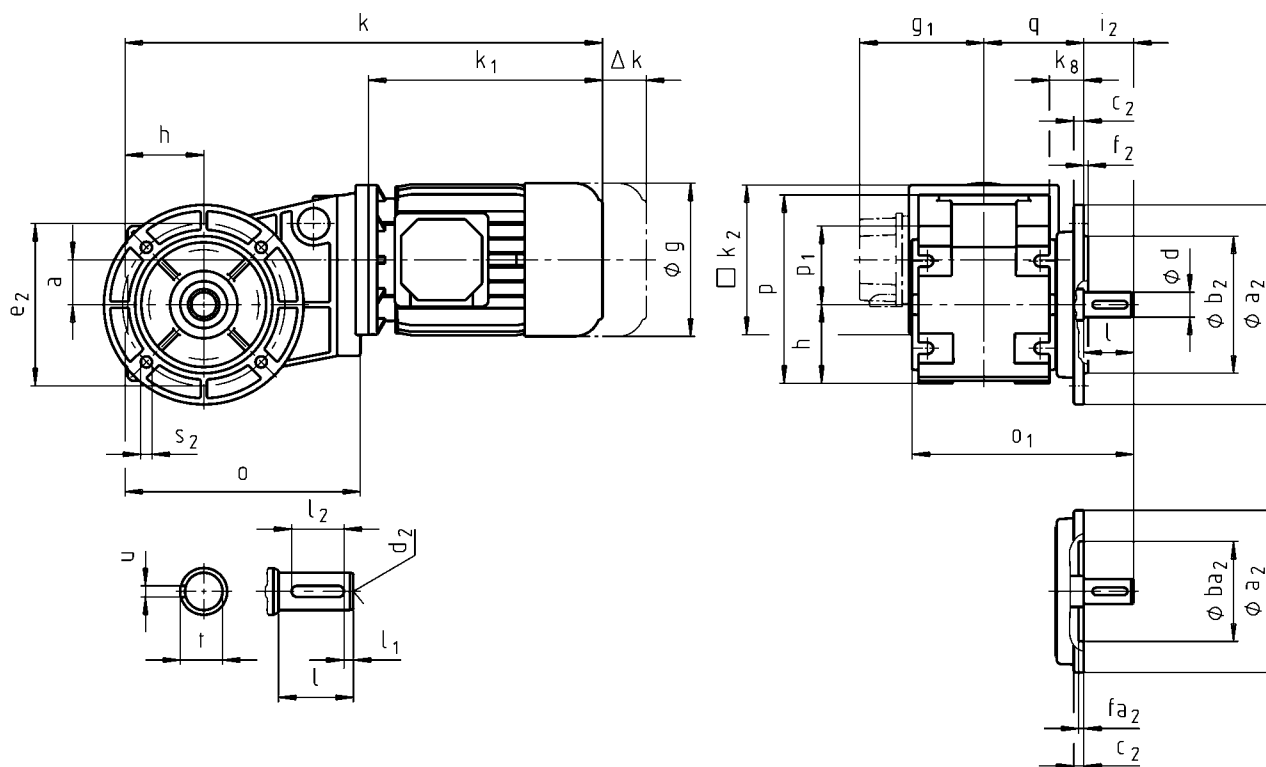
¹⁾ k₂ !



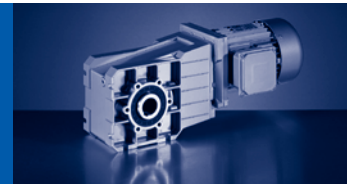
GKR

GKR [mm] - MD□MA (IE1)

GKR□□-2M VAK



		063C02	063C11	063C12	063C22	063C31	063C32	063C42	071C11 071C13 071C31
g					123				139
g1	MDEMAXX				100				109
	MDSMAXX								
g1	MDEMABR				107				118
	MDSMABR								
k1	MDEMAXX	156	187		156		187		207
k2	MDSMAXX	100	120		100		120		
Δ k	MDEMABR	71	40		71		40		52
	MDSMABR								
	MDFMAXX		128				128		
	MDFMABR		170				170		165
		k							
GKR03		301		332	301		332		
GKR04			383				383		403
GKR05								436	456
GKR06								488	508

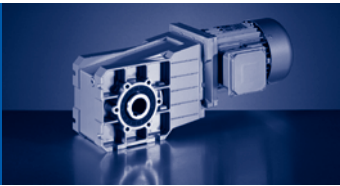


		071C32	071C33	071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31	090C32	100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41
g		139			156	176		194	218	
g ₁	MDEMAXX	109			145	152		161	171	
	MDEMABR MDSMABR	118			132	137		147	158	
k ₁	MDEMAXX MDSMAXX	207			224.5	274	248	309	319	363
k ₂		120			145	180			222	
Δ k	MDEMABR MDSMABR	52			73	68		76	90	
	MDFMAXX	128						109	102	
	MDFMABR	165			183	181		170	183	
		k								
GKR03		352		352						
GKR04		403			425	485	459			
GKR05		456			479	538	512	573		
GKR06		508			530	590	564	625	641	685

	a	h	k _g	o	p ¹⁾	p ₁	q
GKR03	29	50	35	142	117	48	80
GKR04	36	63	28	189	151	63	80.5
GKR05	40	80	47.5	250.5	181	82	105
GKR06	51	100	54	307	226	100	126.5

	d	d ₂	l	l ₁	l ₂	u	t	i ₂	o ₁ ¹⁾	a ₂	b ₂	ba ₂	c ₂	e ₂	f ₂	fa ₂	s ₂
	k6										j7	H7					
GKR03	20	M6	40	5	28	6	22.5	40	167.5	120 110	80 -	- 60	8 8	100 87	3 -	- 4	7 9
GKR04	20	M6	40	5	28	6	22.5	40	178	120 160	80 110		8 8	100 130	3 3.5		7 9
GKR05	30	M10	60	6	45	8	33	60	232.5	160 200	110 130		12 12	130 165	3.5 3.5		9 11
GKR06	35	M12	70	7	56	10	38	70	276.5	200 250	130 180		12 12	165 215	3.5 4		11 14

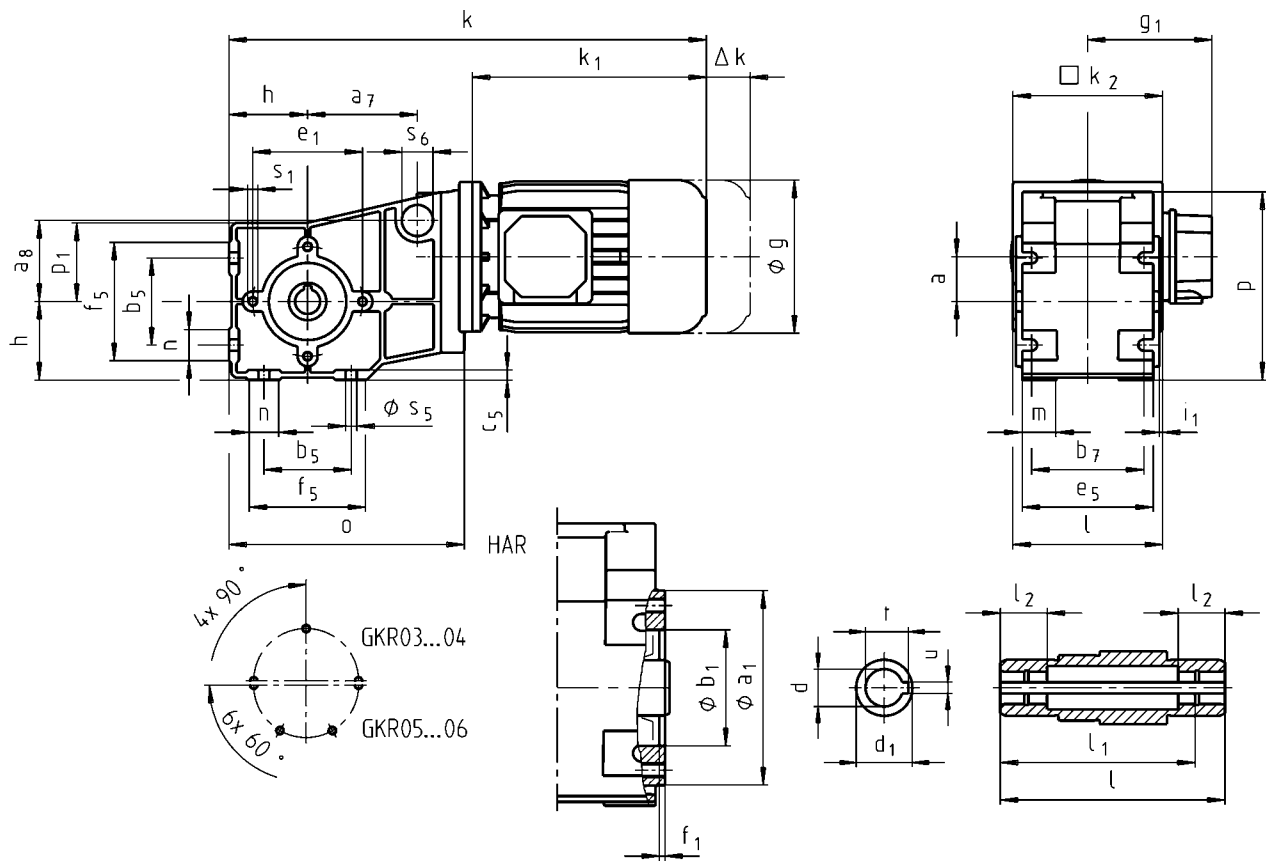
¹⁾ k₂ !

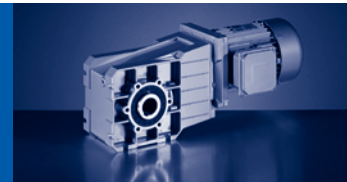


GKR

GKR [mm] - MH□MA (IE2)

GKR□□-2M H□R





		080C32	090C12 090C32	100C12	100C32	112C22	132C12 132C22
g		156	176	194		218	258
g ₁	MHEMAXX	145	152	161		171	195
	MHEMABR	132	137	147		158	187
k ₁	MHEMAXX	224.5	274	309	324	363	403
k ₂		145	180			222	265
Δ k	MHEMABR	73	68	76		90	109.5
	MHFMAXX	128		109		102	115
	MHFMABR	183	181	170		183	201.5
		k					
GKR04		425	485				
GKR05		479	538	573	588		
GKR06		530	590	625	640	685	733

	a	a ₇	a ₈	h	o	p ¹⁾	p ₁	s ₆
GKR04	36	88	65	63	189	151	63	25
GKR05	40			80	250.5	181	82	
GKR06	51			100	307	226	100	

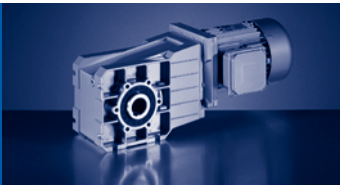
	d ²⁾	d ₁	l ¹⁾	l ₁	l ₂	u	t ³⁾	i ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	H7					JS9	+0,2			J7			
GKR04	20	30	120	105	25	6	22.8	2.5	104	62	88	3	M8x16
	25	35	120	105	25	8	27	2.5					
GKR05	30	50	143	127	25	8	33.3	4	116	80	100	4	M8x15
	35	50	143	127	25	10	38.3	4					
GKR06	40	65	170	150	30	12	43.3	5	140	100	120	4	M10x22
	45	65	170	150	30	14	48.8	5					

	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	9
GKR06	120	125	12	145	164	32	53	11

¹⁾ k₂ !

²⁾ l₂ !

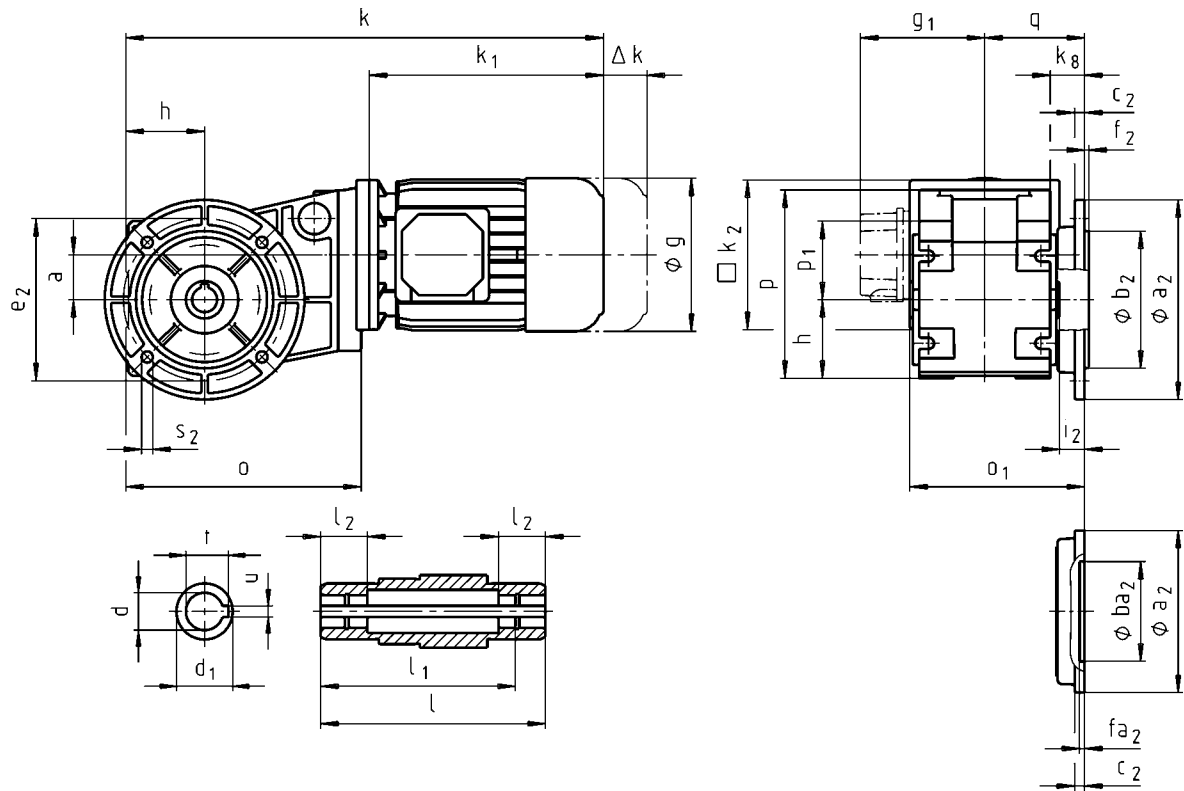
³⁾ d = 25 mm > DIN 6885/3

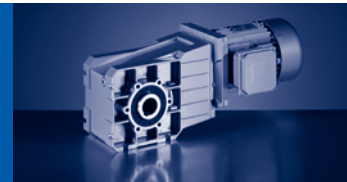


GKR

GKR [mm] - MH□MA (IE2)

GKR□□-2M HAK





		080C32	090C12 090C32	100C12	100C32	112C22	132C12 132C22
g		156	176	194		218	258
g ₁	MHEMAXX	145	152	161		171	195
	MHEMABR	132	137	147		158	187
k ₁	MHEMAXX	224.5	274	309	324	363	403
k ₂		145	180			222	265
Δ k	MHEMABR	73	68	76		90	109.5
	MHFMAXX	128		109		102	115
	MHFMABR	183	181	170		183	201.5
		k					
GKR04		425	485				
GKR05		479	538	573	588		
GKR06		530	590	625	640	685	733

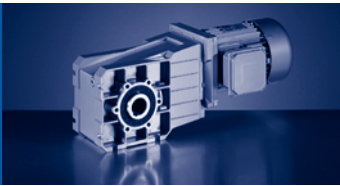
	a	h	k _g	o	p ¹⁾	p ₁	q
GKR04	36	63	28	189	151	63	80
GKR05	40	80	47.5	250.5	181	82	105
GKR06	51	100	54	307	226	100	126.5

	d ²⁾	d ₁	l	l ₁	l ₂	u	t ³⁾	i ₂	o ₁ ¹⁾	a ₂	b ₂	c ₂	e ₂	f ₂	s ₂
	H7					JS9	+0,2				j7				
GKR04	20	30	120	105	25	6	22.8	20	140	120	80	8	100	3	7
	25	35	120	105	25	8	27	20	140	160	110	8	130	3.5	9
GKR05	30	50	143	127	25	8	33.3	33.5	176.5	160	110	12	130	3.5	9
	35	50	143	127	25	10	38.3	33.5	176.5	200	130	12	165	3.5	11
GKR06	40	65	170	150	30	12	43.3	41.5	211.5	200	130	12	165	3.5	11
	45	65	170	150	30	14	48.8	41.5	211.5	250	180	12	215	4	14

¹⁾ k₂ !

²⁾ l₂ !

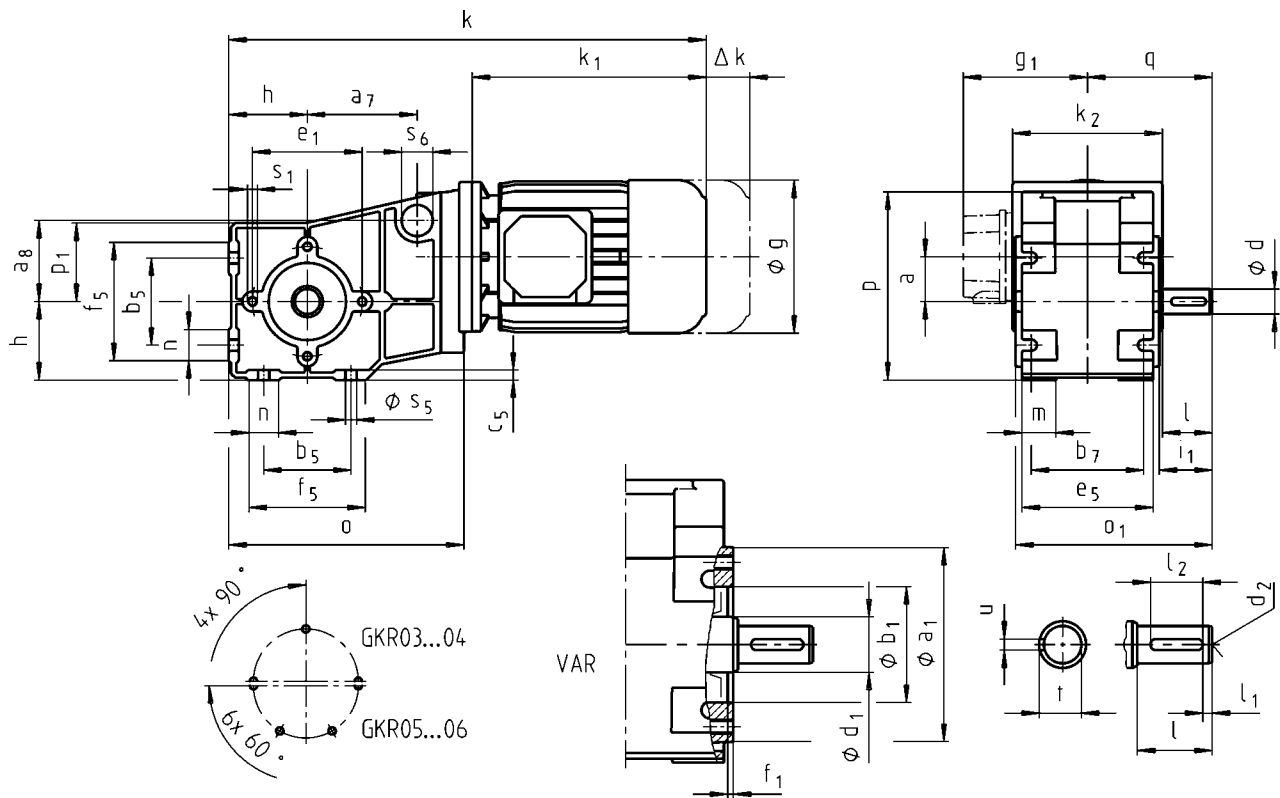
³⁾ d = 25 mm > DIN 6885/3

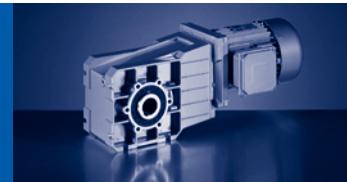


GKR

GKR [mm] - MH□MA (IE2)

GKR□□-2M V□R





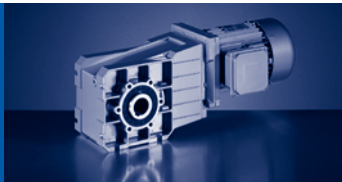
		080C32	090C12 090C32	100C12	100C32	112C22	132C12 132C22
g		156	176	194		218	258
g ₁	MHEMAXX	145	152	161		171	195
	MHEMABR	132	137	147		158	187
k ₁	MHEMAXX	224.5	274	309	324	363	403
k ₂		145	180			222	265
Δ k	MHEMABR	73	68	76		90	109.5
	MHFMAXX	128		109		102	115
	MHFMABR	183	181	170		183	201.5
		k					
GKR04		425	485				
GKR05		479	538	573	588		
GKR06		530	590	625	640	685	733

	a	a ₇	a ₈	h	o	p ¹⁾	p ₁	q	s ₆
GKR04	36	88	65	63	189	151	63	100	25
GKR05	40			80	250.5	181	82	131.5	
GKR06	51			100	307	226	100	155	

	d	d ₁	d ₂	l	l ₁	l ₂	u	t	i ₁	o ₁ ¹⁾	a ₁	b ₁	e ₁	f ₁	s ₁
	k6											J7			
GKR04	20	30	M6	40	5	28	6	22.5	42.5	158	104	62	88	3	M8x16
GKR05	30	50	M10	60	6	45	8	33	64	199	116	80	100	4	M8x15
GKR06	35	65	M12	70	7	56	10	38	75	235	140	100	120	4	M10x22

	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	9
GKR06	120	125	12	145	164	32	53	11

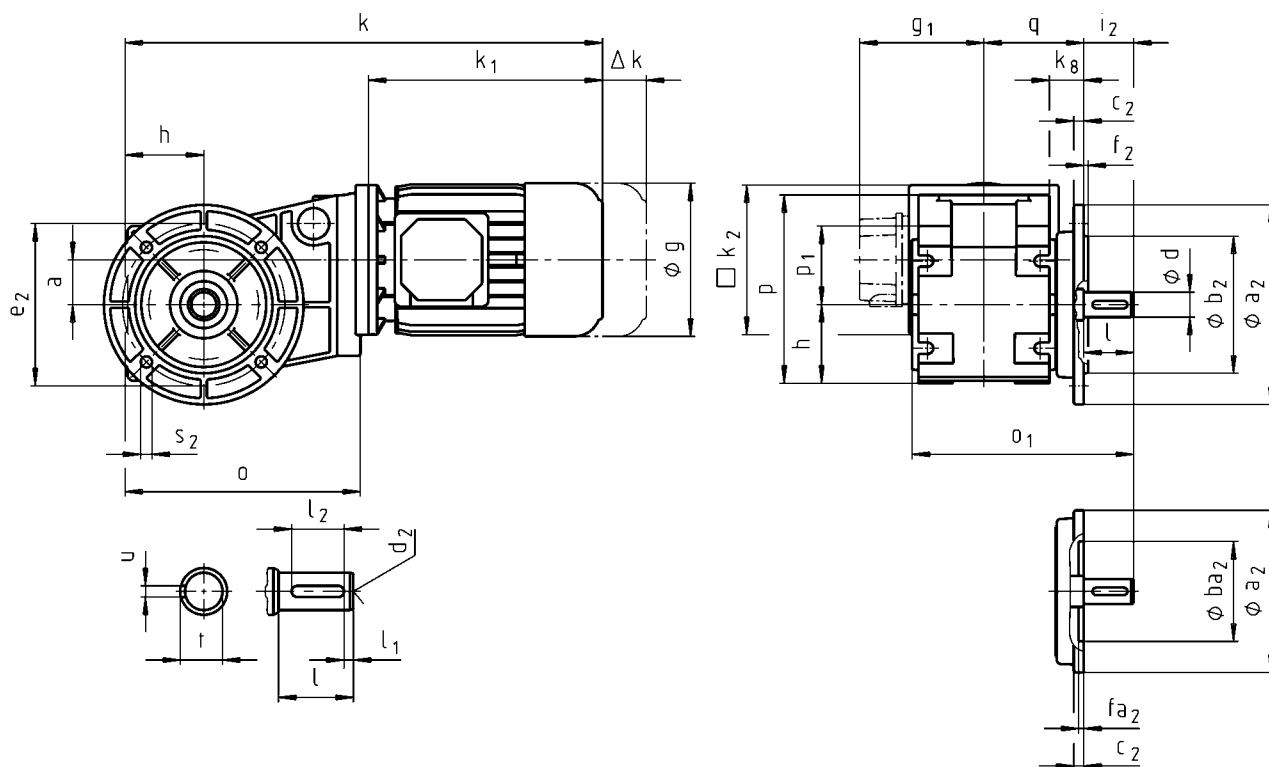
¹⁾ k₂ !

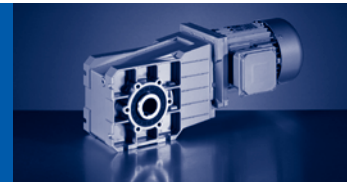


GKR

GKR [mm] - MH□MA (IE2)

GKR□□-2M VAK



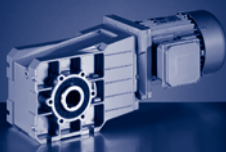


		080C32	090C12 090C32	100C12	100C32	112C22	132C12 132C22
g		156	176	194		218	258
g ₁	MHEMAXX	145	152	161		171	195
	MHEMABR	132	137	147		158	187
k ₁	MHEMAXX	224.5	274	309	324	363	403
k ₂		145	180			222	265
Δ k	MHEMABR	73	68	76		90	109.5
	MHFMAXX	128		109		102	115
	MHFMABR	183	181	170		183	201.5
		k					
GKR04		425	485				
GKR05		479	538	573	588		
GKR06		530	590	625	640	685	733

	a	h	k _g	o	p ¹⁾	p ₁	q
GKR04	36	63	28	189	151	63	80.5
GKR05	40	80	47.5	250.5	181	82	105
GKR06	51	100	54	307	226	100	126.5

	d	d ₂	l	l ₁	l ₂	u	t	i ₂	o ₁ ¹⁾	a ₂	b ₂	c ₂	e ₂	f ₂	s ₂
	k6										j7				
GKR04	20	M6	40	5	28	6	22.5	40	178	120 160	80 110	8 8	100 130	3 3.5	7 9
GKR05	30	M10	60	6	45	8	33	60	232.5	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GKR06	35	M12	70	7	56	10	38	70	276.5	200 250	130 180	12 12	165 215	3.5 4	11 14

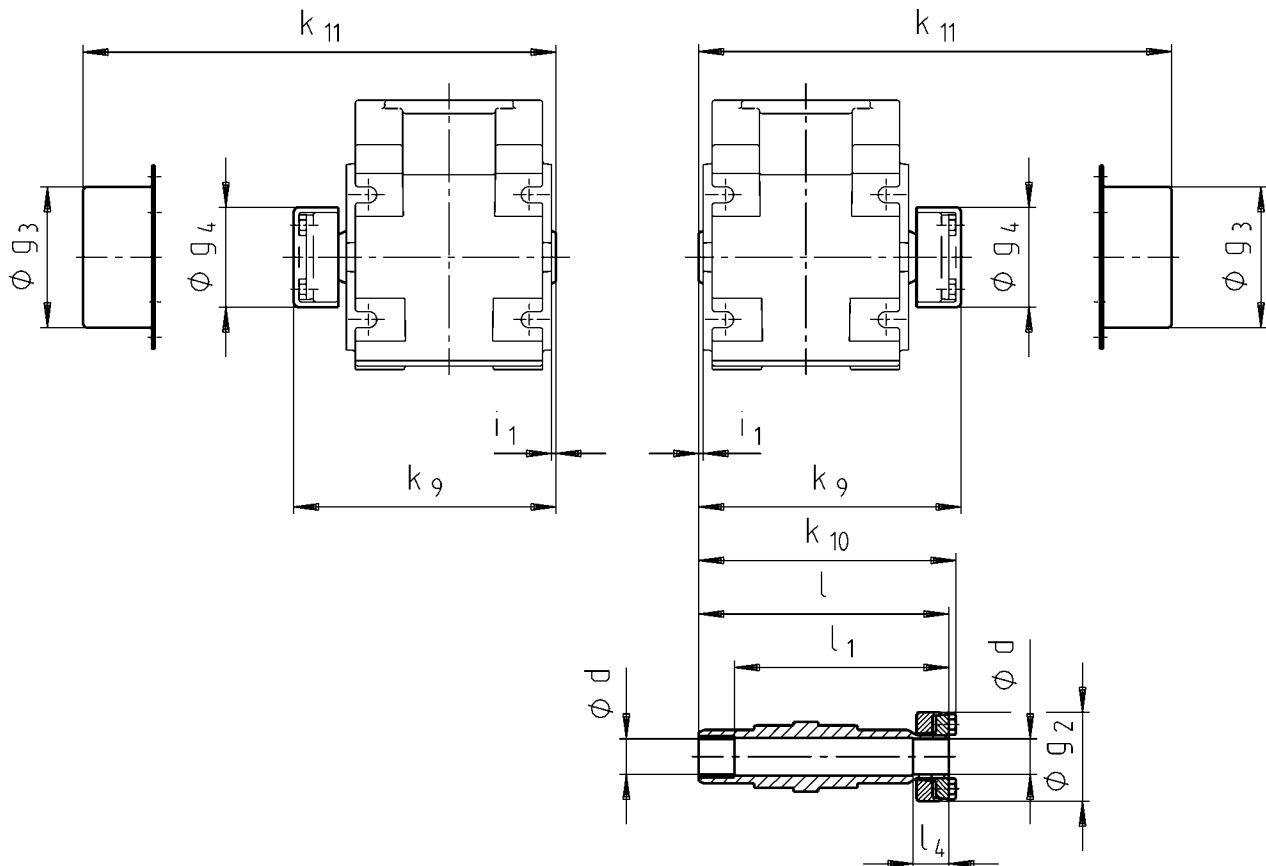
¹⁾ k₂ !



GKR

GKR & [mm] - Additional dimensions

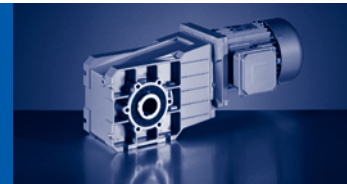
Hollow shaft with shrink disc



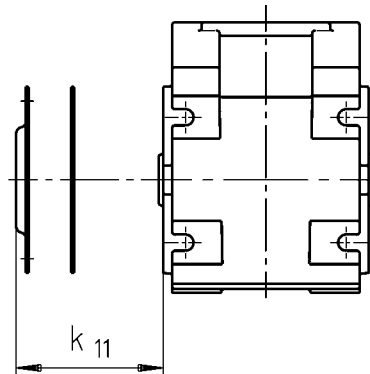
	d ¹⁾	g ₂	g ₃	g ₄	i ₁	k ₉	k ₁₀	k ₁₁	l	l ₁	l ₄
	h6										
GKR03	20	50	65	54	2.5	126	124	138	120	100	20
GKR04						146	144	158	144	120	
GKR05	30 35	80	90	84	4.0	176	177	182	171	151	28
GKR06	40	90	100	94	5.0	202	210	214	204	174	30

¹⁾ Machine shaft design.

- ▶ Output flange and hollow shaft with shrink disc (output version SAK) are not possible in the same location. For additional dimensions see output version H□□.
- ▶ Ensure that the strength of the machine 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. Please consult us if you wish to use material that is considerably weaker. Medium surface roughness Rz must not exceed 15 µm (turning is sufficient).



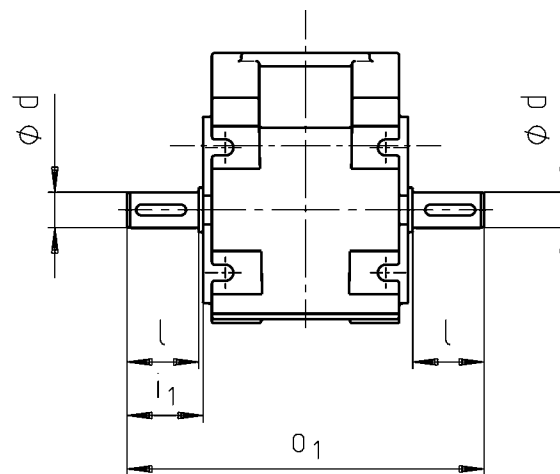
Hoseproof hollow shaft cover



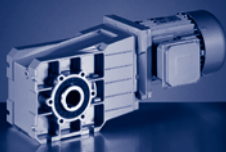
► Cover including gasket

	k_{11}
	[mm]
GKR03	9
GKR04	10
GKR05	11
GKR06	11

Gearbox with 2nd output shaft end



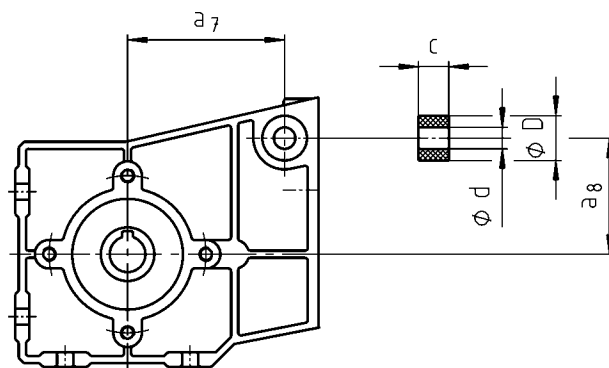
	d	l	i_1	o_1
	k6			
	[mm]	[mm]	[mm]	[mm]
GKR03	20	40	42.5	180
GKR04				200
GKR05	30	60	64.0	263
GKR06	35	70	75.0	310



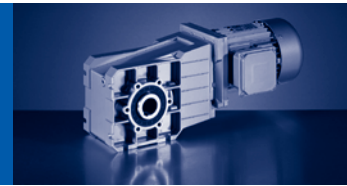
GKR

GKR & [mm] - Additional dimensions

Rubber buffer for torque plate

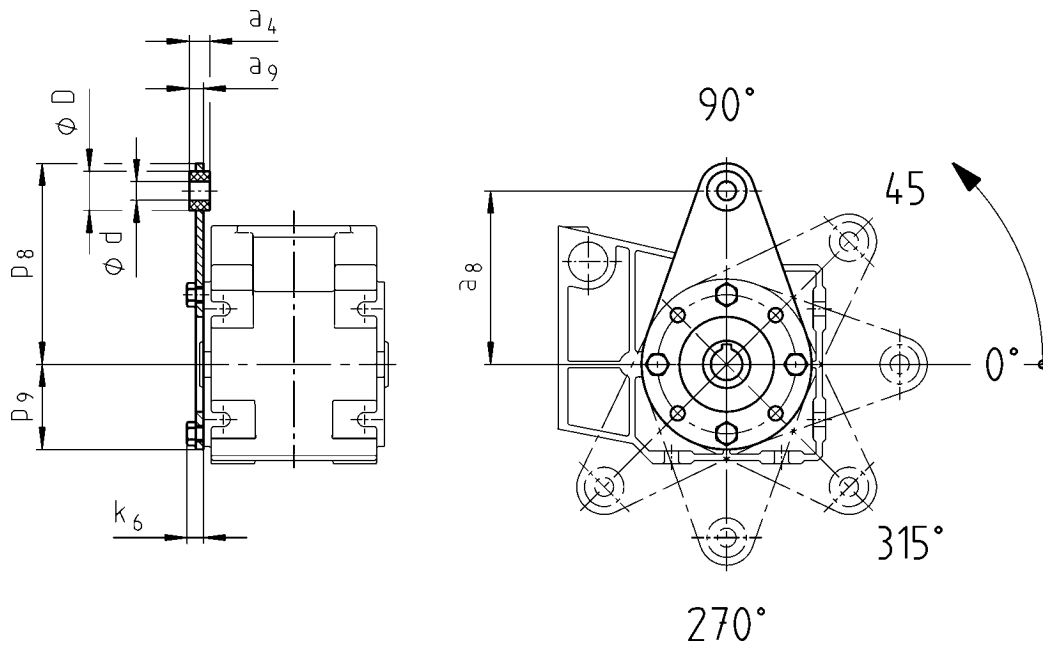


	d	D	c	a_7	a_8
GKR03	10	25	13.0	66.0	39
GKR04				88.0	65

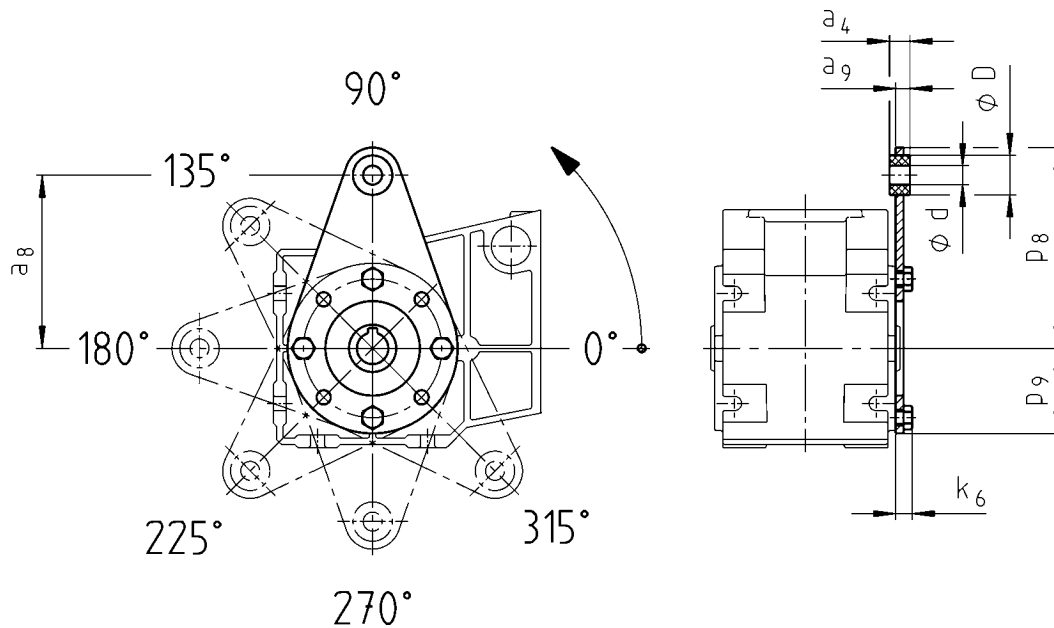


Torque plate on threaded pitch circle

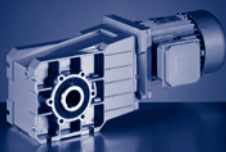
In position 3



In position 5



	a_4	a_8	a_9	d	D	k_6	p_8	p_9
GKR03	12	100	8.0	8	20	9	115	42
GKR04	13	110	9.0	10	25	11	128	54

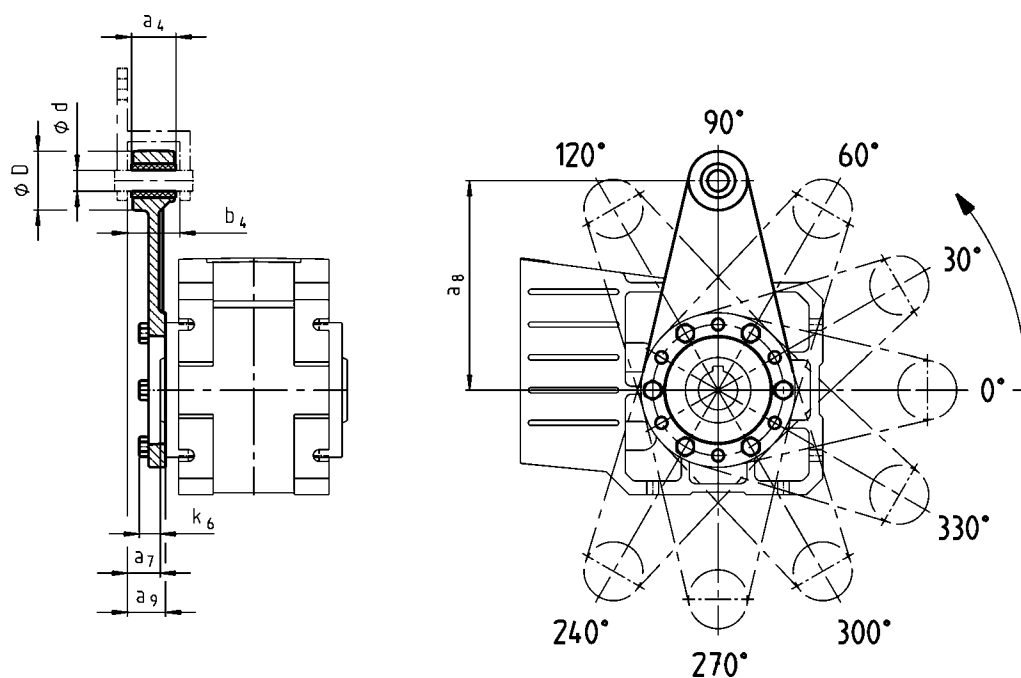


GKR

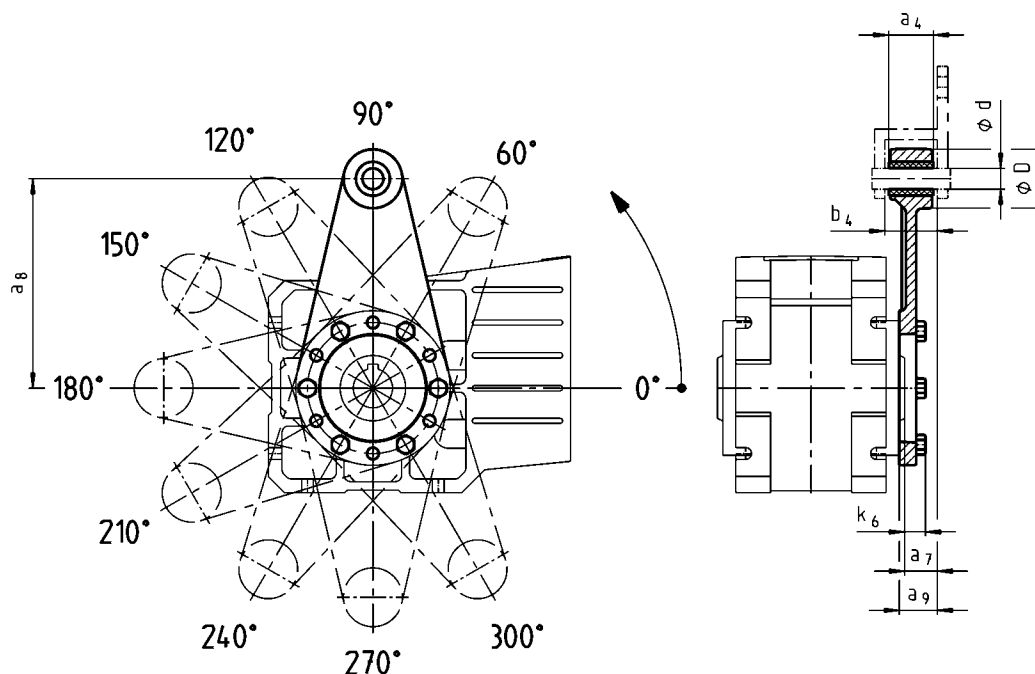
GKR & [mm] - Additional dimensions

Torque plate on threaded pitch circle

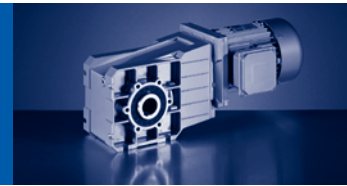
In position 3



In position 5

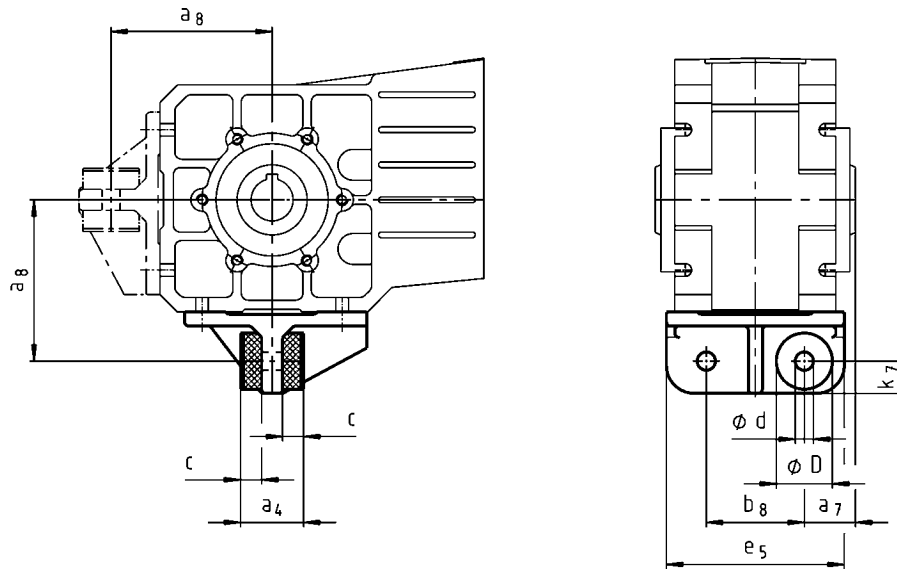


	a ₄	a ₇	a ₈	a ₉	b ₄	d	D	k ₆
GKR05	34	23.5	160	27.5	38.5	16	45	15
GKR06	40	28.0	200	33.0	44.5	20	50	18

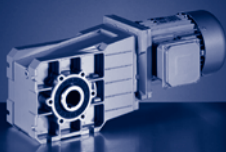


Torque plate at housing foot

In position 4 or 6



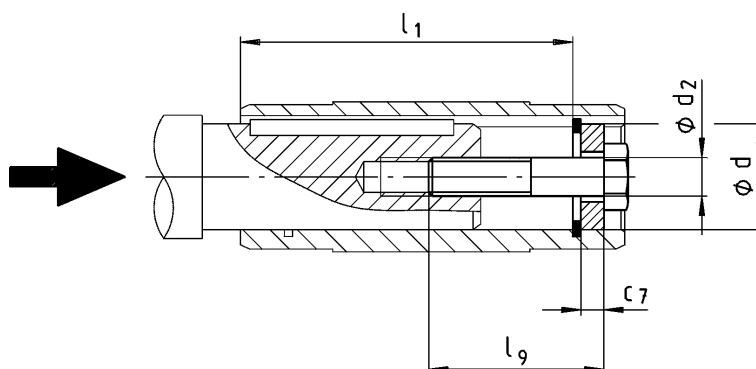
	a_4	a_7	a_8	b_8	c	d	D	e_5	k_7
GKR05	45	36.5	115	70	15.0	13	40	127	25
GKR06	72	45.0	145	80	27.0	17	50	145	30



GKR

GKR & [mm] - Additional dimensions

Mounting set for hollow shaft circlip - Proposed design for auxiliary tools



	d	l_1	d_2	l_9	c_7
	H7				
GKR03	18 20	85	M6	40	4
GKR04	20 25	105	M10		5
GKR05	30 35	127	M12	50	6 7
GKR06	40 45	150	M16	60	8 9