

Permissible radial and axial forces at output

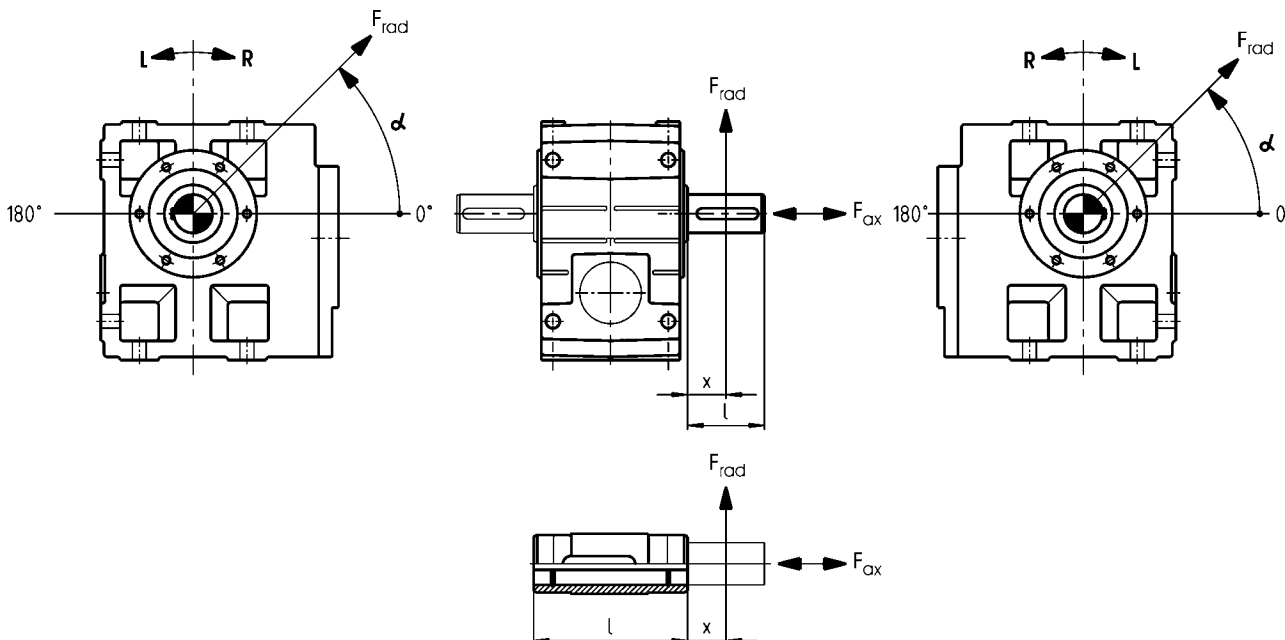
Permissible radial force

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

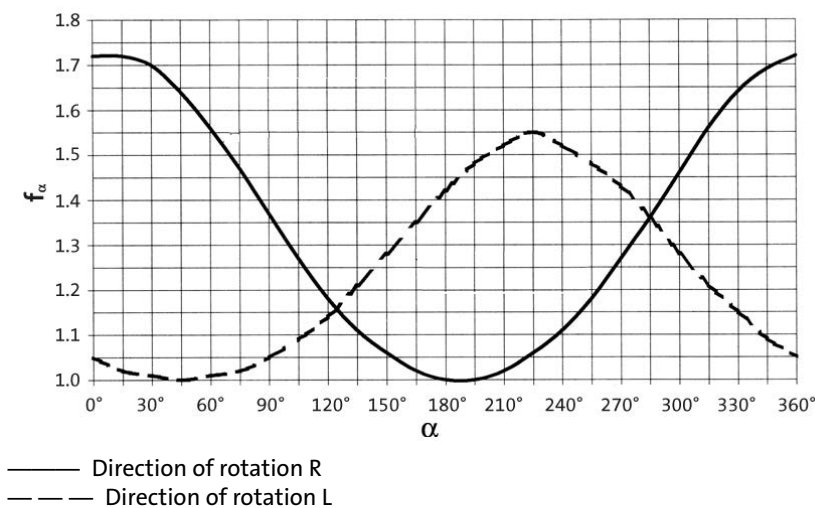
Permissible axial force

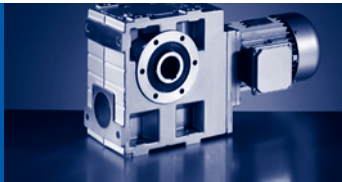
$$F_{ax,per} = F_{ax,max} \text{ if } F_{rad} = 0$$

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



Effective direction factor f_α at output shaft

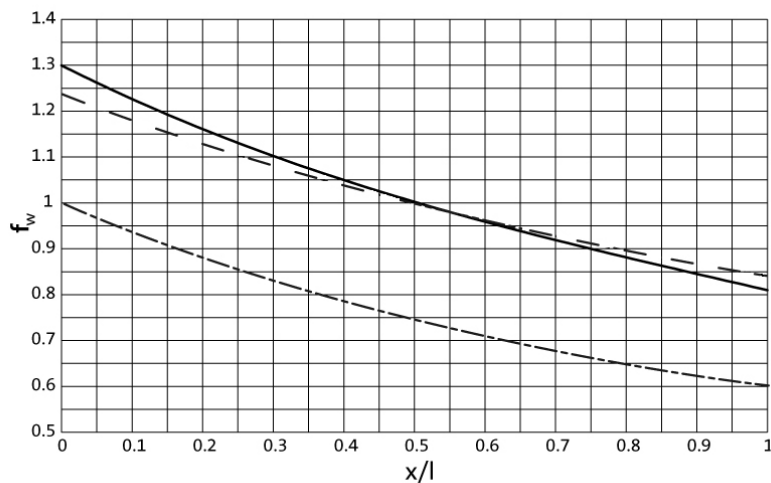




GSS

GSS [N] - forces

Additional load factor f_w at output shaft



— Solid shaft (V□□)

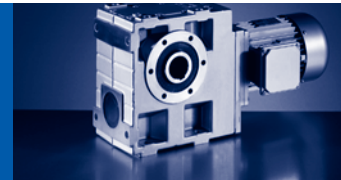
- - - Solid shaft with flange (V□K)

- · - Hollow shaft (H□□)

GSS□□-2/3□ H□□

Size	n_2 [r/min]								
Gearbox	630	400	250	160	100	63	40	25	≤16
Max. radial force, Hollow shaft									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2800	3000	3800	4500	5300	6000	6000	6000	6000
GSS05	3000	3200	3600	4300	5100	6000	7000	7500	7500
GSS06	4400	4600	4800	5600	6600	7700	9100	10700	11500
GSS07	4600	5100	5600	6700	8200	10000	12100	14800	16000
Max. axial force, Hollow shaft									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2200	2900	3700	4200	4900	5500	5500	5500	5500
GSS05	1600	2200	2800	3500	4400	5500	6000	6000	6000
GSS06	1900	2500	3200	4100	5200	6500	8200	9000	9000
GSS07	1800	2400	3100	4100	5500	7200	9500	12500	12500

- ▶ 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□□).



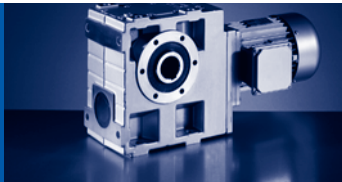
GSS□□-2/3□V□R

Size	n_2 [r/min]								
Gearbox	630	400	250	160	100	63	40	25	≤16
Max. radial force, Solid shaft without flange									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2200	2400	3000	3500	4100	4200	4200	4200	4200
GSS05	2300	2500	2900	3400	4000	4300	4300	4300	4300
GSS06	3400	3500	3600	4200	5000	5900	6900	8200	8500
GSS07	3700	4000	4200	5100	6300	7700	9300	11300	12000
Max. axial force, Solid shaft without flange									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2200	2900	3700	4200	4900	5500	5500	5500	5500
GSS05	1600	2200	2800	3500	4400	5500	6000	6000	6000
GSS06	1900	2500	3200	4100	5200	6500	8200	9000	9000
GSS07	1800	2400	3100	4100	5500	7200	9500	12500	12500

GSS□□-2/3□V□K

Size	n_2 [r/min]								
Gearbox	630	400	250	160	100	63	40	25	≤16
Max. radial force, Solid shaft with flange									
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2750	3000	4100	4400	4700	4700	4700	4700	4700
GSS05	3450	3750	4900	4900	4900	4900	4900	4900	4900
GSS06	5100	5250	7000	8100	9400	9400	9400	9400	9400
GSS07	5500	6000	7900	9100	10600	12400	14000	14000	14000
Max. axial force, Solid shaft with flange									
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GSS04	2100	2800	3500	4000	4200	4200	4200	4200	4200
GSS05	1500	2000	2500	3100	4000	4900	5500	5500	5500
GSS06	1600	2200	2800	3500	4500	5700	7300	8800	8800
GSS07	1400	1900	2400	3200	4300	5900	8000	10000	10000

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



GSS

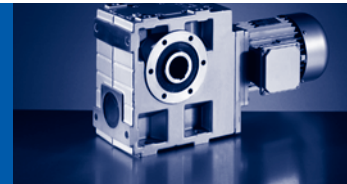
GSS [kgcm²] - moments of inertia

GSS□□-2

- Moment of inertia (J) depending on ratio i

GSS04				GSS05			
Gearbox				Gearbox			
5.639	J	[kgcm ²]	1.120	5.639	J	[kgcm ²]	2.821
7.733	J	[kgcm ²]	0.652	7.733	J	[kgcm ²]	1.664
9.042	J	[kgcm ²]	0.809	9.042	J	[kgcm ²]	2.014
9.897	J	[kgcm ²]	0.430	9.897	J	[kgcm ²]	1.102
10.827	J	[kgcm ²]	0.368	10.827	J	[kgcm ²]	0.941
12.400	J	[kgcm ²]	0.487	12.400	J	[kgcm ²]	1.235
13.810	J	[kgcm ²]	0.247	13.810	J	[kgcm ²]	0.638
15.869	J	[kgcm ²]	0.329	15.869	J	[kgcm ²]	0.840
17.360	J	[kgcm ²]	0.284	17.360	J	[kgcm ²]	0.722
20.417	J	[kgcm ²]	0.673	20.417	J	[kgcm ²]	1.601
22.143	J	[kgcm ²]	0.195	22.143	J	[kgcm ²]	0.504
24.800	J	[kgcm ²]	0.420	24.800	J	[kgcm ²]	1.059
27.125	J	[kgcm ²]	0.145	27.125	J	[kgcm ²]	0.377
31.738	J	[kgcm ²]	0.288	31.738	J	[kgcm ²]	0.733
34.100	J	[kgcm ²]	0.096	35.306	J	[kgcm ²]	0.233
39.200	J	[kgcm ²]	0.247	39.200	J	[kgcm ²]	0.610
43.917	J	[kgcm ²]	0.064	43.917	J	[kgcm ²]	0.167
50.000	J	[kgcm ²]	0.173	50.000	J	[kgcm ²]	0.435
54.250	J	[kgcm ²]	0.131	54.250	J	[kgcm ²]	0.341
61.250	J	[kgcm ²]	0.130	61.250	J	[kgcm ²]	0.332
68.200	J	[kgcm ²]	0.087	70.611	J	[kgcm ²]	0.211
77.000	J	[kgcm ²]	0.086	79.722	J	[kgcm ²]	0.206
87.833	J	[kgcm ²]	0.059	87.833	J	[kgcm ²]	0.153
99.167	J	[kgcm ²]	0.058	99.167	J	[kgcm ²]	0.149
111.318	J	[kgcm ²]	0.039	113.667	J	[kgcm ²]	0.096
125.682	J	[kgcm ²]	0.038	128.333	J	[kgcm ²]	0.094
139.500	J	[kgcm ²]	0.027	137.950	J	[kgcm ²]	0.070
157.500	J	[kgcm ²]	0.026	155.750	J	[kgcm ²]	0.069
183.786	J	[kgcm ²]	0.016	176.313	J	[kgcm ²]	0.045
207.500	J	[kgcm ²]	0.016	199.063	J	[kgcm ²]	0.044

- 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.

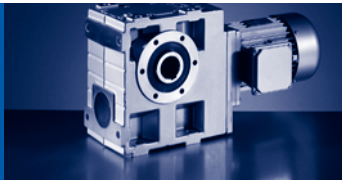


GSS□□-2

- Moment of inertia (J) depending on ratio i

GSS06				GSS07			
Gearbox				Gearbox			
5.833	J	[kgcm ²]	6.966	5.862	J	[kgcm ²]	21.357
8.000	J	[kgcm ²]	4.219	8.125	J	[kgcm ²]	12.754
9.042	J	[kgcm ²]	5.541	9.086	J	[kgcm ²]	17.436
10.238	J	[kgcm ²]	2.811	10.000	J	[kgcm ²]	9.140
11.200	J	[kgcm ²]	2.393	11.200	J	[kgcm ²]	7.498
12.400	J	[kgcm ²]	3.461	12.594	J	[kgcm ²]	10.713
14.286	J	[kgcm ²]	1.630	14.286	J	[kgcm ²]	4.837
15.869	J	[kgcm ²]	2.348	15.500	J	[kgcm ²]	7.792
17.360	J	[kgcm ²]	2.006	17.360	J	[kgcm ²]	6.424
20.417	J	[kgcm ²]	4.172	20.517	J	[kgcm ²]	13.579
22.143	J	[kgcm ²]	1.392	22.143	J	[kgcm ²]	4.177
24.800	J	[kgcm ²]	3.056	25.188	J	[kgcm ²]	9.590
27.125	J	[kgcm ²]	1.039	27.125	J	[kgcm ²]	3.130
31.738	J	[kgcm ²]	2.101	31.000	J	[kgcm ²]	7.051
35.306	J	[kgcm ²]	0.660	35.306	J	[kgcm ²]	1.955
39.200	J	[kgcm ²]	1.635	39.200	J	[kgcm ²]	5.368
43.917	J	[kgcm ²]	0.475	43.271	J	[kgcm ²]	1.433
50.000	J	[kgcm ²]	1.164	50.000	J	[kgcm ²]	3.527
54.250	J	[kgcm ²]	0.955	54.250	J	[kgcm ²]	2.888
61.250	J	[kgcm ²]	0.887	61.250	J	[kgcm ²]	2.698
70.611	J	[kgcm ²]	0.610	70.611	J	[kgcm ²]	1.812
79.722	J	[kgcm ²]	0.570	79.722	J	[kgcm ²]	1.700
87.833	J	[kgcm ²]	0.443	86.542	J	[kgcm ²]	1.338
99.167	J	[kgcm ²]	0.417	97.708	J	[kgcm ²]	1.263
113.667	J	[kgcm ²]	0.276	113.667	J	[kgcm ²]	0.833
128.333	J	[kgcm ²]	0.260	128.333	J	[kgcm ²]	0.789
137.950	J	[kgcm ²]	0.201	137.950	J	[kgcm ²]	0.609
155.750	J	[kgcm ²]	0.191	155.750	J	[kgcm ²]	0.579
174.375	J	[kgcm ²]	0.130	174.375	J	[kgcm ²]	0.391
196.875	J	[kgcm ²]	0.123	196.875	J	[kgcm ²]	0.373

- 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.



GSS

GSS [kgcm²] - moments of inertia

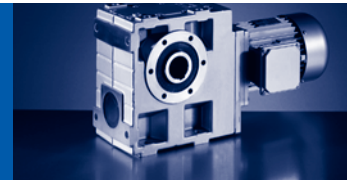
GSS□□-3

- Moment of inertia (J) depending on ratio i

Gearbox			GSS05
125.476	J	[kgcm ²]	0.154
153.708	J	[kgcm ²]	0.117
193.233	J	[kgcm ²]	0.078
222.133	J	[kgcm ²]	0.206
250.952	J	[kgcm ²]	0.151
283.333	J	[kgcm ²]	0.148
307.417	J	[kgcm ²]	0.115
347.083	J	[kgcm ²]	0.113
386.467	J	[kgcm ²]	0.077
436.333	J	[kgcm ²]	0.076
497.722	J	[kgcm ²]	0.053
561.944	J	[kgcm ²]	0.052
630.803	J	[kgcm ²]	0.035
712.197	J	[kgcm ²]	0.034
790.500	J	[kgcm ²]	0.024
892.500	J	[kgcm ²]	0.024
1041.452	J	[kgcm ²]	0.015
1175.833	J	[kgcm ²]	0.015

Gearbox			GSS06
126.531	J	[kgcm ²]	0.310
142.857	J	[kgcm ²]	0.298
155.000	J	[kgcm ²]	0.271
175.000	J	[kgcm ²]	0.263
194.857	J	[kgcm ²]	0.144
220.000	J	[kgcm ²]	0.139
238.700	J	[kgcm ²]	0.128
269.500	J	[kgcm ²]	0.124
310.689	J	[kgcm ²]	0.112
350.778	J	[kgcm ²]	0.110
386.467	J	[kgcm ²]	0.103
436.333	J	[kgcm ²]	0.102
497.722	J	[kgcm ²]	0.069
561.944	J	[kgcm ²]	0.068
630.803	J	[kgcm ²]	0.045
712.197	J	[kgcm ²]	0.044
816.333	J	[kgcm ²]	0.042
921.667	J	[kgcm ²]	0.042
1023.000	J	[kgcm ²]	0.029
1155.000	J	[kgcm ²]	0.029
1241.550	J	[kgcm ²]	0.028
1401.750	J	[kgcm ²]	0.028
1635.693	J	[kgcm ²]	0.017
1846.750	J	[kgcm ²]	0.017

- 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.

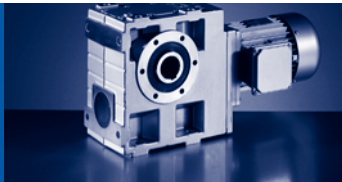


GSS□□-3

- Moment of inertia (J) depending on ratio i

Gearbox			GSS07
126.531	J	[kgcm ²]	0.857
142.857	J	[kgcm ²]	0.822
155.000	J	[kgcm ²]	0.742
175.000	J	[kgcm ²]	0.719
201.746	J	[kgcm ²]	0.372
227.778	J	[kgcm ²]	0.358
247.139	J	[kgcm ²]	0.327
279.028	J	[kgcm ²]	0.317
321.673	J	[kgcm ²]	0.281
363.179	J	[kgcm ²]	0.276
394.245	J	[kgcm ²]	0.258
445.116	J	[kgcm ²]	0.255
490.403	J	[kgcm ²]	0.183
553.681	J	[kgcm ²]	0.181
634.639	J	[kgcm ²]	0.114
716.528	J	[kgcm ²]	0.113
833.556	J	[kgcm ²]	0.105
941.111	J	[kgcm ²]	0.105
1011.633	J	[kgcm ²]	0.076
1142.167	J	[kgcm ²]	0.076
1227.755	J	[kgcm ²]	0.074
1386.175	J	[kgcm ²]	0.073
1569.181	J	[kgcm ²]	0.047
1771.656	J	[kgcm ²]	0.047

- 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.



GSS

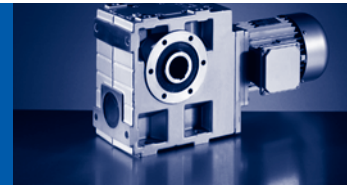
GSS [η] - efficiency

- During start-up, the start-up efficiency η_a of a helical-worm gearbox is lower than its operative efficiency at rated speed.
The start-up efficiency η_a must therefore always be considered when starting under load.

GSS□□-2

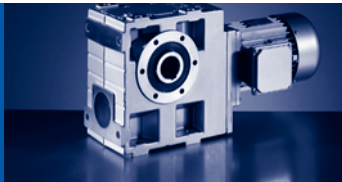
GSS04-2

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



GSS05-2

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

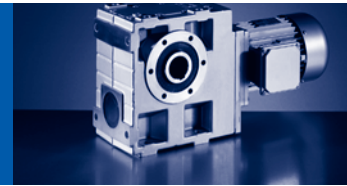


GSS

GSS [η] - efficiency

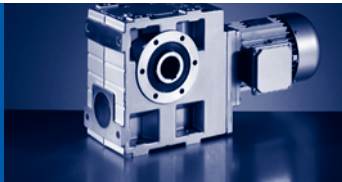
GSS06-2

				n ₂ [r/min]											
				10	16	25	32	40	63	100	160	250	400	630	800
5.833	η _a	0.72	η _{c=1}	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
8.000	η _a	0.72	η _{c=1}	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
9.042	η _a	0.67	η _{c=1}	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
10.238	η _a	0.72	η _{c=1}	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
11.200	η _a	0.72	η _{c=1}	0.87	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91
12.400	η _a	0.67	η _{c=1}	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.80
14.286	η _a	0.72	η _{c=1}	0.89	0.90	0.91	0.91	0.91	0.92	0.92	0.92	0.91	0.91	0.91	
15.869	η _a	0.67	η _{c=1}	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
17.360	η _a	0.67	η _{c=1}	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
20.417	η _a	0.57	η _{c=1}	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
22.143	η _a	0.67	η _{c=1}	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
24.800	η _a	0.57	η _{c=1}	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
27.125	η _a	0.67	η _{c=1}	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
31.738	η _a	0.57	η _{c=1}	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
35.306	η _a	0.67	η _{c=1}	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
39.200	η _a	0.57	η _{c=1}	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
43.917	η _a	0.67	η _{c=1}	0.85	0.87	0.88	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	
50.000	η _a	0.57	η _{c=1}	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
54.250	η _a	0.57	η _{c=1}	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
61.250	η _a	0.57	η _{c=1}	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
70.611	η _a	0.57	η _{c=1}	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
79.722	η _a	0.57	η _{c=1}	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
87.833	η _a	0.57	η _{c=1}	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
99.167	η _a	0.57	η _{c=1}	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
113.667	η _a	0.57	η _{c=1}	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
128.333	η _a	0.57	η _{c=1}	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
137.950	η _a	0.57	η _{c=1}	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
155.750	η _a	0.57	η _{c=1}	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
174.375	η _a	0.57	η _{c=1}	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
196.875	η _a	0.57	η _{c=1}	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			



GSS07-2

				n_2 [r/min]											
				10	16	25	32	40	63	100	160	250	400	630	800
5.862	η_a	0.74	$\eta_{c=1}$	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
8.125	η_a	0.74	$\eta_{c=1}$	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
9.086	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
10.000	η_a	0.74	$\eta_{c=1}$	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
11.200	η_a	0.74	$\eta_{c=1}$	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
12.594	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
14.286	η_a	0.74	$\eta_{c=1}$	0.89	0.91	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
15.500	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
17.360	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
20.517	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
22.143	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
25.188	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
27.125	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
31.000	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
35.306	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
39.200	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
43.271	η_a	0.69	$\eta_{c=1}$	0.88	0.89	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
50.000	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
54.250	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
61.250	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
70.611	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
79.722	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
86.542	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
97.708	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
113.667	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
128.333	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
137.950	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
155.750	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
174.375	η_a	0.60	$\eta_{c=1}$	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
196.875	η_a	0.60	$\eta_{c=1}$	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85			



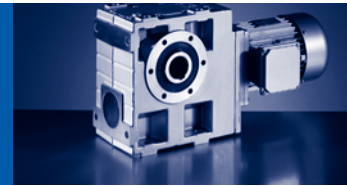
GSS

GSS [η] - efficiency

GSS□□-3

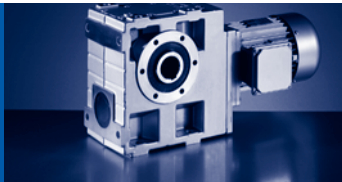
GSS05-3

				n ₂ [r/min]										
				10	16	25	32	40	63	100	160	250	400	630
125.476	η _a	0.67	η _{c=1}	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88
153.708	η _a	0.67	η _{c=1}	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88
193.233	η _a	0.67	η _{c=1}	0.83	0.86	0.87	0.88	0.88	0.89	0.89	0.88	0.88	0.88	0.88
222.133	η _a	0.55	η _{c=1}	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		
250.952	η _a	0.57	η _{c=1}	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82		
283.333	η _a	0.55	η _{c=1}	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		
307.417	η _a	0.57	η _{c=1}	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82		
347.083	η _a	0.55	η _{c=1}	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		
386.467	η _a	0.57	η _{c=1}	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82		
436.333	η _a	0.55	η _{c=1}	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		
497.722	η _a	0.57	η _{c=1}	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82		
561.945	η _a	0.55	η _{c=1}	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		
630.803	η _a	0.57	η _{c=1}	0.79	0.81	0.82	0.82	0.83	0.83	0.82	0.82	0.82		
712.197	η _a	0.55	η _{c=1}	0.79	0.80	0.81	0.81	0.81	0.81	0.81	0.81	0.81		



GSS06-3

				n_2 [r/min]											
				10	16	25	32	40	63	100	160	250	400	630	800
126.531	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.91	0.91	0.91
142.857	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
155.000	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
175.000	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
194.857	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
220.000	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
238.700	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
269.500	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
310.689	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
350.778	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
386.467	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
436.333	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
497.722	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
561.945	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
630.803	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
712.197	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
816.333	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
921.667	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1023.000	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1155.000	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1241.550	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1401.750	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1635.693	η_a	0.57	$\eta_{c=1}$	0.81	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83			
1846.750	η_a	0.57	$\eta_{c=1}$	0.81	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83			

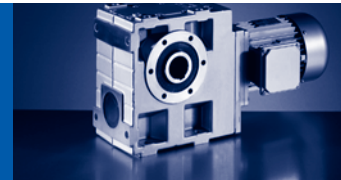


GSS

GSS [η] - efficiency

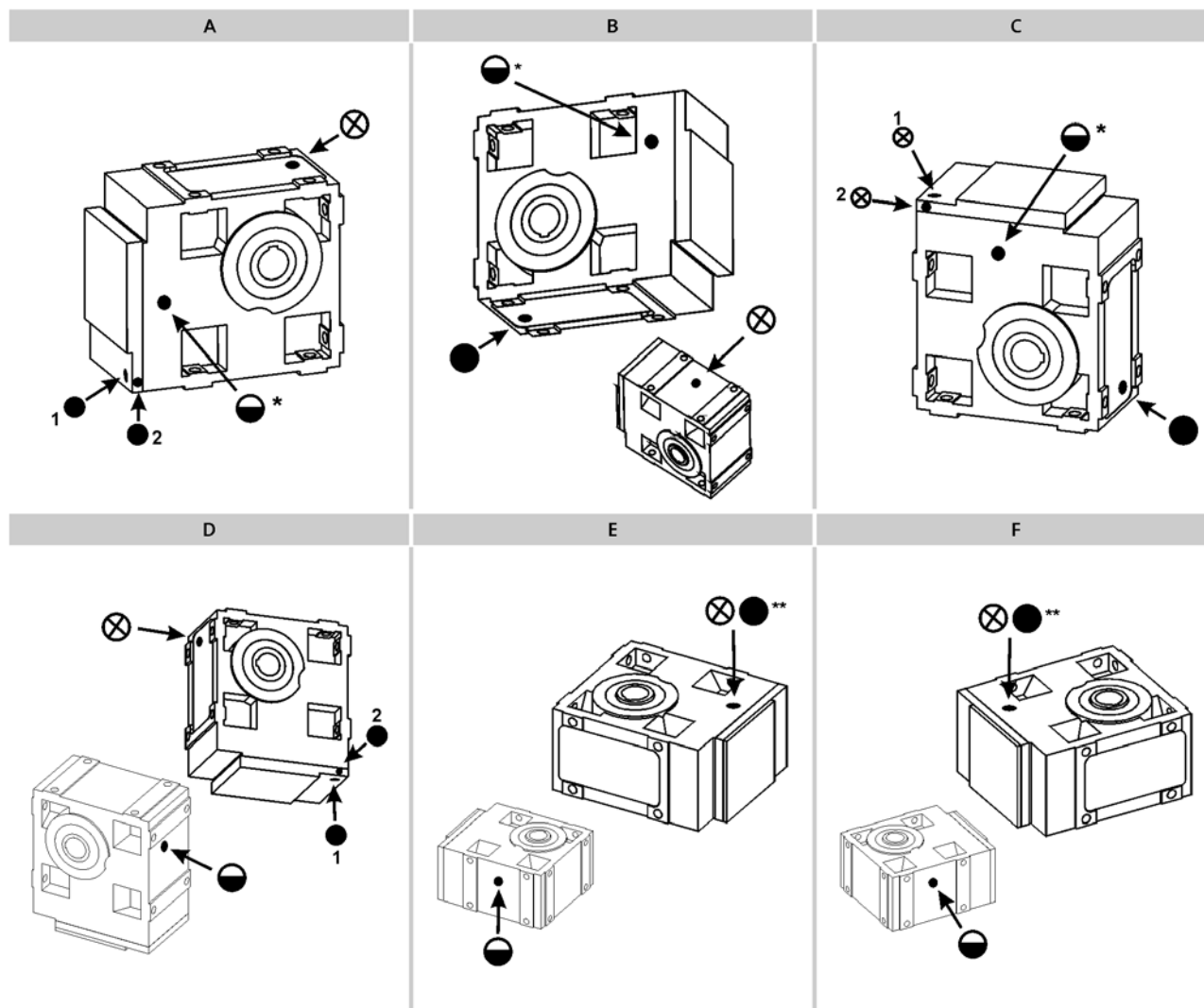
GSS07-3

				n ₂ [r/min]								
				10	16	25	32	40	63	100	160	250
126.531	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
142.857	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
155.000	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
175.000	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
201.746	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
227.778	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
247.139	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
279.028	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
321.673	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
363.179	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
394.245	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
445.116	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
490.403	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
553.681	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
634.639	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
716.528	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
833.556	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
941.111	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1011.633	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1142.167	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1227.755	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1386.175	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1569.181	η _a	0.60	η _{c=1}	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1771.656	η _a	0.60	η _{c=1}	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85



Position of ventilation, sealing elements and oil level check

GSS05...07-2



A ... F Mounting position

⊗ Ventilation / Oil filler plug

● Oil drain plug

◐ Oil control plug

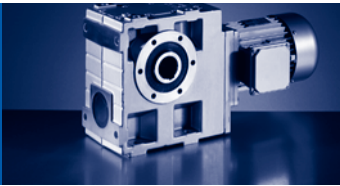
* On both sides

** On opposite side

Item 1 standard

Item 2 only with:

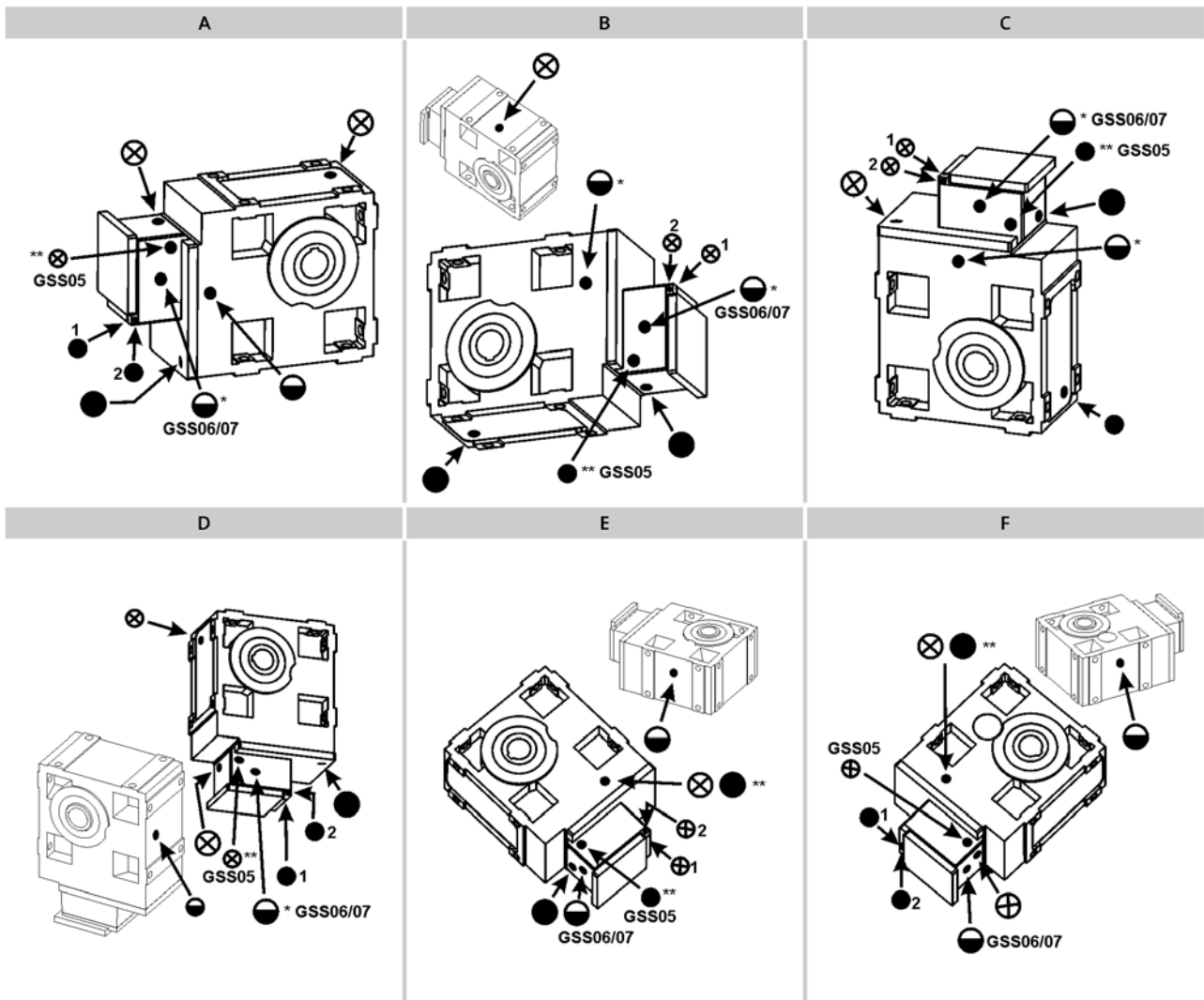
- ▶ GSS05-2M □□□ 090C□□
- ▶ GSS05-2M □□□ 100C□□
- ▶ GSS06-2M □□□ 112C□□
- ▶ GSS07-2M □□□ 160C□□



GSS

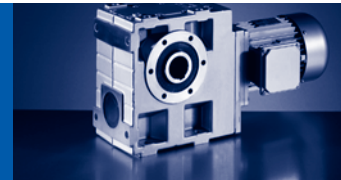
GSS [⊗] - ventilation

GSS05...07-3



- A ... F Mounting position
 ⊗ Ventilation / Oil filler plug
 ● Oil drain plug
 ⊖ Oil control plug
 * On both sides
 ** On opposite side

- Item 1 standard
 Item 2 only on:
 ▶ GSS07-3M □□□ 090C□□
 ▶ GSS07-3M □□□ 100C□□



GSS□□-2M HAR / HBR

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33 071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32
GSS04	m	[kg]	16		18				22	23	22	23	30	28
GSS05	m	[kg]		26	27	28	27	28	31	32	31	32	39	37
GSS06	m	[kg]		38		40	39	40	44	45	44	45	52	50
GSS07	m	[kg]							69	70	69	70	77	75

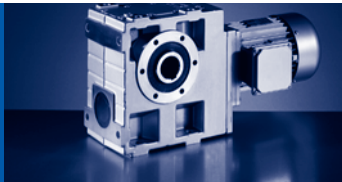
			100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C12	132C21	132C22 132C32	160C22	160C32
GSS05	m	[kg]	46	43	46	43									
GSS06	m	[kg]	59	56	59	56	67	64	74	71					
GSS07	m	[kg]	84	81	84	81	92	89	99	96	119	131	129	173	193

GSS□□-2M HAK

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33 071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32
GSS04	m	[kg]	18	19	20	21	20	21	25	26	25	26	32	30
GSS05	m	[kg]		30	31	32	31	32	35	36	35	36	43	41
GSS06	m	[kg]		45		47	46	47	51	52	51	52	59	57
GSS07	m	[kg]							80	81	80	81	88	86

			100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C12	132C21	132C22 132C32	160C22	160C32
GSS05	m	[kg]	50	47	50	47									
GSS06	m	[kg]	66	63	66	63	74	71	81	78					
GSS07	m	[kg]	95	92	95	92	103	100	110	107	130	142	140	184	204

- 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).



GSS

GSS [kg] - MD□MA (IE1)

GSS□□-2M VAR / VBR

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32
GSS04	m	[kg]	16	17	18	19	18	19		23	24	23	24	30	28
GSS05	m	[kg]		27	28	29	28	29		32	33	32	33	40	38
GSS06	m	[kg]		40		43	42	43	42	46	47	46	47	54	52
GSS07	m	[kg]								74	75	74	75	82	80

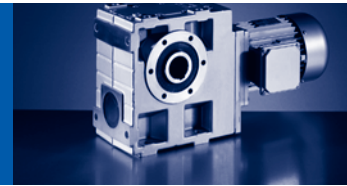
			100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C12	132C21	132C22 132C32	160C22	160C32
GSS05	m	[kg]	47	44	47	44									
GSS06	m	[kg]	61	58	61	58	70	67	77	74					
GSS07	m	[kg]	89	86	89	86	97	94	104	101	124	136	134	178	198

GSS□□-2M VAK

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32
GSS04	m	[kg]	19				21			25	26	25	26	33	31
GSS05	m	[kg]		31	32	33	32	33		36	37	36	37	44	42
GSS06	m	[kg]		47		50	49	50	49	53	54	53	54	61	59
GSS07	m	[kg]								85	86	85	86	93	91

			100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C12	132C21	132C22 132C32	160C22	160C32
GSS05	m	[kg]	51	48	51	48									
GSS06	m	[kg]	68	65	68	65	77	74	84	81					
GSS07	m	[kg]	100	97	100	97	108	105	115	112	135	147	145	189	209

- 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).



GSS□□-2M SAR / SBR

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33 071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32
GSS04	m	[kg]	16	17	18	19	18	19	23	24	23	24	30	28
GSS05	m	[kg]		26	28	29	28	29	32	33	32	33	40	38
GSS06	m	[kg]		39		41	40	41	45	46	45	46	53	51
GSS07	m	[kg]							70	71	70	71	78	76

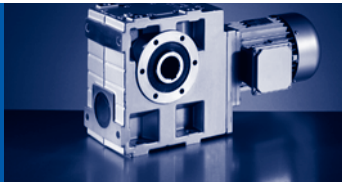
			100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C12	132C21	132C22 132C32	160C22	160C32
GSS05	m	[kg]	47	44	47	44									
GSS06	m	[kg]	60	57	60	57	68	65	75	72					
GSS07	m	[kg]	85	82	85	82	94	91	101	98	120	132	130	174	194

GSS□□-2M SAK

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33 071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32
GSS04	m	[kg]	19			21			25	26	25	26	33	31
GSS05	m	[kg]		30	32	33	32	33	36	37	36	37	44	42
GSS06	m	[kg]		46		48	47	48	52	53	52	53	60	58
GSS07	m	[kg]							81	82	81	82	89	87

			100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C12	132C21	132C22 132C32	160C22	160C32
GSS05	m	[kg]	51	48	51	48									
GSS06	m	[kg]	67	64	67	64	75	72	82	79					
GSS07	m	[kg]	96	93	96	93	105	102	112	109	131	143	141	185	205

- 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).



GSS

GSS [kg] - MD□MA (IE1)

GSS□□-3M HAR / HBR

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42
GSS05	m	[kg]		26	28	29	28	29	28
GSS06	m	[kg]	41	42	43	44	43		44
GSS07	m	[kg]		71		73	72		73

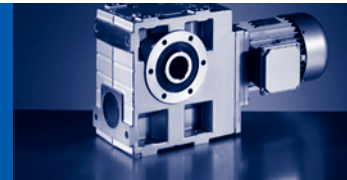
			080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31 100C41
GSS05	m	[kg]	33	34						
GSS06	m	[kg]	48	49	48	49	55			
GSS07	m	[kg]	77	78	77	78	84	82	91	88

GSS□□-3M HAK

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42
GSS05	m	[kg]		30	32	33	32	33	32
GSS06	m	[kg]	48	49	50	51	50		51
GSS07	m	[kg]		82		84	83		84

			080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31 100C41
GSS05	m	[kg]	37	38						
GSS06	m	[kg]	55	56	55	56	62			
GSS07	m	[kg]	88	89	88	89	95	93	102	99

- 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).



GSS□□-3M VAR / VBR

			063C11 063C12	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33
GSS05	m	[kg]	27				29	30	29	30
GSS06	m	[kg]	44	43	44		46			
GSS07	m	[kg]				76	78		77	78

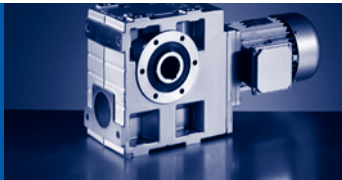
			071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31 100C41
GSS05	m	[kg]	29	34	35						
GSS06	m	[kg]	46	50	51	50	51	58			
GSS07	m	[kg]	78	82	83	82	83	89	87	96	93

GSS□□-3M VAK

			063C11 063C12	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33
GSS05	m	[kg]	31				33	34	33	34
GSS06	m	[kg]	51	50	51		53			
GSS07	m	[kg]				87	89		88	89

			071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31 100C41
GSS05	m	[kg]	33	38	39						
GSS06	m	[kg]	53	57	58	57	58	65			
GSS07	m	[kg]	89	93	94	93	94	100	98	107	104

- 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).



GSS

GSS [kg] - MD□MA (IE1)

GSS□□-3M SAR / SBR

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42
GSS05	m	[kg]	27			29			
GSS06	m	[kg]	42	43	44	45	44	45	
GSS07	m	[kg]		72	74	75	74	75	74

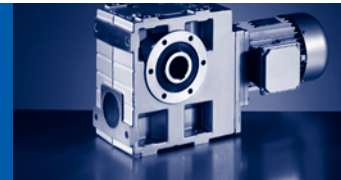
			080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31 100C41
GSS05	m	[kg]	33	34						
GSS06	m	[kg]	49	50	49	50	56			
GSS07	m	[kg]	78	79	78	79	86	84	93	90

GSS□□-3M SAK

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42
GSS05	m	[kg]	31			33			
GSS06	m	[kg]	49	50	51	52	51	52	
GSS07	m	[kg]		83	85	86	85	86	85

			080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12	100C31 100C41
GSS05	m	[kg]	37	38						
GSS06	m	[kg]	56	57	56	57	63			
GSS07	m	[kg]	89	90	89	90	97	95	104	101

- 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).



GSS□□-2M HAR / HBR

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	23	29	31		
GSS05	m	[kg]	32	38	40	46	49
GSS06	m	[kg]	45	51	53	59	61
GSS07	m	[kg]	70	76	78	84	86

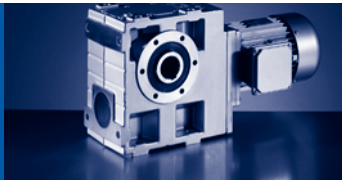
			112C22	132C12	132C22	160C22	160C32
GSS06	m	[kg]	74	96	103		
GSS07	m	[kg]	99	122	129	172	187

GSS□□-2M HAK

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	26	31	33		
GSS05	m	[kg]	36	42	44	50	53
GSS06	m	[kg]	52	58	60	66	68
GSS07	m	[kg]	81	87	89	95	97

			112C22	132C12	132C22	160C22	160C32
GSS06	m	[kg]	81	103	110		
GSS07	m	[kg]	110	133	140	183	198

- 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).



GSS

GSS [kg] - MH□MA (IE2)

GSS□□-2M VAR / VBR

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	24	29	31		
GSS05	m	[kg]	33	39	41	47	50
GSS06	m	[kg]	47	53	55	61	64
GSS07	m	[kg]	75	81	83	89	91

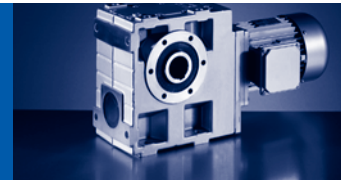
			112C22	132C12	132C22	160C22	160C32
GSS06	m	[kg]	77	99	106		
GSS07	m	[kg]	104	127	134	177	192

GSS□□-2M VAK

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	26	32	34		
GSS05	m	[kg]	37	43	45	51	54
GSS06	m	[kg]	54	60	62	68	71
GSS07	m	[kg]	86	92	94	100	102

			112C22	132C12	132C22	160C22	160C32
GSS06	m	[kg]	84	106	113		
GSS07	m	[kg]	115	138	145	188	203

- 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).



GSS□□-2M SAR / SBR

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	24	29	31		
GSS05	m	[kg]	33	39	41	47	50
GSS06	m	[kg]	46	52	54	60	62
GSS07	m	[kg]	71	77	79	85	88

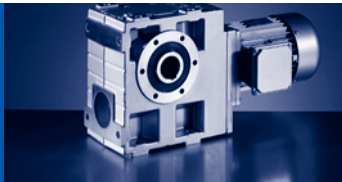
			112C22	132C12	132C22	160C22	160C32
GSS06	m	[kg]	75	97	104		
GSS07	m	[kg]	101	123	130	173	188

GSS□□-2M SAK

			080C32	090C12	090C32	100C12	100C32
GSS04	m	[kg]	26	32	34		
GSS05	m	[kg]	37	43	45	51	54
GSS06	m	[kg]	53	59	61	67	69
GSS07	m	[kg]	82	88	90	96	99

			112C22	132C12	132C22	160C22	160C32
GSS06	m	[kg]	82	104	111		
GSS07	m	[kg]	112	134	141	184	199

- 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).



GSS

GSS [kg] - MH□MA (IE2)

GSS□□-3M HAR / HBR

			080C32	090C12	090C32	100C12
GSS06	m	[kg]	49	54		
GSS07	m	[kg]	78	83	85	91

GSS□□-3M HAK

			080C32	090C12	090C32	100C12
GSS06	m	[kg]	56	61		
GSS07	m	[kg]	89	94	96	102

GSS□□-3M VAR / VBR

			080C32	090C12	090C32	100C12
GSS06	m	[kg]	51	57		
GSS07	m	[kg]	83	88	90	96

GSS□□-3M VAK

			080C32	090C12	090C32	100C12
GSS06	m	[kg]	58	64		
GSS07	m	[kg]	94	99	101	107

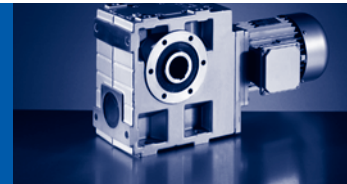
GSS□□-3M SAR / SBR

			080C32	090C12	090C32	100C12
GSS06	m	[kg]	50	55		
GSS07	m	[kg]	79	85	87	93

GSS□□-3M SAK

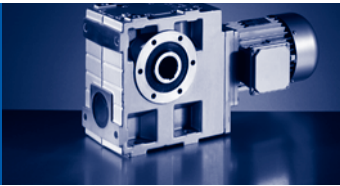
			080C32	090C12	090C32	100C12
GSS06	m	[kg]	57	62		
GSS07	m	[kg]	90	96	98	104

- 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: $P_N=0.12$ 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				
	132	5.4	159	5.4	234	5.4	8.0	10.827	GSS04-2M □□□063C12	802
	103	5.0	125	5.0	184	5.0	10	13.810	GSS04-2M □□□063C12	802
	82	5.4	99	5.4	146	5.4	12	17.360	GSS04-2M □□□063C12	802
	64	5.0	78	5.0	115	5.0	15	22.143	GSS04-2M □□□063C12	802
	42	5.5	51	5.5	74	5.5	22	34.100	GSS04-2M □□□063C12	802
	36	5.4	44	5.4	65	5.4	23	39.200	GSS04-2M □□□063C12	802
	32	4.6	39	4.6	58	4.6	29	43.917	GSS04-2M □□□063C12	802
	29	5.0	35	5.0	51	5.0	29	50.000	GSS04-2M □□□063C12	802
	21	4.2	25	4.2	37	4.1	41	68.200	GSS04-2M □□□063C12	802
	19	3.9	22	3.8	33	3.7	45	77.000	GSS04-2M □□□063C12	802
	16	3.3	20	3.3	29	3.2	52	87.833	GSS04-2M □□□063C12	802
	14	3.1	17	3.0	26	3.0	57	99.167	GSS04-2M □□□063C12	802
	13	2.7	16	2.7	23	2.6	66	111.318	GSS04-2M □□□063C12	802
	11	2.5	14	2.4	20	2.4	72	125.682	GSS04-2M □□□063C12	802
	10	2.2	12	2.1	18	2.1	82	139.500	GSS04-2M □□□063C12	802
	9.1	2.0	11	2.0	16	1.9	89	157.500	GSS04-2M □□□063C12	802
	7.8	1.7	9.4	1.7	14	1.6	106	183.786	GSS04-2M □□□063C12	802
	7.4	2.9	8.9	2.8	13	2.6	122	193.233	GSS05-3M □□□063C12	810
	6.9	1.5	8.3	1.5	12	1.5	116	207.500	GSS04-2M □□□063C12	802
	6.4	2.7	7.8	2.7	11	2.6	131	222.133	GSS05-3M □□□063C12	810
	5.7	2.4	6.9	2.3	10	2.3	148	250.952	GSS05-3M □□□063C12	810
	5	2.2	6.1	2.1	9	2.1	163	283.333	GSS05-3M □□□063C12	810
	4.6	4.1	5.6	4.0	8.2	3.9	169	310.689	GSS06-3M □□□063C12	810
	4.1	3.7	4.9	3.6	7.2	3.5	187	350.778	GSS06-3M □□□063C12	810
	3.7	1.6	4.5	1.6	6.6	1.5	218	386.467	GSS05-3M □□□063C12	810
	3.3	1.5	4	1.5	5.8	1.4	239	436.333	GSS05-3M □□□063C12	810
	3.3	3.0	4	3.0	5.8	2.9	230	436.333	GSS06-3M □□□063C12	810
	2.9	1.3	3.5	1.3	5.1	1.2	272	497.722	GSS05-3M □□□063C12	810
	2.9	2.7	3.5	2.6	5.1	2.5	263	497.722	GSS06-3M □□□063C12	810
	2.5	1.2	3.1	1.2	4.5	1.1	298	561.944	GSS05-3M □□□063C12	810
	2.5	2.4	3.1	2.4	4.5	2.3	290	561.944	GSS06-3M □□□063C12	810
	2.3	1.1	2.7	1.1	4	1.0	335	630.803	GSS05-3M □□□063C12	810
	2.3	2.2	2.7	2.1	4	2.0	327	630.803	GSS06-3M □□□063C12	810
	2	1.0	2.4	1.0	3.6	0.9	367	712.197	GSS05-3M □□□063C12	810
	2	2.0	2.4	1.9	3.6	1.9	361	712.197	GSS06-3M □□□063C12	810
	1.8	0.9	2.2	0.9	3.2	0.8	407	790.500	GSS05-3M □□□063C12	810
	1.8	1.7	2.1	1.7	3.1	1.6	415	816.333	GSS06-3M □□□063C12	810
	1.6	0.8					445	892.500	GSS05-3M □□□063C12	810
	1.6	1.6	1.9	1.5	2.8	1.5	459	921.667	GSS06-3M □□□063C12	810
	1.4	1.4	1.7	1.4	2.5	1.3	512	1023.000	GSS06-3M □□□063C12	810
	1.2	1.2	1.4	1.2	2	1.1	614	1241.550	GSS06-3M □□□063C12	810

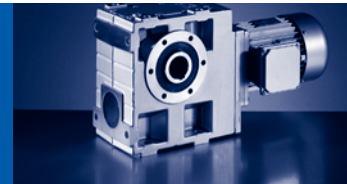


GSS

GSS [Nm] - MD□MA (IE1)

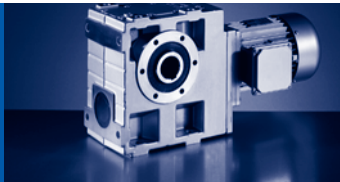
50 Hz: $P_N=0.12$ kW
 60 Hz: $P_N=0.145$ kW
 87 Hz: $P_N=0.21$ kW

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				
	1.2	1.3	1.5	1.3	2.2	1.2	567	1155.000	GSS06-3M □□□063C12	810
	1	1.1	1.2	1.0	1.8	1.0	681	1401.750	GSS06-3M □□□063C12	810
	0.9	0.9	1.1	0.9	1.6	0.9	797	1635.693	GSS06-3M □□□063C12	810
	0.8	0.8	0.9	0.8			886	1846.750	GSS06-3M □□□063C12	810



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						
	62	5.9	76	5.9			23	43.917	GSS04-2M □□□063C11	802
	40	5.3	49	5.1			32	68.200	GSS04-2M □□□063C11	802
	36	4.8	43	4.7			36	77.000	GSS04-2M □□□063C11	802
	31	4.1	38	4.1			42	87.833	GSS04-2M □□□063C11	802
	28	3.8	34	3.7			46	99.167	GSS04-2M □□□063C11	802
	25	3.3	30	3.3			53	111.318	GSS04-2M □□□063C11	802
	22	3.0	27	3.0			58	125.682	GSS04-2M □□□063C11	802
	20	2.7	24	2.6			66	139.500	GSS04-2M □□□063C11	802
	17	2.4	21	2.4			73	157.500	GSS04-2M □□□063C11	802
	15	2.1	18	2.0			87	183.786	GSS04-2M □□□063C11	802
	14	3.1	17	3.0			100	193.233	GSS05-3M □□□063C11	810
	13	1.9	16	1.9			95	207.500	GSS04-2M □□□063C11	802
	12	3.3	15	3.3			106	222.133	GSS05-3M □□□063C11	810
	11	2.9	13	2.9			122	250.952	GSS05-3M □□□063C11	810
	9.7	2.6	12	2.6			135	283.333	GSS05-3M □□□063C11	810
	8.8	5.0	11	4.9			136	310.689	GSS06-3M □□□063C11	810
	7.8	4.5	9.5	4.5			152	350.778	GSS06-3M □□□063C11	810
	7.1	1.9	8.6	1.9			184	386.467	GSS05-3M □□□063C11	810
	6.3	1.8	7.7	1.7			203	436.333	GSS05-3M □□□063C11	810
	5.5	1.5	6.7	1.5			232	497.722	GSS05-3M □□□063C11	810
	5.5	3.2	6.7	3.2			218	497.722	GSS06-3M □□□063C11	810
	4.9	1.4	5.9	1.4			255	561.944	GSS05-3M □□□063C11	810
	4.9	2.9	5.9	2.9			242	561.944	GSS06-3M □□□063C11	810
	4.3	1.3	5.3	1.2			286	630.803	GSS05-3M □□□063C11	810
	4.3	2.6	5.3	2.5			273	630.803	GSS06-3M □□□063C11	810
	3.9	1.1	4.7	1.1			314	712.197	GSS05-3M □□□063C11	810
	3.9	2.3	4.7	2.3			302	712.197	GSS06-3M □□□063C11	810
	3.5	1.0	4.2	1.0			349	790.500	GSS05-3M □□□063C11	810
	3.4	2.1	4.1	2.0			347	816.333	GSS06-3M □□□063C11	810
	3.1	0.9	3.7	0.9			383	892.500	GSS05-3M □□□063C11	810
	3	1.9	3.6	1.8			383	921.667	GSS06-3M □□□063C11	810
	2.7	1.7	3.3	1.6			426	1023.000	GSS06-3M □□□063C11	810
	2.6	0.8					445	1041.452	GSS05-3M □□□063C11	810
	2.4	1.5	2.9	1.5			470	1155.000	GSS06-3M □□□063C11	810
	2.2	1.4	2.7	1.4			509	1241.550	GSS06-3M □□□063C11	810
	2	1.3	2.4	1.3			562	1401.750	GSS06-3M □□□063C11	810
	1.7	1.1	2	1.1			655	1635.693	GSS06-3M □□□063C11	810
	1.5	1.0	1.8	1.0			724	1846.750	GSS06-3M □□□063C11	810



GSS

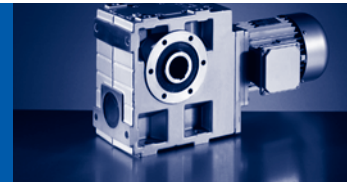
GSS [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.18$ kW

60 Hz: $P_N=0.22$ kW

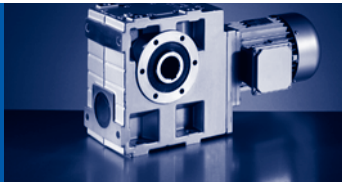
87 Hz: $P_N=0.33$ kW

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				
	126	3.4	154	3.4	229	3.4	12	10.827	GSS04-2M □□□063C32	802
	99	3.2	121	3.2	179	3.2	16	13.810	GSS04-2M □□□063C32	802
	79	3.4	96	3.4	143	3.4	19	17.360	GSS04-2M □□□063C32	802
	62	3.2	75	3.2	112	3.2	24	22.143	GSS04-2M □□□063C32	802
	40	3.5	49	3.5	73	3.5	36	34.100	GSS04-2M □□□063C32	802
	35	3.4	43	3.4	63	3.4	37	39.200	GSS04-2M □□□063C32	802
	31	2.9	38	2.9	56	2.9	46	43.917	GSS04-2M □□□063C32	802
	27	3.2	33	3.2	50	3.2	47	50.000	GSS04-2M □□□063C32	802
	20	2.7	24	2.7	36	2.6	65	68.200	GSS04-2M □□□063C32	802
	18	2.5	22	2.4	32	2.4	72	77.000	GSS04-2M □□□063C32	802
	16	2.1	19	2.1	28	2.1	83	87.833	GSS04-2M □□□063C32	802
	14	2.0	17	1.9	25	1.9	91	99.167	GSS04-2M □□□063C32	802
	12	1.7	15	1.7	22	1.7	104	111.318	GSS04-2M □□□063C32	802
	11	1.6	13	1.5	20	1.5	114	125.682	GSS04-2M □□□063C32	802
	11	2.6	13	2.5	20	2.2	129	125.476	GSS05-3M □□□063C32	810
	11	3.2	13	3.2	20	3.2	116	126.531	GSS06-3M □□□063C32	810
	9.8	1.4	12	1.4	18	1.3	129	139.500	GSS04-2M □□□063C32	802
	9.6	3.2	12	3.2	17	3.2	128	142.857	GSS06-3M □□□063C32	810
	8.8	3.2	11	3.2	16	3.2	140	155.000	GSS06-3M □□□063C32	810
	8.7	1.3	11	1.3	16	1.2	141	157.500	GSS04-2M □□□063C32	802
	7.8	3.2	9.5	3.2	14	3.2	156	175.000	GSS06-3M □□□063C32	810
	7.4	1.1	9.1	1.1	14	1.0	168	183.786	GSS04-2M □□□063C32	802
	7.1	1.8	8.6	1.8	13	1.6	193	193.233	GSS05-3M □□□063C32	810
	6.6	1.0	8	1.0	12	0.9	183	207.500	GSS04-2M □□□063C32	802
	6.1	1.7	7.5	1.7	11	1.7	208	222.133	GSS05-3M □□□063C32	810
	5.4	1.5	6.6	1.5	9.9	1.5	235	250.952	GSS05-3M □□□063C32	810
	5.1	3.0	6.2	3.0	9.2	2.9	233	269.500	GSS06-3M □□□063C32	810
	4.8	1.4	5.9	1.4	8.7	1.3	258	283.333	GSS05-3M □□□063C32	810
	4.4	2.6	5.4	2.6	8	2.5	270	310.689	GSS06-3M □□□063C32	810
	3.9	2.4	4.8	2.3	7.1	2.3	299	350.778	GSS06-3M □□□063C32	810
	3.5	1.1	4.3	1.0	6.4	1.0	344	386.467	GSS05-3M □□□063C32	810
	3.5	2.1	4.3	2.1	6.4	2.0	331	386.467	GSS06-3M □□□063C32	810
	3.1	1.0	3.8	0.9	5.7	0.9	377	436.333	GSS05-3M □□□063C32	810
	3.1	1.9	3.8	1.9	5.7	1.8	365	436.333	GSS06-3M □□□063C32	810
	2.7	0.8	3.4	0.8			429	497.722	GSS05-3M □□□063C32	810
	2.7	1.7	3.4	1.7	5	1.6	417	497.722	GSS06-3M □□□063C32	810
	2.4	1.6	3	1.5	4.4	1.5	460	561.944	GSS06-3M □□□063C32	810
	2.2	1.4	2.6	1.4	3.9	1.3	518	630.803	GSS06-3M □□□063C32	810
	1.9	1.3	2.3	1.2	3.5	1.2	572	712.197	GSS06-3M □□□063C32	810
	1.7	1.1	2	1.1	3	1.0	656	816.333	GSS06-3M □□□063C32	810
	1.5	1.0	1.8	1.0	2.7	0.9	725	921.667	GSS06-3M □□□063C32	810



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				
	1.3	0.9	1.6	0.9	2.4	0.9	808	1023.000	GSS06-3M □□□063C32	810
	1.2	0.8					895	1155.000	GSS06-3M □□□063C32	810

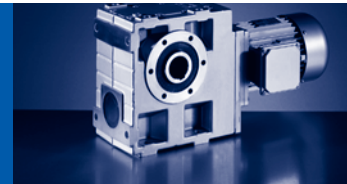


GSS

GSS [Nm] - MD□MA (IE1)

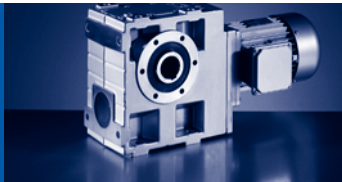
50 Hz: $P_N=0.18$ kW
60 Hz: $P_N=0.22$ kW

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						
	165	5.4	200	5.4			9.0	5.639	GSS04-2M □□□071C13	802
	120	5.4	146	5.4			12	7.733	GSS04-2M □□□071C13	802
	103	5.4	125	5.4			14	9.042	GSS04-2M □□□071C13	802
	86	5.4	104	5.4			18	10.827	GSS05-2M □□□071C13	802
	75	5.4	91	5.4			19	12.400	GSS04-2M □□□071C13	802
	67	5.7	82	5.7			22	13.810	GSS04-2M □□□071C13	802
	54	5.4	65	5.4			27	17.360	GSS05-2M □□□071C13	802
	46	5.4	55	5.4			28	20.417	GSS04-2M □□□071C13	802
	42	5.1	51	5.1			34	22.143	GSS04-2M □□□071C13	802
	38	4.9	46	4.9			35	24.800	GSS04-2M □□□071C13	802
	34	4.2	42	4.2			41	27.125	GSS04-2M □□□071C13	802
	29	3.9	36	3.9			45	31.738	GSS04-2M □□□071C13	802
	27	3.4	33	3.4			52	34.100	GSS04-2M □□□071C13	802
	24	3.3	29	3.2			54	39.200	GSS04-2M □□□071C13	802
	21	2.7	26	2.6			66	43.917	GSS04-2M □□□071C13	802
	19	2.6	23	2.6			68	50.000	GSS04-2M □□□071C13	802
	17	2.4	21	2.3			75	54.250	GSS04-2M □□□071C13	802
	15	2.1	18	2.1			83	61.250	GSS04-2M □□□071C13	802
	14	1.9	17	1.9			94	68.200	GSS04-2M □□□071C13	802
	12	1.7	15	1.7			103	77.000	GSS04-2M □□□071C13	802
	12	3.1	14	3.0			114	79.722	GSS05-2M □□□071C13	802
	11	1.5	13	1.5			119	87.833	GSS04-2M □□□071C13	802
	11	2.8	13	2.7			127	87.833	GSS05-2M □□□071C13	802
	9.4	1.4	11	1.4			130	99.167	GSS04-2M □□□071C13	802
	9.4	2.5	11	2.5			140	99.167	GSS05-2M □□□071C13	802
	8.4	1.2	10	1.2			150	111.318	GSS04-2M □□□071C13	802
	8.2	2.2	9.9	2.2			163	113.667	GSS05-2M □□□071C13	802
	7.4	1.1	9	1.1			163	125.682	GSS04-2M □□□071C13	802
	7.4	1.8	9	1.8			185	125.476	GSS05-3M □□□071C13	810
	7.3	2.0	8.8	2.0			180	128.333	GSS05-2M □□□071C13	802
	6.7	1.0	8.1	1.0			184	139.500	GSS04-2M □□□071C13	802
	6.7	1.8	8.2	1.8			195	137.950	GSS05-2M □□□071C13	802
	6.1	1.5	7.4	1.5			223	153.708	GSS05-3M □□□071C13	810
	6	1.7	7.3	1.6			215	155.750	GSS05-2M □□□071C13	802
	5.9	0.9	7.2	0.9			200	157.500	GSS04-2M □□□071C13	802
	5.3	1.5	6.4	1.4			243	176.313	GSS05-2M □□□071C13	802
	5.3	3.0	6.5	3.0			235	174.375	GSS06-2M □□□071C13	802
	5.3	3.2	6.5	3.1			222	175.000	GSS06-3M □□□071C13	810
	4.8	1.3	5.9	1.3			275	193.233	GSS05-3M □□□071C13	810
	4.8	2.8	5.8	2.8			249	194.857	GSS06-3M □□□071C13	810
	4.7	1.3	5.7	1.3			267	199.063	GSS05-2M □□□071C13	802



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						
	4.7	2.7	5.7	2.7			261	196.875	GSS06-2M □□□071C13	802
	4.2	1.2	5.1	1.2			290	222.133	GSS05-3M □□□071C13	810
	4.2	2.6	5.1	2.5			276	220.000	GSS06-3M □□□071C13	810
	3.9	2.4	4.7	2.3			301	238.700	GSS06-3M □□□071C13	810
	3.7	1.1	4.5	1.1			328	250.952	GSS05-3M □□□071C13	810
	3.5	2.1	4.2	2.1			332	269.500	GSS06-3M □□□071C13	810
	3.3	1.0	4	1.0			359	283.333	GSS05-3M □□□071C13	810
	3	0.9	3.7	0.9			392	307.417	GSS05-3M □□□071C13	810
	3	1.9	3.6	1.8			383	310.689	GSS06-3M □□□071C13	810
	2.9	3.0	3.5	2.9			412	321.673	GSS07-3M □□□071C13	810
	2.7	0.8	3.3	0.8			429	347.083	GSS05-3M □□□071C13	810
	2.7	1.7	3.2	1.7			423	350.778	GSS06-3M □□□071C13	810
	2.6	2.7	3.1	2.6			457	363.179	GSS07-3M □□□071C13	810
	2.4	1.5	2.9	1.5			468	386.467	GSS06-3M □□□071C13	810
	2.4	2.5	2.9	2.4			498	394.245	GSS07-3M □□□071C13	810
	2.1	1.4	2.6	1.4			517	436.333	GSS06-3M □□□071C13	810
	2.1	2.2	2.5	2.2			553	445.116	GSS07-3M □□□071C13	810
	1.9	1.2	2.3	1.2			590	497.722	GSS06-3M □□□071C13	810
	1.9	2.0	2.3	2.0			610	490.403	GSS07-3M □□□071C13	810
	1.7	1.1	2	1.1			652	561.944	GSS06-3M □□□071C13	810
	1.7	1.8	2	1.8			676	553.681	GSS07-3M □□□071C13	810
	1.5	1.0	1.8	1.0			734	630.803	GSS06-3M □□□071C13	810
	1.5	1.6	1.8	1.6			775	634.639	GSS07-3M □□□071C13	810
	1.3	0.9	1.6	0.9			813	712.197	GSS06-3M □□□071C13	810
	1.3	1.5	1.6	1.4			858	716.528	GSS07-3M □□□071C13	810
	1.1	1.3	1.4	1.2			1000	833.556	GSS07-3M □□□071C13	810
	1	1.1	1.2	1.1			1106	941.111	GSS07-3M □□□071C13	810
	0.9	1.0	1.1	1.0			1200	1011.633	GSS07-3M □□□071C13	810
	0.8	0.9	1	0.9			1327	1142.167	GSS07-3M □□□071C13	810
	0.8	0.9	0.9	0.9			1442	1227.755	GSS07-3M □□□071C13	810

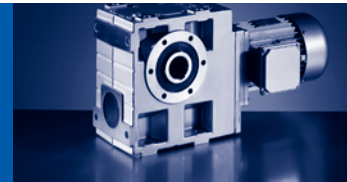


GSS

GSS [Nm] - MD□MA (IE1)

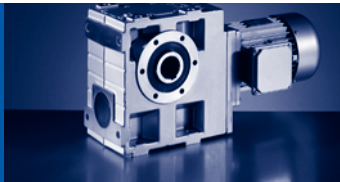
50 Hz: $P_N=0.25$ kW
60 Hz: $P_N=0.31$ kW

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						
	250	4.9	306	4.9			8.0	10.827	GSS04-2M □□□063C31	802
	196	4.6	240	4.6			11	13.810	GSS04-2M □□□063C31	802
	156	4.9	191	4.9			13	17.360	GSS04-2M □□□063C31	802
	122	4.6	150	4.6			17	22.143	GSS04-2M □□□063C31	802
	80	5.0	97	5.0			25	34.100	GSS04-2M □□□063C31	802
	69	4.9	84	4.9			26	39.200	GSS04-2M □□□063C31	802
	62	4.2	75	4.2			32	43.917	GSS04-2M □□□063C31	802
	54	4.6	66	4.4			33	50.000	GSS04-2M □□□063C31	802
	40	3.8	49	3.7			46	68.200	GSS04-2M □□□063C31	802
	35	3.4	43	3.3			51	77.000	GSS04-2M □□□063C31	802
	31	2.9	38	2.9			60	87.833	GSS04-2M □□□063C31	802
	27	2.7	33	2.6			66	99.167	GSS04-2M □□□063C31	802
	24	2.3	30	2.3			76	111.318	GSS04-2M □□□063C31	802
	22	2.1	26	2.1			83	125.682	GSS04-2M □□□063C31	802
	22	3.0	26	2.8			93	125.476	GSS05-3M □□□063C31	810
	19	1.9	24	1.9			94	139.500	GSS04-2M □□□063C31	802
	17	1.7	21	1.7			103	157.500	GSS04-2M □□□063C31	802
	15	1.5	18	1.4			122	183.786	GSS04-2M □□□063C31	802
	14	2.2	17	2.1			142	193.233	GSS05-3M □□□063C31	810
	13	1.3	16	1.3			134	207.500	GSS04-2M □□□063C31	802
	12	2.3	15	2.3			151	222.133	GSS05-3M □□□063C31	810
	11	2.1	13	2.0			173	250.952	GSS05-3M □□□063C31	810
	9.6	1.9	12	1.8			191	283.333	GSS05-3M □□□063C31	810
	8.7	3.6	11	3.5			195	310.689	GSS06-3M □□□063C31	810
	7.7	3.2	9.4	3.2			218	350.778	GSS06-3M □□□063C31	810
	7	1.4	8.6	1.4			260	386.467	GSS05-3M □□□063C31	810
	7	2.9	8.6	2.9			242	386.467	GSS06-3M □□□063C31	810
	6.2	1.3	7.6	1.2			288	436.333	GSS05-3M □□□063C31	810
	6.2	2.6	7.6	2.6			270	436.333	GSS06-3M □□□063C31	810
	5.4	1.1	6.7	1.1			328	497.722	GSS05-3M □□□063C31	810
	5.4	2.3	6.7	2.3			310	497.722	GSS06-3M □□□063C31	810
	4.8	1.0	5.9	1.0			360	561.944	GSS05-3M □□□063C31	810
	4.8	2.1	5.9	2.0			344	561.944	GSS06-3M □□□063C31	810
	4.3	0.9	5.3	0.9			404	630.803	GSS05-3M □□□063C31	810
	4.3	1.8	5.3	1.8			387	630.803	GSS06-3M □□□063C31	810
	3.8	0.8					443	712.197	GSS05-3M □□□063C31	810
	3.8	1.7	4.7	1.6			428	712.197	GSS06-3M □□□063C31	810
	3.3	1.5	4.1	1.4			491	816.333	GSS06-3M □□□063C31	810
	2.9	1.3	3.6	1.3			542	921.667	GSS06-3M □□□063C31	810
	2.7	1.2	3.2	1.2			603	1023.000	GSS06-3M □□□063C31	810
	2.4	1.1	2.9	1.1			665	1155.000	GSS06-3M □□□063C31	810



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						
	2.2	1.0	2.7	1.0			719	1241.550	GSS06-3M □□□063C31	810
	1.9	0.9	2.4	0.9			793	1401.750	GSS06-3M □□□063C31	810



GSS

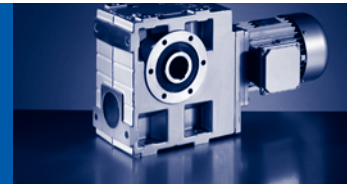
GSS [Nm] - MD□MA (IE1)

50 Hz: P_N=0.25 kW

60 Hz: P_N=0.31 kW

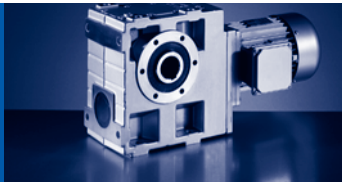
87 Hz: P_N=0.45 kW

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				
	243	4.6	296	4.6	440	4.6	9.0	5.639	GSS04-2M □□□063C42	802
	177	4.6	216	4.6	321	4.6	12	7.733	GSS04-2M □□□063C42	802
	152	4.6	185	4.6	274	4.6	13	9.042	GSS04-2M □□□063C42	802
	138	5.2	169	5.2	251	5.2	15	9.897	GSS04-2M □□□063C42	802
	127	4.6	154	4.6	229	4.6	17	10.827	GSS05-2M □□□063C42	802
	111	4.6	135	4.6	200	4.6	18	12.400	GSS04-2M □□□063C42	802
	99	4.8	121	4.8	180	4.8	21	13.810	GSS04-2M □□□063C42	802
	86	5.2	105	5.2	156	5.2	23	15.869	GSS04-2M □□□063C42	802
	79	4.6	96	4.6	143	4.6	26	17.360	GSS05-2M □□□063C42	802
	67	4.6	82	4.6	122	4.4	27	20.417	GSS04-2M □□□063C42	802
	62	4.8	75	4.8	112	4.8	32	22.143	GSS04-2M □□□063C42	802
	55	4.6	67	4.6	100	4.0	34	24.800	GSS04-2M □□□063C42	802
	51	4.3	62	4.3	91	4.3	39	27.125	GSS04-2M □□□063C42	802
	43	4.1	53	3.9	78	3.4	43	31.738	GSS04-2M □□□063C42	802
	40	3.5	49	3.5	73	3.5	50	34.100	GSS04-2M □□□063C42	802
	35	3.4	43	3.3	63	2.9	52	39.200	GSS04-2M □□□063C42	802
	31	2.8	38	2.8	57	2.7	64	43.917	GSS04-2M □□□063C42	802
	27	2.7	33	2.7	50	2.5	66	50.000	GSS04-2M □□□063C42	802
	25	2.4	31	2.4	46	2.4	73	54.250	GSS04-2M □□□063C42	802
	22	2.2	27	2.2	41	2.2	80	61.250	GSS04-2M □□□063C42	802
	20	2.0	25	1.9	36	1.9	91	68.200	GSS04-2M □□□063C42	802
	18	1.8	22	1.8	32	1.7	100	77.000	GSS04-2M □□□063C42	802
	17	3.2	21	3.2	31	3.0	110	79.722	GSS05-2M □□□063C42	802
	16	1.5	19	1.5	28	1.5	116	87.833	GSS04-2M □□□063C42	802
	16	2.9	19	2.9	28	2.9	122	87.833	GSS05-2M □□□063C42	802
	14	1.4	17	1.4	25	1.4	127	99.167	GSS04-2M □□□063C42	802
	14	2.6	17	2.6	25	2.6	136	99.167	GSS05-2M □□□063C42	802
	12	1.2	15	1.2	22	1.2	145	111.318	GSS04-2M □□□063C42	802
	12	2.3	15	2.2	22	2.2	158	113.667	GSS05-2M □□□063C42	802
	11	1.1	13	1.1	20	1.1	159	125.682	GSS04-2M □□□063C42	802
	11	1.9	13	1.8	20	1.6	180	125.476	GSS05-3M □□□063C42	810
	11	2.0	13	2.0	19	2.0	174	128.333	GSS05-2M □□□063C42	802
	9.9	1.9	12	1.9	18	1.8	190	137.950	GSS05-2M □□□063C42	802
	9.9	3.2	12	3.2	18	3.2	182	137.950	GSS06-2M □□□063C42	802
	9.8	1.0	12	1.0	18	1.0	180	139.500	GSS04-2M □□□063C42	802
	8.9	1.6	11	1.6	16	1.4	218	153.708	GSS05-3M □□□063C42	810
	8.8	1.7	11	1.7	16	1.6	210	155.750	GSS05-2M □□□063C42	802
	8.8	3.2	11	3.2	16	3.2	202	155.750	GSS06-2M □□□063C42	802
	8.7	0.9	11	0.9	16	0.9	196	157.500	GSS04-2M □□□063C42	802
	7.9	2.6	9.6	2.6	14	2.6	228	174.375	GSS06-2M □□□063C42	802
	7.8	1.4	9.5	1.4	14	1.4	240	176.313	GSS05-2M □□□063C42	802



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				
	7.8	3.3	9.5	3.2	14	3.1	215	175.000	GSS06-3M □□□063C42	810
	7.1	1.3	8.6	1.3	13	1.2	269	193.233	GSS05-3M □□□063C42	810
	7	2.6	8.5	2.6	13	2.6	254	196.875	GSS06-2M □□□063C42	802
	7	2.9	8.6	2.9	13	2.8	241	194.857	GSS06-3M □□□063C42	810
	6.9	1.4	8.4	1.3	13	1.3	265	199.063	GSS05-2M □□□063C42	802
	6.2	1.2	7.5	1.2	11	1.2	289	222.133	GSS05-3M □□□063C42	810
	6.2	2.6	7.6	2.6	11	2.5	269	220.000	GSS06-3M □□□063C42	810
	5.7	2.4	7	2.4	10	2.3	294	238.700	GSS06-3M □□□063C42	810
	5.5	1.1	6.7	1.1	9.9	1.1	326	250.952	GSS05-3M □□□063C42	810
	5.1	2.2	6.2	2.1	9.2	2.1	327	269.500	GSS06-3M □□□063C42	810
	4.8	1.0	5.9	1.0	8.8	1.0	359	283.333	GSS05-3M □□□063C42	810
	4.5	0.9	5.4	0.9	8.1	0.9	390	307.417	GSS05-3M □□□063C42	810
	4.4	1.9	5.4	1.9	8	1.8	378	310.689	GSS06-3M □□□063C42	810
	4.3	3.0	5.2	3.0	7.7	2.9	402	321.673	GSS07-3M □□□063C42	810
	4	0.8	4.8	0.8			429	347.083	GSS05-3M □□□063C42	810
	3.9	1.7	4.8	1.7	7.1	1.6	418	350.778	GSS06-3M □□□063C42	810
	3.8	2.7	4.6	2.7	6.8	2.6	447	363.179	GSS07-3M □□□063C42	810
	3.5	1.6	4.3	1.5	6.4	1.5	462	386.467	GSS06-3M □□□063C42	810
	3.5	2.5	4.2	2.5	6.3	2.4	488	394.245	GSS07-3M □□□063C42	810
	3.1	1.4	3.8	1.4	5.7	1.3	510	436.333	GSS06-3M □□□063C42	810
	3.1	2.3	3.8	2.2	5.6	2.2	542	445.116	GSS07-3M □□□063C42	810
	2.8	1.2	3.4	1.2	5	1.2	582	497.722	GSS06-3M □□□063C42	810
	2.8	2.1	3.4	2.0	5.1	2.0	599	490.403	GSS07-3M □□□063C42	810
	2.5	1.9	3	1.8	4.5	1.8	664	553.681	GSS07-3M □□□063C42	810
	2.4	1.1	3	1.1	4.4	1.1	641	561.944	GSS06-3M □□□063C42	810
	2.2	1.0	2.7	1.0	3.9	0.9	721	630.803	GSS06-3M □□□063C42	810
	2.2	1.6	2.6	1.6	3.9	1.6	760	634.639	GSS07-3M □□□063C42	810
	1.9	0.9	2.3	0.9	3.5	0.9	796	712.197	GSS06-3M □□□063C42	810
	1.9	1.5	2.3	1.5	3.5	1.4	842	716.528	GSS07-3M □□□063C42	810
	1.6	1.3	2	1.3	3	1.2	977	833.556	GSS07-3M □□□063C42	810
	1.5	1.2	1.8	1.1	2.6	1.1	1081	941.111	GSS07-3M □□□063C42	810
	1.4	1.1	1.7	1.1	2.5	1.0	1168	1011.633	GSS07-3M □□□063C42	810
	1.2	1.0	1.5	1.0	2.2	0.9	1292	1142.167	GSS07-3M □□□063C42	810
	1.1	0.9	1.4	0.9	2	0.9	1399	1227.755	GSS07-3M □□□063C42	810
	1	0.8					1546	1386.175	GSS07-3M □□□063C42	810



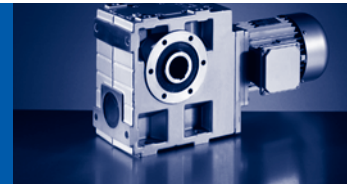
GSS

GSS [Nm] - MD□MA (IE1)

50 Hz: P_N=0.25 kW

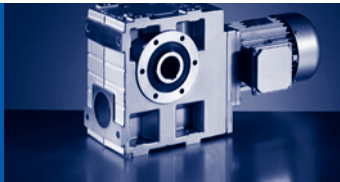
60 Hz: P_N=0.3 kW

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						
	165	3.9	200	3.9			13	5.639	GSS04-2M □□□071C33	802
	120	3.9	146	3.9			18	7.733	GSS04-2M □□□071C33	802
	103	3.9	125	3.9			20	9.042	GSS04-2M □□□071C33	802
	94	4.4	114	4.4			22	9.897	GSS04-2M □□□071C33	802
	86	3.9	104	3.9			25	10.827	GSS05-2M □□□071C33	802
	75	3.9	91	3.9			27	12.400	GSS04-2M □□□071C33	802
	67	4.1	82	4.1			31	13.810	GSS04-2M □□□071C33	802
	59	4.4	71	4.4			34	15.869	GSS04-2M □□□071C33	802
	54	3.9	65	3.9			38	17.360	GSS05-2M □□□071C33	802
	46	3.9	55	3.9			40	20.417	GSS04-2M □□□071C33	802
	42	3.7	51	3.7			47	22.143	GSS04-2M □□□071C33	802
	38	3.6	46	3.5			49	24.800	GSS04-2M □□□071C33	802
	34	3.0	42	3.0			58	27.125	GSS04-2M □□□071C33	802
	29	2.8	36	2.8			63	31.738	GSS04-2M □□□071C33	802
	27	2.4	33	2.4			73	34.100	GSS04-2M □□□071C33	802
	24	2.4	29	2.3			75	39.200	GSS04-2M □□□071C33	802
	21	1.9	26	1.9			93	43.917	GSS04-2M □□□071C33	802
	21	3.1	26	3.1			96	43.917	GSS05-2M □□□071C33	802
	19	1.9	23	1.8			95	50.000	GSS04-2M □□□071C33	802
	17	1.7	21	1.7			106	54.250	GSS04-2M □□□071C33	802
	15	1.5	18	1.5			116	61.250	GSS04-2M □□□071C33	802
	14	1.4	17	1.3			131	68.200	GSS04-2M □□□071C33	802
	13	2.5	16	2.4			144	70.611	GSS05-2M □□□071C33	802
	12	1.3	15	1.2			144	77.000	GSS04-2M □□□071C33	802
	12	2.2	14	2.2			160	79.722	GSS05-2M □□□071C33	802
	11	1.1	13	1.1			167	87.833	GSS04-2M □□□071C33	802
	11	2.0	13	2.0			178	87.833	GSS05-2M □□□071C33	802
	9.4	1.0	11	1.0			182	99.167	GSS04-2M □□□071C33	802
	9.4	1.8	11	1.8			197	99.167	GSS05-2M □□□071C33	802
	8.4	0.9	10	0.9			209	111.318	GSS04-2M □□□071C33	802
	8.2	1.6	9.9	1.6			228	113.667	GSS05-2M □□□071C33	802
	8.2	3.1	9.9	3.1			218	113.667	GSS06-2M □□□071C33	802
	7.4	1.3	9	1.3			258	125.476	GSS05-3M □□□071C33	810
	7.4	3.0	8.9	3.0			230	126.531	GSS06-3M □□□071C33	810
	7.3	1.4	8.8	1.4			251	128.333	GSS05-2M □□□071C33	802
	7.3	2.9	8.8	2.9			243	128.333	GSS06-2M □□□071C33	802
	6.7	1.3	8.2	1.3			273	137.950	GSS05-2M □□□071C33	802
	6.7	2.7	8.2	2.7			263	137.950	GSS06-2M □□□071C33	802
	6.5	2.7	7.9	2.7			257	142.857	GSS06-3M □□□071C33	810
	6.1	1.1	7.4	1.1			311	153.708	GSS05-3M □□□071C33	810
	6	1.2	7.3	1.2			300	155.750	GSS05-2M □□□071C33	802



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						
	6	2.4	7.3	2.4			293	155.750	GSS06-2M □□□071C33	802
	6	2.5	7.3	2.5			281	155.000	GSS06-3M □□□071C33	810
	5.3	1.1	6.4	1.0			340	176.313	GSS05-2M □□□071C33	802
	5.3	2.2	6.5	2.1			330	174.375	GSS06-2M □□□071C33	802
	5.3	2.3	6.5	2.2			312	175.000	GSS06-3M □□□071C33	810
	4.8	0.9	5.9	0.9			384	193.233	GSS05-3M □□□071C33	810
	4.8	2.0	5.8	2.0			349	194.857	GSS06-3M □□□071C33	810
	4.7	1.0	5.7	0.9			373	199.063	GSS05-2M □□□071C33	802
	4.7	1.9	5.7	1.9			366	196.875	GSS06-2M □□□071C33	802
	4.2	0.9	5.1	0.9			405	222.133	GSS05-3M □□□071C33	810
	4.2	1.8	5.1	1.8			387	220.000	GSS06-3M □□□071C33	810
	4.1	2.9	5	2.9			414	227.778	GSS07-3M □□□071C33	810
	3.9	1.7	4.7	1.7			422	238.700	GSS06-3M □□□071C33	810
	3.8	2.7	4.6	2.7			452	247.139	GSS07-3M □□□071C33	810
	3.5	1.5	4.2	1.5			466	269.500	GSS06-3M □□□071C33	810
	3.3	2.4	4.1	2.4			502	279.028	GSS07-3M □□□071C33	810
	3	1.3	3.6	1.3			537	310.689	GSS06-3M □□□071C33	810
	2.9	2.1	3.5	2.1			579	321.673	GSS07-3M □□□071C33	810
	2.7	1.2	3.2	1.2			592	350.778	GSS06-3M □□□071C33	810
	2.6	1.9	3.1	1.9			642	363.179	GSS07-3M □□□071C33	810
	2.4	1.1	2.9	1.1			654	386.467	GSS06-3M □□□071C33	810
	2.4	1.8	2.9	1.7			699	394.245	GSS07-3M □□□071C33	810
	2.1	1.0	2.6	1.0			722	436.333	GSS06-3M □□□071C33	810
	2.1	1.6	2.5	1.6			774	445.116	GSS07-3M □□□071C33	810
	1.9	0.9	2.3	0.9			824	497.722	GSS06-3M □□□071C33	810
	1.9	1.5	2.3	1.4			855	490.403	GSS07-3M □□□071C33	810
	1.7	1.3	2	1.3			946	553.681	GSS07-3M □□□071C33	810
	1.5	1.2	1.8	1.1			1084	634.639	GSS07-3M □□□071C33	810
	1.3	1.0	1.6	1.0			1199	716.528	GSS07-3M □□□071C33	810
	1.1	0.9	1.4	0.9			1396	833.556	GSS07-3M □□□071C33	810
	1	0.8					1544	941.111	GSS07-3M □□□071C33	810



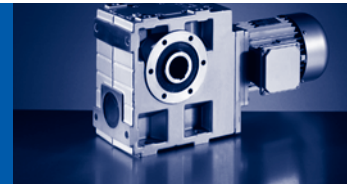
GSS

GSS [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.37$ kW

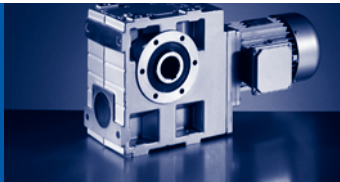
60 Hz: $P_N=0.45$ kW

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						
	133	5.6	163	5.2			20	20.417	GSS04-2M □□□071C11	802
	110	5.1	134	4.7			25	24.800	GSS04-2M □□□071C11	802
	100	5.6	122	5.3			29	27.125	GSS04-2M □□□071C11	802
	86	4.3	105	4.0			32	31.738	GSS04-2M □□□071C11	802
	80	4.6	97	4.5			37	34.100	GSS04-2M □□□071C11	802
	69	3.7	85	3.5			39	39.200	GSS04-2M □□□071C11	802
	62	3.6	76	3.6			48	43.917	GSS04-2M □□□071C11	802
	54	3.2	66	3.0			50	50.000	GSS04-2M □□□071C11	802
	50	3.1	61	2.9			56	54.250	GSS04-2M □□□071C11	802
	44	2.8	54	2.6			61	61.250	GSS04-2M □□□071C11	802
	40	2.5	49	2.5			70	68.200	GSS04-2M □□□071C11	802
	35	2.3	43	2.3			77	77.000	GSS04-2M □□□071C11	802
	31	2.0	38	2.0			89	87.833	GSS04-2M □□□071C11	802
	27	1.8	34	1.8			98	99.167	GSS04-2M □□□071C11	802
	24	1.6	30	1.6			113	111.318	GSS04-2M □□□071C11	802
	24	3.0	29	2.9			119	113.667	GSS05-2M □□□071C11	802
	22	1.5	26	1.4			124	125.682	GSS04-2M □□□071C11	802
	22	2.0	27	1.9			139	125.476	GSS05-3M □□□071C11	810
	21	2.7	26	2.7			132	128.333	GSS05-2M □□□071C11	802
	20	1.3	24	1.3			140	139.500	GSS04-2M □□□071C11	802
	20	2.4	24	2.4			145	137.950	GSS05-2M □□□071C11	802
	18	1.8	22	1.7			169	153.708	GSS05-3M □□□071C11	810
	18	2.2	21	2.2			162	155.750	GSS05-2M □□□071C11	802
	17	1.2	21	1.2			153	157.500	GSS04-2M □□□071C11	802
	15	1.9	19	1.9			185	176.313	GSS05-2M □□□071C11	802
	14	1.5	17	1.4			211	193.233	GSS05-3M □□□071C11	810
	14	1.7	17	1.7			206	199.063	GSS05-2M □□□071C11	802
	12	1.6	15	1.6			225	222.133	GSS05-3M □□□071C11	810
	11	1.4	13	1.4			257	250.952	GSS05-3M □□□071C11	810
	11	3.1	14	3.1			227	238.700	GSS06-3M □□□071C11	810
	10	2.8	12	2.8			252	269.500	GSS06-3M □□□071C11	810
	9.6	1.3	12	1.3			283	283.333	GSS05-3M □□□071C11	810
	8.9	1.2	11	1.1			311	307.417	GSS05-3M □□□071C11	810
	8.8	2.4	11	2.4			292	310.689	GSS06-3M □□□071C11	810
	7.8	1.1	9.6	1.0			343	347.083	GSS05-3M □□□071C11	810
	7.8	2.2	9.5	2.2			326	350.778	GSS06-3M □□□071C11	810
	7	0.9	8.6	0.9			386	386.467	GSS05-3M □□□071C11	810
	7	2.0	8.6	2.0			361	386.467	GSS06-3M □□□071C11	810
	6.9	3.2	8.4	3.2			376	394.245	GSS07-3M □□□071C11	810
	6.2	0.9	7.6	0.8			426	436.333	GSS05-3M □□□071C11	810
	6.2	1.8	7.6	1.8			403	436.333	GSS06-3M □□□071C11	810



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						
	6.1	2.9	7.5	2.9			420	445.116	GSS07-3M □□□071C11	810
	5.6	2.6	6.8	2.6			466	490.403	GSS07-3M □□□071C11	810
	5.5	1.6	6.7	1.5			461	497.722	GSS06-3M □□□071C11	810
	4.9	2.4	6	2.3			520	553.681	GSS07-3M □□□071C11	810
	4.8	1.4	5.9	1.4			512	561.944	GSS06-3M □□□071C11	810
	4.3	1.3	5.3	1.2			576	630.803	GSS06-3M □□□071C11	810
	4.3	2.1	5.2	2.0			599	634.639	GSS07-3M □□□071C11	810
	3.8	1.1	4.7	1.1			636	712.197	GSS06-3M □□□071C11	810
	3.8	1.9	4.6	1.8			666	716.528	GSS07-3M □□□071C11	810
	3.3	1.0	4.1	1.0			729	816.333	GSS06-3M □□□071C11	810
	3.3	1.6	4	1.6			775	833.556	GSS07-3M □□□071C11	810
	3	0.9	3.6	0.9			804	921.667	GSS06-3M □□□071C11	810
	2.9	1.5	3.5	1.4			860	941.111	GSS07-3M □□□071C11	810
	2.7	0.8					894	1023.000	GSS06-3M □□□071C11	810
	2.7	1.3	3.3	1.3			927	1011.633	GSS07-3M □□□071C11	810
	2.4	1.2	2.9	1.2			1027	1142.167	GSS07-3M □□□071C11	810
	2.2	1.1	2.7	1.1			1108	1227.755	GSS07-3M □□□071C11	810
	2	1.0	2.4	1.0			1226	1386.175	GSS07-3M □□□071C11	810
	1.7	0.9	2.1	0.9			1386	1569.181	GSS07-3M □□□071C11	810
	1.5	0.8	1.9	0.8			1534	1771.656	GSS07-3M □□□071C11	810



GSS

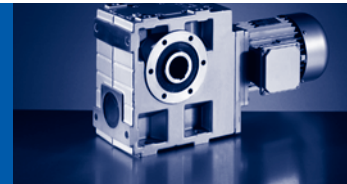
GSS [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.37$ kW

60 Hz: $P_N=0.45$ kW

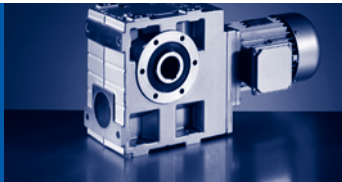
87 Hz: $P_N=0.66$ kW

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				
	250	4.0	303	4.0	447	4.0	12	5.639	GSS04-2M □□□071C32	802
	182	4.0	221	4.0	326	4.0	17	7.733	GSS04-2M □□□071C32	802
	156	4.0	189	4.0	279	4.0	19	9.042	GSS04-2M □□□071C32	802
	143	4.5	173	4.5	255	4.5	22	9.897	GSS04-2M □□□071C32	802
	130	4.0	158	4.0	233	4.0	24	10.827	GSS05-2M □□□071C32	802
	114	4.0	138	4.0	203	4.0	26	12.400	GSS04-2M □□□071C32	802
	102	4.2	124	4.2	183	4.2	31	13.810	GSS04-2M □□□071C32	802
	89	4.5	108	4.5	159	4.3	34	15.869	GSS04-2M □□□071C32	802
	81	4.0	99	4.0	145	4.0	37	17.360	GSS05-2M □□□071C32	802
	69	3.8	84	3.5	123	3.0	39	20.417	GSS04-2M □□□071C32	802
	64	3.7	77	3.7	114	3.5	47	22.143	GSS04-2M □□□071C32	802
	57	3.4	69	3.2	102	2.8	49	24.800	GSS04-2M □□□071C32	802
	52	3.1	63	3.1	93	3.0	57	27.125	GSS04-2M □□□071C32	802
	44	2.8	54	2.7	79	2.4	62	31.738	GSS04-2M □□□071C32	802
	41	2.5	50	2.4	74	2.4	72	34.100	GSS04-2M □□□071C32	802
	36	2.4	44	2.3	64	2.0	75	39.200	GSS04-2M □□□071C32	802
	32	1.9	39	1.9	57	1.9	93	43.917	GSS04-2M □□□071C32	802
	32	3.2	39	3.2	57	3.2	95	43.917	GSS05-2M □□□071C32	802
	28	1.9	34	1.8	50	1.7	96	50.000	GSS04-2M □□□071C32	802
	26	1.7	32	1.7	47	1.7	106	54.250	GSS04-2M □□□071C32	802
	23	1.5	28	1.5	41	1.5	116	61.250	GSS04-2M □□□071C32	802
	21	1.4	25	1.3	37	1.3	132	68.200	GSS04-2M □□□071C32	802
	20	2.5	24	2.5	36	2.3	143	70.611	GSS05-2M □□□071C32	802
	18	1.2	22	1.2	33	1.2	145	77.000	GSS04-2M □□□071C32	802
	18	2.2	21	2.2	32	2.1	159	79.722	GSS05-2M □□□071C32	802
	16	1.1	20	1.1	29	1.0	168	87.833	GSS04-2M □□□071C32	802
	16	2.0	20	2.0	29	2.0	178	87.833	GSS05-2M □□□071C32	802
	14	1.0	17	1.0	25	1.0	184	99.167	GSS04-2M □□□071C32	802
	14	1.8	17	1.8	25	1.8	198	99.167	GSS05-2M □□□071C32	802
	13	0.9	15	0.9	23	0.8	210	111.318	GSS04-2M □□□071C32	802
	12	1.6	15	1.6	22	1.5	229	113.667	GSS05-2M □□□071C32	802
	12	3.2	15	3.2	22	3.1	218	113.667	GSS06-2M □□□071C32	802
	11	1.3	14	1.3	20	1.1	261	125.476	GSS05-3M □□□071C32	810
	11	1.4	13	1.4	20	1.4	253	128.333	GSS05-2M □□□071C32	802
	11	2.9	13	2.9	20	2.8	244	128.333	GSS06-2M □□□071C32	802
	11	3.0	14	3.0	20	2.9	231	126.531	GSS06-3M □□□071C32	810
	10	1.3	12	1.3	18	1.3	275	137.950	GSS05-2M □□□071C32	802
	10	2.7	12	2.7	18	2.6	264	137.950	GSS06-2M □□□071C32	802
	9.9	2.7	12	2.7	18	2.7	257	142.857	GSS06-3M □□□071C32	810
	9.2	1.1	11	1.1	16	1.0	315	153.708	GSS05-3M □□□071C32	810
	9.1	1.2	11	1.2	16	1.1	303	155.750	GSS05-2M □□□071C32	802



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				
	9.1	2.4	11	2.4	16	2.3	294	155.750	GSS06-2M □□□071C32	802
	9.1	2.5	11	2.5	16	2.4	281	155.000	GSS06-3M □□□071C32	810
	8.1	2.2	9.8	2.1	15	2.1	330	174.375	GSS06-2M □□□071C32	802
	8.1	2.3	9.8	2.2	14	2.2	313	175.000	GSS06-3M □□□071C32	810
	8	1.0	9.7	1.0	14	1.0	347	176.313	GSS05-2M □□□071C32	802
	7.3	0.9	8.9	0.9	13	0.8	389	193.233	GSS05-3M □□□071C32	810
	7.2	1.9	8.7	1.9	13	1.9	368	196.875	GSS06-2M □□□071C32	802
	7.2	2.0	8.8	2.0	13	2.0	351	194.857	GSS06-3M □□□071C32	810
	7.1	0.9	8.6	0.9	13	0.9	383	199.063	GSS05-2M □□□071C32	802
	6.4	0.9	7.7	0.9	11	0.8	418	222.133	GSS05-3M □□□071C32	810
	6.4	1.8	7.8	1.8	12	1.8	391	220.000	GSS06-3M □□□071C32	810
	6.2	3.0	7.5	2.9	11	2.9	414	227.778	GSS07-3M □□□071C32	810
	5.9	1.7	7.2	1.7	11	1.6	427	238.700	GSS06-3M □□□071C32	810
	5.7	2.7	6.9	2.7	10	2.6	453	247.139	GSS07-3M □□□071C32	810
	5.2	1.5	6.4	1.5	9.4	1.5	474	269.500	GSS06-3M □□□071C32	810
	5.1	2.4	6.1	2.4	9	2.4	504	279.028	GSS07-3M □□□071C32	810
	4.5	1.3	5.5	1.3	8.1	1.3	547	310.689	GSS06-3M □□□071C32	810
	4.4	2.1	5.3	2.1	7.8	2.0	585	321.673	GSS07-3M □□□071C32	810
	4	1.2	4.9	1.2	7.2	1.1	605	350.778	GSS06-3M □□□071C32	810
	3.9	1.9	4.7	1.9	6.9	1.8	650	363.179	GSS07-3M □□□071C32	810
	3.7	1.1	4.4	1.1	6.5	1.0	668	386.467	GSS06-3M □□□071C32	810
	3.6	1.7	4.3	1.7	6.4	1.7	709	394.245	GSS07-3M □□□071C32	810
	3.2	1.0	3.9	1.0	5.8	0.9	737	436.333	GSS06-3M □□□071C32	810
	3.2	1.6	3.8	1.6	5.7	1.5	787	445.116	GSS07-3M □□□071C32	810
	2.9	1.4	3.5	1.4	5.1	1.4	869	490.403	GSS07-3M □□□071C32	810
	2.8	0.9	3.4	0.8	5.1	0.8	841	497.722	GSS06-3M □□□071C32	810
	2.6	1.3	3.1	1.3	4.6	1.2	963	553.681	GSS07-3M □□□071C32	810
	2.2	1.1	2.7	1.1	4	1.1	1101	634.639	GSS07-3M □□□071C32	810
	2	1.0	2.4	1.0	3.5	1.0	1218	716.528	GSS07-3M □□□071C32	810
	1.7	0.9	2.1	0.9	3	0.8	1413	833.556	GSS07-3M □□□071C32	810
	1.5	0.8					1563	941.111	GSS07-3M □□□071C32	810

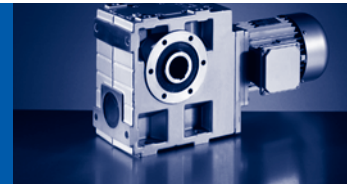


GSS

GSS [Nm] - MD□MA (IE1)

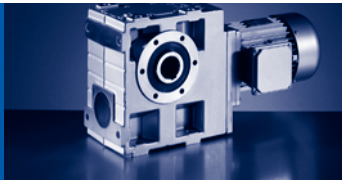
50 Hz: $P_N=0.37$ kW
60 Hz: $P_N=0.45$ kW

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						
	169	5.7	204	5.7			18	5.639	GSS04-2M □□□080C13	802
	123	5.7	149	5.7			25	7.733	GSS04-2M □□□080C13	802
	105	5.7	127	5.6			28	9.042	GSS04-2M □□□080C13	802
	96	4.8	116	4.8			32	9.897	GSS04-2M □□□080C13	802
	88	4.4	106	4.4			36	10.827	GSS04-2M □□□080C13	802
	77	4.5	93	4.5			39	12.400	GSS04-2M □□□080C13	802
	69	3.5	83	3.5			46	13.810	GSS04-2M □□□080C13	802
	60	3.5	73	3.5			50	15.869	GSS04-2M □□□080C13	802
	55	3.2	66	3.2			54	17.360	GSS04-2M □□□080C13	802
	47	3.0	56	2.8			58	20.417	GSS04-2M □□□080C13	802
	43	2.6	52	2.5			69	22.143	GSS04-2M □□□080C13	802
	38	2.5	46	2.4			72	24.800	GSS04-2M □□□080C13	802
	35	2.1	42	2.1			85	27.125	GSS04-2M □□□080C13	802
	30	1.9	36	1.9			92	31.738	GSS04-2M □□□080C13	802
	28	1.7	34	1.7			106	34.100	GSS04-2M □□□080C13	802
	27	3.1	33	3.1			113	35.306	GSS05-2M □□□080C13	802
	24	1.6	29	1.6			110	39.200	GSS04-2M □□□080C13	802
	24	3.1	29	3.0			115	39.200	GSS05-2M □□□080C13	802
	22	1.3	26	1.3			135	43.917	GSS04-2M □□□080C13	802
	22	2.5	26	2.5			140	43.917	GSS05-2M □□□080C13	802
	19	1.3	23	1.3			139	50.000	GSS04-2M □□□080C13	802
	19	2.4	23	2.4			148	50.000	GSS05-2M □□□080C13	802
	18	1.2	21	1.2			154	54.250	GSS04-2M □□□080C13	802
	18	2.2	21	2.2			163	54.250	GSS05-2M □□□080C13	802
	16	1.1	19	1.1			169	61.250	GSS04-2M □□□080C13	802
	16	2.0	19	2.0			181	61.250	GSS05-2M □□□080C13	802
	14	0.9	17	0.9			191	68.200	GSS04-2M □□□080C13	802
	14	1.7	16	1.7			211	70.611	GSS05-2M □□□080C13	802
	12	0.9	15	0.9			209	77.000	GSS04-2M □□□080C13	802
	12	1.5	14	1.5			233	79.722	GSS05-2M □□□080C13	802
	12	3.1	14	3.1			225	79.722	GSS06-2M □□□080C13	802
	11	1.4	13	1.4			260	87.833	GSS05-2M □□□080C13	802
	11	2.8	13	2.8			249	87.833	GSS06-2M □□□080C13	802
	9.6	1.3	12	1.2			287	99.167	GSS05-2M □□□080C13	802
	9.6	2.5	12	2.5			278	99.167	GSS06-2M □□□080C13	802
	8.4	1.1	10	1.1			332	113.667	GSS05-2M □□□080C13	802
	8.4	2.2	10	2.2			319	113.667	GSS06-2M □□□080C13	802
	7.6	0.9	9.2	0.9			375	125.476	GSS05-3M □□□080C13	810
	7.5	2.1	9.1	2.1			338	126.531	GSS06-3M □□□080C13	810
	7.4	1.0	9	1.0			366	128.333	GSS05-2M □□□080C13	802
	7.4	2.0	9	2.0			356	128.333	GSS06-2M □□□080C13	802



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						
	6.9	0.9	8.3	0.9			397	137.950	GSS05-2M □□□080C13	802
	6.9	1.9	8.3	1.8			386	137.950	GSS06-2M □□□080C13	802
	6.9	3.1	8.3	3.1			394	137.950	GSS07-2M □□□080C13	802
	6.7	1.9	8.1	1.9			377	142.857	GSS06-3M □□□080C13	810
	6.7	3.2	8.1	3.1			386	142.857	GSS07-3M □□□080C13	810
	6.1	0.8	7.4	0.8			437	155.750	GSS05-2M □□□080C13	802
	6.1	1.7	7.4	1.7			429	155.750	GSS06-2M □□□080C13	802
	6.1	1.7	7.4	1.7			412	155.000	GSS06-3M □□□080C13	810
	6.1	2.8	7.4	2.7			440	155.750	GSS07-2M □□□080C13	802
	6.1	2.9	7.4	2.9			422	155.000	GSS07-3M □□□080C13	810
	5.5	1.5	6.6	1.5			482	174.375	GSS06-2M □□□080C13	802
	5.5	2.5	6.6	2.5			497	174.375	GSS07-2M □□□080C13	802
	5.4	1.6	6.6	1.5			457	175.000	GSS06-3M □□□080C13	810
	5.4	2.6	6.6	2.6			470	175.000	GSS07-3M □□□080C13	810
	4.9	1.4	5.9	1.4			511	194.857	GSS06-3M □□□080C13	810
	4.8	1.3	5.8	1.3			534	196.875	GSS06-2M □□□080C13	802
	4.8	2.2	5.8	2.2			553	196.875	GSS07-2M □□□080C13	802
	4.7	2.3	5.7	2.2			546	201.746	GSS07-3M □□□080C13	810
	4.3	1.3	5.2	1.3			565	220.000	GSS06-3M □□□080C13	810
	4.2	2.0	5.1	2.0			607	227.778	GSS07-3M □□□080C13	810
	4	1.2	4.8	1.2			616	238.700	GSS06-3M □□□080C13	810
	3.8	1.9	4.7	1.8			662	247.139	GSS07-3M □□□080C13	810
	3.5	1.1	4.3	1.0			679	269.500	GSS06-3M □□□080C13	810
	3.4	1.7	4.1	1.7			735	279.028	GSS07-3M □□□080C13	810
	3.1	0.9	3.7	0.9			782	310.689	GSS06-3M □□□080C13	810
	3	1.5	3.6	1.4			846	321.673	GSS07-3M □□□080C13	810
	2.7	0.8	3.3	0.8			862	350.778	GSS06-3M □□□080C13	810
	2.6	1.3	3.2	1.3			938	363.179	GSS07-3M □□□080C13	810
	2.4	1.2	2.9	1.2			1020	394.245	GSS07-3M □□□080C13	810
	2.1	1.1	2.6	1.1			1130	445.116	GSS07-3M □□□080C13	810
	1.9	1.0	2.4	1.0			1246	490.403	GSS07-3M □□□080C13	810
	1.7	0.9	2.1	0.9			1379	553.681	GSS07-3M □□□080C13	810

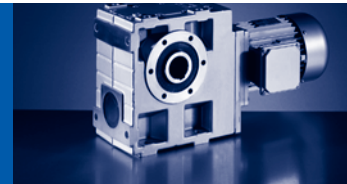


GSS

GSS [Nm] - MD□MA (IE1)

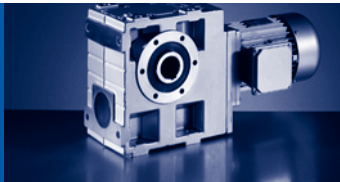
50 Hz: P_N=0.55 kW
60 Hz: P_N=0.68 kW

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						
	466	5.0	573	5.0			10	5.639	GSS04-2M □□□071C31	802
	340	5.0	418	5.0			13	7.733	GSS04-2M □□□071C31	802
	291	5.0	357	5.0			15	9.042	GSS04-2M □□□071C31	802
	266	5.7	326	5.7			17	9.897	GSS04-2M □□□071C31	802
	243	5.0	298	5.0			19	10.827	GSS05-2M □□□071C31	802
	212	5.0	261	5.0			21	12.400	GSS04-2M □□□071C31	802
	190	5.2	234	5.2			24	13.810	GSS04-2M □□□071C31	802
	166	5.2	204	4.9			27	15.869	GSS04-2M □□□071C31	802
	152	4.9	186	4.6			29	17.360	GSS04-2M □□□071C31	802
	129	3.6	158	3.4			32	20.417	GSS04-2M □□□071C31	802
	119	4.2	146	3.9			38	22.143	GSS04-2M □□□071C31	802
	106	3.3	130	3.1			40	24.800	GSS04-2M □□□071C31	802
	97	3.6	119	3.4			46	27.125	GSS04-2M □□□071C31	802
	83	2.8	102	2.6			51	31.738	GSS04-2M □□□071C31	802
	77	3.0	95	2.9			58	34.100	GSS04-2M □□□071C31	802
	67	2.4	82	2.2			61	39.200	GSS04-2M □□□071C31	802
	60	2.4	74	2.4			75	43.917	GSS04-2M □□□071C31	802
	53	2.1	65	1.9			78	50.000	GSS04-2M □□□071C31	802
	49	2.0	60	1.9			87	54.250	GSS04-2M □□□071C31	802
	43	1.8	53	1.7			95	61.250	GSS04-2M □□□071C31	802
	39	1.7	47	1.6			108	68.200	GSS04-2M □□□071C31	802
	37	2.7	46	2.5			114	70.611	GSS05-2M □□□071C31	802
	34	1.5	42	1.5			119	77.000	GSS04-2M □□□071C31	802
	33	2.5	41	2.3			127	79.722	GSS05-2M □□□071C31	802
	30	1.3	37	1.3			139	87.833	GSS04-2M □□□071C31	802
	30	2.4	37	2.2			142	87.833	GSS05-2M □□□071C31	802
	27	1.2	33	1.2			152	99.167	GSS04-2M □□□071C31	802
	27	2.2	33	2.0			158	99.167	GSS05-2M □□□071C31	802
	24	1.0	29	1.0			175	111.318	GSS04-2M □□□071C31	802
	23	1.9	28	1.9			185	113.667	GSS05-2M □□□071C31	802
	21	0.9	26	0.9			191	125.682	GSS04-2M □□□071C31	802
	21	1.3	26	1.2			216	125.476	GSS05-3M □□□071C31	810
	21	1.7	25	1.7			206	128.333	GSS05-2M □□□071C31	802
	19	0.8	23	0.8			216	139.500	GSS04-2M □□□071C31	802
	19	1.6	23	1.6			225	137.950	GSS05-2M □□□071C31	802
	19	3.2	23	3.2			217	137.950	GSS06-2M □□□071C31	802
	17	1.2	21	1.1			262	153.708	GSS05-3M □□□071C31	810
	17	1.4	21	1.4			251	155.750	GSS05-2M □□□071C31	802
	17	2.9	21	2.9			243	155.750	GSS06-2M □□□071C31	802
	17	3.0	21	3.0			232	155.000	GSS06-3M □□□071C31	810
	15	1.3	18	1.2			287	176.313	GSS05-2M □□□071C31	802



50 Hz: P_N=0.55 kW
60 Hz: P_N=0.68 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						
	15	2.6	19	2.6			273	174.375	GSS06-2M □□□071C31	802
	15	2.7	19	2.7			259	175.000	GSS06-3M □□□071C31	810
	14	1.0	17	0.9			327	193.233	GSS05-3M □□□071C31	810
	14	2.4	17	2.4			290	194.857	GSS06-3M □□□071C31	810
	13	1.1	16	1.1			319	199.063	GSS05-2M □□□071C31	802
	13	2.3	16	2.3			305	196.875	GSS06-2M □□□071C31	802
	12	1.0	15	1.0			348	222.133	GSS05-3M □□□071C31	810
	12	2.2	15	2.2			324	220.000	GSS06-3M □□□071C31	810
	11	0.9	13	0.9			397	250.952	GSS05-3M □□□071C31	810
	11	2.0	14	2.0			353	238.700	GSS06-3M □□□071C31	810
	9.8	1.8	12	1.8			392	269.500	GSS06-3M □□□071C31	810
	9.4	2.9	12	2.9			416	279.028	GSS07-3M □□□071C31	810
	9.3	0.8	11	0.8			438	283.333	GSS05-3M □□□071C31	810
	8.5	1.6	10	1.6			454	310.689	GSS06-3M □□□071C31	810
	8.2	2.5	10	2.5			485	321.673	GSS07-3M □□□071C31	810
	7.5	1.4	9.2	1.4			506	350.778	GSS06-3M □□□071C31	810
	7.2	2.3	8.9	2.3			538	363.179	GSS07-3M □□□071C31	810
	6.8	1.3	8.4	1.3			561	386.467	GSS06-3M □□□071C31	810
	6.7	2.1	8.2	2.1			587	394.245	GSS07-3M □□□071C31	810
	6	1.2	7.4	1.1			625	436.333	GSS06-3M □□□071C31	810
	5.9	1.9	7.3	1.9			654	445.116	GSS07-3M □□□071C31	810
	5.4	1.7	6.6	1.7			726	490.403	GSS07-3M □□□071C31	810
	5.3	1.0	6.5	1.0			714	497.722	GSS06-3M □□□071C31	810
	4.8	1.5	5.8	1.5			808	553.681	GSS07-3M □□□071C31	810
	4.7	0.9	5.8	0.9			792	561.944	GSS06-3M □□□071C31	810
	4.2	0.8					890	630.803	GSS06-3M □□□071C31	810
	4.1	1.3	5.1	1.3			930	634.639	GSS07-3M □□□071C31	810
	3.7	1.2	4.5	1.2			1033	716.528	GSS07-3M □□□071C31	810
	3.2	1.0	3.9	1.0			1201	833.556	GSS07-3M □□□071C31	810
	2.8	0.9	3.4	0.9			1331	941.111	GSS07-3M □□□071C31	810
	2.6	0.9	3.2	0.9			1435	1011.633	GSS07-3M □□□071C31	810



GSS

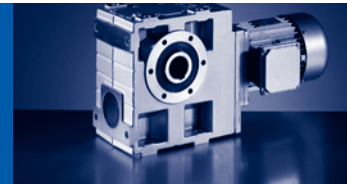
GSS [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.55$ kW

60 Hz: $P_N=0.68$ kW

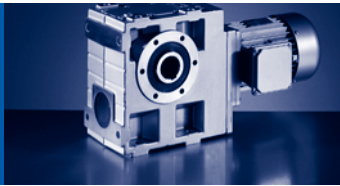
87 Hz: $P_N=1.0$ kW

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				
	249	4.5	302	4.5	446	4.5	18	5.639	GSS04-2M □□□071C42	802
	182	4.5	221	4.5	325	4.5	25	7.733	GSS04-2M □□□071C42	802
	155	4.5	189	4.5	278	4.3	29	9.042	GSS04-2M □□□071C42	802
	142	4.2	172	4.2	254	4.2	33	9.897	GSS04-2M □□□071C42	802
	130	4.2	158	4.2	232	4.2	36	10.827	GSS04-2M □□□071C42	802
	113	4.2	138	3.9	203	3.4	39	12.400	GSS04-2M □□□071C42	802
	102	3.4	124	3.4	182	3.4	46	13.810	GSS04-2M □□□071C42	802
	89	3.5	107	3.3	159	2.9	51	15.869	GSS04-2M □□□071C42	802
	81	3.2	98	3.1	145	2.7	55	17.360	GSS04-2M □□□071C42	802
	69	2.5	84	2.4	123	2.0	60	20.417	GSS04-2M □□□071C42	802
	64	2.5	77	2.5	114	2.3	71	22.143	GSS04-2M □□□071C42	802
	57	2.3	69	2.1	101	1.9	74	24.800	GSS04-2M □□□071C42	802
	52	2.1	63	2.0	93	2.0	87	27.125	GSS04-2M □□□071C42	802
	44	1.9	54	1.8	79	1.6	94	31.738	GSS04-2M □□□071C42	802
	44	3.1	54	2.9	79	2.5	95	31.738	GSS05-2M □□□071C42	802
	41	1.6	50	1.6	74	1.6	109	34.100	GSS04-2M □□□071C42	802
	40	3.1	48	3.1	71	2.8	114	35.306	GSS05-2M □□□071C42	802
	36	1.6	44	1.6	64	1.4	114	39.200	GSS04-2M □□□071C42	802
	36	2.7	44	2.5	64	2.2	116	39.200	GSS05-2M □□□071C42	802
	32	1.3	39	1.3	57	1.3	139	43.917	GSS04-2M □□□071C42	802
	32	2.5	39	2.5	57	2.4	143	43.917	GSS05-2M □□□071C42	802
	32	3.2	39	3.2	57	3.2	140	43.917	GSS06-2M □□□071C42	802
	28	1.3	34	1.2	50	1.2	144	50.000	GSS04-2M □□□071C42	802
	28	2.3	34	2.2	50	1.9	149	50.000	GSS05-2M □□□071C42	802
	26	1.1	31	1.1	46	1.1	159	54.250	GSS04-2M □□□071C42	802
	26	2.2	31	2.1	46	1.8	165	54.250	GSS05-2M □□□071C42	802
	23	1.0	28	1.0	41	1.0	174	61.250	GSS04-2M □□□071C42	802
	23	1.9	28	1.9	41	1.7	183	61.250	GSS05-2M □□□071C42	802
	21	0.9	25	0.9	37	0.9	198	68.200	GSS04-2M □□□071C42	802
	20	1.7	24	1.7	36	1.5	215	70.611	GSS05-2M □□□071C42	802
	18	0.8	22	0.8	33	0.8	217	77.000	GSS04-2M □□□071C42	802
	18	1.5	21	1.5	32	1.4	240	79.722	GSS05-2M □□□071C42	802
	18	3.0	21	3.0	32	2.8	232	79.722	GSS06-2M □□□071C42	802
	16	1.3	19	1.3	29	1.3	268	87.833	GSS05-2M □□□071C42	802
	16	2.7	19	2.7	29	2.6	257	87.833	GSS06-2M □□□071C42	802
	14	1.2	17	1.2	25	1.2	297	99.167	GSS05-2M □□□071C42	802
	14	2.5	17	2.4	25	2.4	287	99.167	GSS06-2M □□□071C42	802
	12	1.1	15	1.0	22	1.0	344	113.667	GSS05-2M □□□071C42	802
	12	2.2	15	2.1	22	2.1	330	113.667	GSS06-2M □□□071C42	802
	11	0.9	14	0.8			391	125.476	GSS05-3M □□□071C42	810
	11	1.0	13	0.9	20	0.9	379	128.333	GSS05-2M □□□071C42	802



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				
	11	1.9	13	1.9	20	1.9	368	128.333	GSS06-2M □□□071C42	802
	11	2.0	14	2.0	20	2.0	349	126.531	GSS06-3M □□□071C42	810
	10	0.9	12	0.9	18	0.9	413	137.950	GSS05-2M □□□071C42	802
	10	1.8	12	1.8	18	1.7	398	137.950	GSS06-2M □□□071C42	802
	9.8	1.8	12	1.8	18	1.8	388	142.857	GSS06-3M □□□071C42	810
	9.8	3.1	12	3.0	18	3.0	397	142.857	GSS07-3M □□□071C42	810
	9.1	1.7	11	1.7	16	1.6	424	155.000	GSS06-3M □□□071C42	810
	9.1	2.8	11	2.8	16	2.7	437	155.000	GSS07-3M □□□071C42	810
	9	1.6	11	1.6	16	1.6	443	155.750	GSS06-2M □□□071C42	802
	8.1	1.4	9.8	1.4	14	1.4	498	174.375	GSS06-2M □□□071C42	802
	8	1.5	9.7	1.5	14	1.5	472	175.000	GSS06-3M □□□071C42	810
	8	2.5	9.7	2.5	14	2.5	485	175.000	GSS07-3M □□□071C42	810
	7.2	1.4	8.8	1.3	13	1.3	529	194.857	GSS06-3M □□□071C42	810
	7.1	1.3	8.7	1.3	13	1.3	554	196.875	GSS06-2M □□□071C42	802
	7	2.2	8.5	2.2	13	2.1	561	201.746	GSS07-3M □□□071C42	810
	6.4	1.2	7.8	1.2	11	1.2	589	220.000	GSS06-3M □□□071C42	810
	6.2	2.0	7.5	2.0	11	1.9	625	227.778	GSS07-3M □□□071C42	810
	5.9	1.1	7.1	1.1	11	1.1	642	238.700	GSS06-3M □□□071C42	810
	5.7	1.8	6.9	1.8	10	1.8	684	247.139	GSS07-3M □□□071C42	810
	5.2	1.0	6.3	1.0	9.3	1.0	712	269.500	GSS06-3M □□□071C42	810
	5	1.6	6.1	1.6	9	1.6	761	279.028	GSS07-3M □□□071C42	810
	4.5	0.9	5.5	0.9	8.1	0.9	821	310.689	GSS06-3M □□□071C42	810
	4.4	1.4	5.3	1.4	7.8	1.4	881	321.673	GSS07-3M □□□071C42	810
	3.9	1.3	4.7	1.3	6.9	1.2	978	363.179	GSS07-3M □□□071C42	810
	3.6	1.2	4.3	1.2	6.4	1.1	1066	394.245	GSS07-3M □□□071C42	810
	3.2	1.1	3.8	1.0	5.7	1.0	1182	445.116	GSS07-3M □□□071C42	810
	2.9	1.0	3.5	0.9	5.1	0.9	1304	490.403	GSS07-3M □□□071C42	810
	2.5	0.9	3.1	0.9	4.5	0.8	1445	553.681	GSS07-3M □□□071C42	810



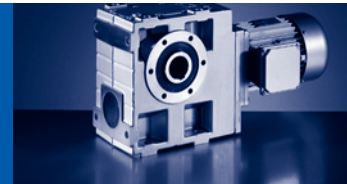
GSS

GSS [Nm] - MD□MA (IE1)

50 Hz: P_N=0.55 kW

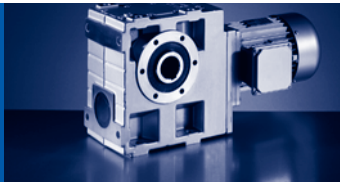
60 Hz: P_N=0.66 kW

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						
	165	3.7	200	3.7			28	5.639	GSS04-2M □□□080C33	802
	120	3.7	146	3.7			39	7.733	GSS04-2M □□□080C33	802
	103	3.7	125	3.7			44	9.042	GSS04-2M □□□080C33	802
	94	3.2	114	3.2			50	9.897	GSS04-2M □□□080C33	802
	86	2.9	104	2.9			55	10.827	GSS04-2M □□□080C33	802
	75	3.0	91	2.9			60	12.400	GSS04-2M □□□080C33	802
	67	2.3	82	2.3			70	13.810	GSS04-2M □□□080C33	802
	59	2.3	71	2.3			77	15.869	GSS04-2M □□□080C33	802
	54	2.1	65	2.1			84	17.360	GSS04-2M □□□080C33	802
	46	2.0	55	1.8			90	20.417	GSS04-2M □□□080C33	802
	42	1.7	51	1.7			107	22.143	GSS04-2M □□□080C33	802
	42	3.2	51	3.2			108	22.143	GSS05-2M □□□080C33	802
	38	1.6	46	1.6			111	24.800	GSS04-2M □□□080C33	802
	34	1.4	42	1.4			130	27.125	GSS04-2M □□□080C33	802
	34	2.7	42	2.7			133	27.125	GSS05-2M □□□080C33	802
	29	1.3	36	1.3			141	31.738	GSS04-2M □□□080C33	802
	29	2.4	36	2.2			145	31.738	GSS05-2M □□□080C33	802
	27	1.1	33	1.1			162	34.100	GSS04-2M □□□080C33	802
	26	2.1	32	2.0			174	35.306	GSS05-2M □□□080C33	802
	26	3.1	32	3.1			169	35.306	GSS06-2M □□□080C33	802
	24	1.1	29	1.1			169	39.200	GSS04-2M □□□080C33	802
	24	2.0	29	2.0			177	39.200	GSS05-2M □□□080C33	802
	21	0.9	26	0.9			207	43.917	GSS04-2M □□□080C33	802
	21	1.7	26	1.7			215	43.917	GSS05-2M □□□080C33	802
	21	2.6	26	2.6			210	43.917	GSS06-2M □□□080C33	802
	19	0.9	23	0.8			213	50.000	GSS04-2M □□□080C33	802
	19	1.6	23	1.6			227	50.000	GSS05-2M □□□080C33	802
	19	3.2	23	3.2			220	50.000	GSS06-2M □□□080C33	802
	17	1.4	21	1.4			250	54.250	GSS05-2M □□□080C33	802
	15	1.3	18	1.3			278	61.250	GSS05-2M □□□080C33	802
	13	1.1	16	1.1			323	70.611	GSS05-2M □□□080C33	802
	13	2.3	16	2.3			310	70.611	GSS06-2M □□□080C33	802
	12	1.0	14	1.0			357	79.722	GSS05-2M □□□080C33	802
	12	2.1	14	2.0			346	79.722	GSS06-2M □□□080C33	802
	11	0.9	13	0.9			397	87.833	GSS05-2M □□□080C33	802
	11	1.9	13	1.8			383	87.833	GSS06-2M □□□080C33	802
	9.4	0.8	11	0.8			438	99.167	GSS05-2M □□□080C33	802
	9.4	1.7	11	1.7			427	99.167	GSS06-2M □□□080C33	802
	8.2	1.5	9.9	1.4			490	113.667	GSS06-2M □□□080C33	802
	8.2	2.4	9.9	2.4			506	113.667	GSS07-2M □□□080C33	802
	7.4	1.4	8.9	1.4			519	126.531	GSS06-3M □□□080C33	810



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						
	7.4	2.3	8.9	2.3			533	126.531	GSS07-3M □□□080C33	810
	7.3	1.3	8.8	1.3			545	128.333	GSS06-2M □□□080C33	802
	7.3	2.2	8.8	2.2			563	128.333	GSS07-2M □□□080C33	802
	6.7	1.2	8.2	1.2			590	137.950	GSS06-2M □□□080C33	802
	6.7	2.0	8.2	2.0			607	137.950	GSS07-2M □□□080C33	802
	6.5	1.2	7.9	1.2			578	142.857	GSS06-3M □□□080C33	810
	6.5	2.1	7.9	2.1			594	142.857	GSS07-3M □□□080C33	810
	6	1.1	7.3	1.1			656	155.750	GSS06-2M □□□080C33	802
	6	1.1	7.3	1.1			630	155.000	GSS06-3M □□□080C33	810
	6	1.8	7.3	1.8			676	155.750	GSS07-2M □□□080C33	802
	6	1.9	7.3	1.9			649	155.000	GSS07-3M □□□080C33	810
	5.3	1.0	6.5	1.0			737	174.375	GSS06-2M □□□080C33	802
	5.3	1.0	6.5	1.0			699	175.000	GSS06-3M □□□080C33	810
	5.3	1.6	6.5	1.6			763	174.375	GSS07-2M □□□080C33	802
	5.3	1.7	6.5	1.7			722	175.000	GSS07-3M □□□080C33	810
	4.8	0.9	5.8	0.9			780	194.857	GSS06-3M □□□080C33	810
	4.7	0.9	5.7	0.9			816	196.875	GSS06-2M □□□080C33	802
	4.7	1.5	5.7	1.5			848	196.875	GSS07-2M □□□080C33	802
	4.6	1.5	5.6	1.5			837	201.746	GSS07-3M □□□080C33	810
	4.2	0.8	5.1	0.8			863	220.000	GSS06-3M □□□080C33	810
	4.1	1.3	5	1.3			930	227.778	GSS07-3M □□□080C33	810
	3.8	1.2	4.6	1.2			1014	247.139	GSS07-3M □□□080C33	810
	3.3	1.1	4.1	1.1			1125	279.028	GSS07-3M □□□080C33	810
	2.9	1.0	3.5	1.0			1294	321.673	GSS07-3M □□□080C33	810
	2.6	0.9	3.1	0.9			1433	363.179	GSS07-3M □□□080C33	810
	2.4	0.8					1558	394.245	GSS07-3M □□□080C33	810



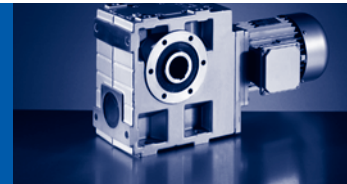
GSS

GSS [Nm] - MD□MA (IE1)

50 Hz: P_N=0.75 kW

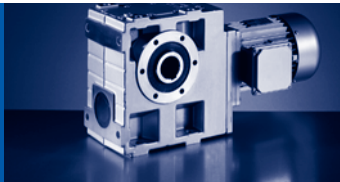
60 Hz: P_N=0.92 kW

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						
	482	5.5	589	4.2			13	5.639	GSS04-2M □□□080C11	802
	352	5.9	429	4.8			17	7.733	GSS04-2M □□□080C11	802
	301	5.7	367	5.0			20	9.042	GSS04-2M □□□080C11	802
	251	5.7	307	4.9			25	10.827	GSS04-2M □□□080C11	802
	219	4.7	268	4.4			28	12.400	GSS04-2M □□□080C11	802
	197	4.8	240	4.6			32	13.810	GSS04-2M □□□080C11	802
	171	3.9	209	3.7			36	15.869	GSS04-2M □□□080C11	802
	157	3.7	191	3.5			39	17.360	GSS04-2M □□□080C11	802
	133	2.8	163	2.6			42	20.417	GSS04-2M □□□080C11	802
	123	3.2	150	3.0			50	22.143	GSS04-2M □□□080C11	802
	110	2.5	134	2.3			53	24.800	GSS04-2M □□□080C11	802
	100	2.8	122	2.6			62	27.125	GSS04-2M □□□080C11	802
	86	2.1	105	2.0			68	31.738	GSS04-2M □□□080C11	802
	80	2.3	97	2.2			78	34.100	GSS04-2M □□□080C11	802
	69	1.8	85	1.7			82	39.200	GSS04-2M □□□080C11	802
	69	3.0	85	2.8			81	39.200	GSS05-2M □□□080C11	802
	62	1.8	76	1.8			100	43.917	GSS04-2M □□□080C11	802
	62	3.3	76	3.1			100	43.917	GSS05-2M □□□080C11	802
	54	1.6	66	1.5			104	50.000	GSS04-2M □□□080C11	802
	54	2.6	66	2.4			104	50.000	GSS05-2M □□□080C11	802
	50	1.5	61	1.4			115	54.250	GSS04-2M □□□080C11	802
	50	2.4	61	2.3			116	54.250	GSS05-2M □□□080C11	802
	44	1.4	54	1.3			126	61.250	GSS04-2M □□□080C11	802
	44	2.3	54	2.1			128	61.250	GSS05-2M □□□080C11	802
	40	1.3	49	1.2			143	68.200	GSS04-2M □□□080C11	802
	39	2.1	47	1.9			151	70.611	GSS05-2M □□□080C11	802
	35	1.1	43	1.1			158	77.000	GSS04-2M □□□080C11	802
	34	1.9	42	1.8			168	79.722	GSS05-2M □□□080C11	802
	31	1.0	38	1.0			184	87.833	GSS04-2M □□□080C11	802
	31	1.8	38	1.7			189	87.833	GSS05-2M □□□080C11	802
	27	0.9	34	0.9			202	99.167	GSS04-2M □□□080C11	802
	27	1.7	34	1.6			210	99.167	GSS05-2M □□□080C11	802
	27	3.2	34	3.0			207	99.167	GSS06-2M □□□080C11	802
	24	1.5	29	1.4			246	113.667	GSS05-2M □□□080C11	802
	24	3.0	29	2.8			239	113.667	GSS06-2M □□□080C11	802
	22	1.0	27	0.9			285	125.476	GSS05-3M □□□080C11	810
	22	2.8	26	2.7			253	126.531	GSS06-3M □□□080C11	810
	21	1.3	26	1.3			273	128.333	GSS05-2M □□□080C11	802
	21	2.6	26	2.6			267	128.333	GSS06-2M □□□080C11	802
	20	1.2	24	1.2			298	137.950	GSS05-2M □□□080C11	802
	20	2.5	24	2.4			289	137.950	GSS06-2M □□□080C11	802



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						
	19	2.5	23	2.4			282	142.857	GSS06-3M □□□080C11	810
	18	0.9	22	0.8			347	153.708	GSS05-3M □□□080C11	810
	18	1.1	21	1.1			332	155.750	GSS05-2M □□□080C11	802
	18	2.2	21	2.2			323	155.750	GSS06-2M □□□080C11	802
	18	2.3	21	2.3			309	155.000	GSS06-3M □□□080C11	810
	16	2.0	19	1.9			363	174.375	GSS06-2M □□□080C11	802
	16	2.1	19	2.0			344	175.000	GSS06-3M □□□080C11	810
	14	1.8	17	1.7			405	196.875	GSS06-2M □□□080C11	802
	14	1.9	17	1.8			385	194.857	GSS06-3M □□□080C11	810
	14	3.0	17	2.9			413	196.875	GSS07-2M □□□080C11	802
	14	3.0	17	3.0			406	201.746	GSS07-3M □□□080C11	810
	12	1.7	15	1.7			430	220.000	GSS06-3M □□□080C11	810
	12	2.7	15	2.7			454	227.778	GSS07-3M □□□080C11	810
	11	1.5	14	1.5			469	238.700	GSS06-3M □□□080C11	810
	11	2.5	13	2.5			497	247.139	GSS07-3M □□□080C11	810
	10	1.4	12	1.4			520	269.500	GSS06-3M □□□080C11	810
	9.8	2.2	12	2.2			553	279.028	GSS07-3M □□□080C11	810
	8.8	1.2	11	1.2			602	310.689	GSS06-3M □□□080C11	810
	8.5	1.9	10	1.9			645	321.673	GSS07-3M □□□080C11	810
	7.8	1.1	9.5	1.1			671	350.778	GSS06-3M □□□080C11	810
	7.5	1.7	9.1	1.7			715	363.179	GSS07-3M □□□080C11	810
	7	1.0	8.6	1.0			743	386.467	GSS06-3M □□□080C11	810
	6.9	1.6	8.4	1.6			779	394.245	GSS07-3M □□□080C11	810
	6.2	0.9	7.6	0.9			827	436.333	GSS06-3M □□□080C11	810
	6.1	1.4	7.5	1.4			868	445.116	GSS07-3M □□□080C11	810
	5.6	1.3	6.8	1.3			962	490.403	GSS07-3M □□□080C11	810
	4.9	1.2	6	1.2			1070	553.681	GSS07-3M □□□080C11	810
	4.3	1.0	5.2	1.0			1232	634.639	GSS07-3M □□□080C11	810
	3.8	0.9	4.6	0.9			1367	716.528	GSS07-3M □□□080C11	810



GSS

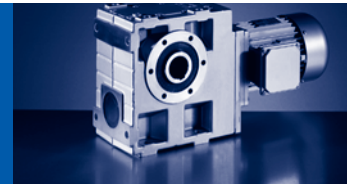
GSS [Nm] - MD□MA (IE1)

50 Hz: P_N=0.75 kW

60 Hz: P_N=0.92 kW

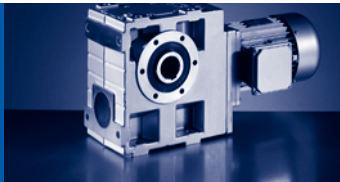
87 Hz: P_N=1.35 kW

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				
	250	4.2	303	4.2	447	3.4	25	5.639	GSS04-2M □□□080C32	802
	182	4.2	221	4.2	326	3.5	35	7.733	GSS04-2M □□□080C32	802
	156	3.8	189	3.6	279	3.1	39	9.042	GSS04-2M □□□080C32	802
	143	3.5	173	3.5	255	3.3	45	9.897	GSS04-2M □□□080C32	802
	130	3.2	158	3.2	233	3.1	49	10.827	GSS04-2M □□□080C32	802
	114	3.1	138	2.9	203	2.5	54	12.400	GSS04-2M □□□080C32	802
	102	2.5	124	2.5	183	2.5	63	13.810	GSS04-2M □□□080C32	802
	89	2.6	108	2.4	159	2.1	69	15.869	GSS04-2M □□□080C32	802
	81	2.3	99	2.3	145	2.0	76	17.360	GSS04-2M □□□080C32	802
	69	1.9	84	1.7	123	1.5	82	20.417	GSS04-2M □□□080C32	802
	64	1.8	77	1.8	114	1.7	97	22.143	GSS04-2M □□□080C32	802
	57	1.7	69	1.6	102	1.4	101	24.800	GSS04-2M □□□080C32	802
	52	1.5	63	1.5	93	1.5	118	27.125	GSS04-2M □□□080C32	802
	52	2.9	63	2.8	93	2.4	120	27.125	GSS05-2M □□□080C32	802
	44	1.4	54	1.3	79	1.2	129	31.738	GSS04-2M □□□080C32	802
	44	2.3	54	2.2	79	1.9	131	31.738	GSS05-2M □□□080C32	802
	41	1.2	50	1.2	74	1.2	148	34.100	GSS04-2M □□□080C32	802
	40	2.3	48	2.3	71	2.0	157	35.306	GSS05-2M □□□080C32	802
	36	1.2	44	1.1	64	1.0	155	39.200	GSS04-2M □□□080C32	802
	36	2.0	44	1.9	64	1.6	159	39.200	GSS05-2M □□□080C32	802
	32	1.0	39	0.9	57	0.9	190	43.917	GSS04-2M □□□080C32	802
	32	1.8	39	1.8	57	1.8	196	43.917	GSS05-2M □□□080C32	802
	32	2.9	39	2.9	57	2.9	191	43.917	GSS06-2M □□□080C32	802
	28	0.9	34	0.9	50	0.9	196	50.000	GSS04-2M □□□080C32	802
	28	1.7	34	1.6	50	1.4	204	50.000	GSS05-2M □□□080C32	802
	26	0.8	32	0.8	47	0.8	217	54.250	GSS04-2M □□□080C32	802
	26	1.6	32	1.5	47	1.3	226	54.250	GSS05-2M □□□080C32	802
	23	1.4	28	1.4	41	1.2	251	61.250	GSS05-2M □□□080C32	802
	20	1.2	24	1.2	36	1.1	294	70.611	GSS05-2M □□□080C32	802
	20	2.5	24	2.5	36	2.2	285	70.611	GSS06-2M □□□080C32	802
	18	1.1	21	1.1	32	1.0	328	79.722	GSS05-2M □□□080C32	802
	18	2.2	21	2.2	32	2.0	318	79.722	GSS06-2M □□□080C32	802
	16	1.0	20	1.0	29	1.0	365	87.833	GSS05-2M □□□080C32	802
	16	2.0	20	2.0	29	1.9	352	87.833	GSS06-2M □□□080C32	802
	14	0.9	17	0.9	25	0.9	405	99.167	GSS05-2M □□□080C32	802
	14	1.8	17	1.8	25	1.8	393	99.167	GSS06-2M □□□080C32	802
	12	1.6	15	1.6	22	1.5	452	113.667	GSS06-2M □□□080C32	802
	12	2.7	15	2.6	22	2.6	462	113.667	GSS07-2M □□□080C32	802
	11	1.4	13	1.4	20	1.4	503	128.333	GSS06-2M □□□080C32	802
	11	1.5	14	1.5	20	1.5	478	126.531	GSS06-3M □□□080C32	810
	11	2.4	13	2.4	20	2.3	516	128.333	GSS07-2M □□□080C32	802



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				
	11	2.5	14	2.5	20	2.5	490	126.531	GSS07-3M □□□080C32	810
	10	1.3	12	1.3	18	1.3	544	137.950	GSS06-2M □□□080C32	802
	10	2.2	12	2.2	18	2.2	560	137.950	GSS07-2M □□□080C32	802
	9.9	1.4	12	1.3	18	1.3	530	142.857	GSS06-3M □□□080C32	810
	9.9	2.3	12	2.2	18	2.2	546	142.857	GSS07-3M □□□080C32	810
	9.1	1.2	11	1.2	16	1.2	579	155.000	GSS06-3M □□□080C32	810
	9.1	1.2	11	1.2	16	1.2	605	155.750	GSS06-2M □□□080C32	802
	9.1	2.0	11	2.0	16	1.9	623	155.750	GSS07-2M □□□080C32	802
	9.1	2.1	11	2.1	16	2.0	599	155.000	GSS07-3M □□□080C32	810
	8.1	1.1	9.8	1.1	14	1.1	645	175.000	GSS06-3M □□□080C32	810
	8.1	1.1	9.8	1.1	15	1.0	679	174.375	GSS06-2M □□□080C32	802
	8.1	1.8	9.8	1.7	15	1.7	701	174.375	GSS07-2M □□□080C32	802
	8.1	1.9	9.8	1.8	14	1.8	664	175.000	GSS07-3M □□□080C32	810
	7.2	1.0	8.8	1.0	13	1.0	722	194.857	GSS06-3M □□□080C32	810
	7.2	1.0	8.7	0.9	13	0.9	755	196.875	GSS06-2M □□□080C32	802
	7.2	1.6	8.7	1.6	13	1.5	782	196.875	GSS07-2M □□□080C32	802
	7	1.6	8.5	1.6	13	1.6	768	201.746	GSS07-3M □□□080C32	810
	6.4	0.9	7.8	0.9	12	0.9	803	220.000	GSS06-3M □□□080C32	810
	6.2	1.5	7.5	1.4	11	1.4	855	227.778	GSS07-3M □□□080C32	810
	5.9	0.8	7.2	0.8			876	238.700	GSS06-3M □□□080C32	810
	5.7	1.3	6.9	1.3	10	1.3	935	247.139	GSS07-3M □□□080C32	810
	5.1	1.2	6.1	1.2	9	1.2	1039	279.028	GSS07-3M □□□080C32	810
	4.4	1.0	5.3	1.0	7.8	1.0	1203	321.673	GSS07-3M □□□080C32	810
	3.9	0.9	4.7	0.9	6.9	0.9	1335	363.179	GSS07-3M □□□080C32	810
	3.6	0.9	4.3	0.9	6.4	0.8	1455	394.245	GSS07-3M □□□080C32	810



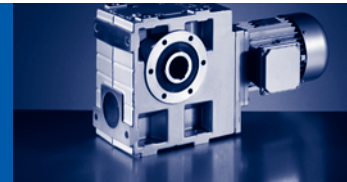
GSS

GSS [Nm] - MD□MA (IE1)

50 Hz: P_N=1.1 kW

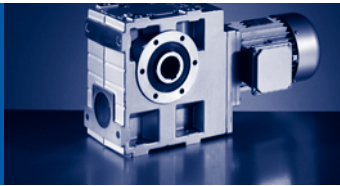
60 Hz: P_N=1.3 kW

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						
	482	3.8	589	2.8			19	5.639	GSS04-2M □□□080C31	802
	352	4.0	429	3.3			26	7.733	GSS04-2M □□□080C31	802
	301	3.9	367	3.4			30	9.042	GSS04-2M □□□080C31	802
	275	4.1	336	3.4			33	9.897	GSS04-2M □□□080C31	802
	251	3.9	307	3.3			37	10.827	GSS04-2M □□□080C31	802
	219	3.2	268	3.0			42	12.400	GSS04-2M □□□080C31	802
	197	3.3	240	3.1			47	13.810	GSS04-2M □□□080C31	802
	171	2.7	209	2.5			53	15.869	GSS04-2M □□□080C31	802
	157	2.5	191	2.4			58	17.360	GSS04-2M □□□080C31	802
	133	1.9	163	1.8			63	20.417	GSS04-2M □□□080C31	802
	123	2.2	150	2.0			74	22.143	GSS04-2M □□□080C31	802
	110	1.7	134	1.6			78	24.800	GSS04-2M □□□080C31	802
	100	1.9	122	1.8			91	27.125	GSS04-2M □□□080C31	802
	100	3.1	122	2.9			91	27.125	GSS05-2M □□□080C31	802
	86	1.5	105	1.4			100	31.738	GSS04-2M □□□080C31	802
	86	2.3	105	2.2			99	31.738	GSS05-2M □□□080C31	802
	80	1.6	97	1.5			115	34.100	GSS04-2M □□□080C31	802
	77	2.6	94	2.4			119	35.306	GSS05-2M □□□080C31	802
	69	1.2	85	1.2			121	39.200	GSS04-2M □□□080C31	802
	69	2.0	85	1.9			120	39.200	GSS05-2M □□□080C31	802
	62	1.2	76	1.2			147	43.917	GSS04-2M □□□080C31	802
	62	2.2	76	2.1			149	43.917	GSS05-2M □□□080C31	802
	54	1.1	66	1.0			153	50.000	GSS04-2M □□□080C31	802
	54	1.7	66	1.6			155	50.000	GSS05-2M □□□080C31	802
	50	1.0	61	1.0			169	54.250	GSS04-2M □□□080C31	802
	50	1.7	61	1.6			171	54.250	GSS05-2M □□□080C31	802
	44	0.9	54	0.9			186	61.250	GSS04-2M □□□080C31	802
	44	1.5	54	1.4			190	61.250	GSS05-2M □□□080C31	802
	40	0.9	49	0.8			211	68.200	GSS04-2M □□□080C31	802
	39	1.4	47	1.3			224	70.611	GSS05-2M □□□080C31	802
	39	2.8	47	2.6			221	70.611	GSS06-2M □□□080C31	802
	34	1.3	42	1.2			248	79.722	GSS05-2M □□□080C31	802
	34	2.5	42	2.4			247	79.722	GSS06-2M □□□080C31	802
	31	1.2	38	1.1			279	87.833	GSS05-2M □□□080C31	802
	31	2.4	38	2.3			274	87.833	GSS06-2M □□□080C31	802
	27	1.1	34	1.1			310	99.167	GSS05-2M □□□080C31	802
	27	2.2	34	2.1			307	99.167	GSS06-2M □□□080C31	802
	24	1.0	29	1.0			362	113.667	GSS05-2M □□□080C31	802
	24	2.0	29	1.9			354	113.667	GSS06-2M □□□080C31	802
	22	1.9	26	1.8			375	126.531	GSS06-3M □□□080C31	810
	22	3.2	26	3.2			379	126.531	GSS07-3M □□□080C31	810



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						
	21	0.9	26	0.9			402	128.333	GSS05-2M □□□080C31	802
	21	1.8	26	1.8			396	128.333	GSS06-2M □□□080C31	802
	21	3.0	26	3.0			401	128.333	GSS07-2M □□□080C31	802
	20	0.8	24	0.8			439	137.950	GSS05-2M □□□080C31	802
	20	1.7	24	1.7			428	137.950	GSS06-2M □□□080C31	802
	20	2.8	24	2.8			434	137.950	GSS07-2M □□□080C31	802
	19	1.7	23	1.7			418	142.857	GSS06-3M □□□080C31	810
	19	2.9	23	2.9			426	142.857	GSS07-3M □□□080C31	810
	18	1.5	21	1.5			477	155.750	GSS06-2M □□□080C31	802
	18	1.6	21	1.6			457	155.000	GSS06-3M □□□080C31	810
	18	2.5	21	2.5			486	155.750	GSS07-2M □□□080C31	802
	18	2.6	21	2.6			464	155.000	GSS07-3M □□□080C31	810
	16	1.3	19	1.3			536	174.375	GSS06-2M □□□080C31	802
	16	1.4	19	1.4			509	175.000	GSS06-3M □□□080C31	810
	16	2.3	19	2.2			547	174.375	GSS07-2M □□□080C31	802
	16	2.4	19	2.3			521	175.000	GSS07-3M □□□080C31	810
	14	1.2	17	1.2			598	196.875	GSS06-2M □□□080C31	802
	14	1.3	17	1.3			569	194.857	GSS06-3M □□□080C31	810
	14	2.0	17	2.0			612	196.875	GSS07-2M □□□080C31	802
	14	2.1	17	2.0			602	201.746	GSS07-3M □□□080C31	810
	12	1.1	15	1.1			634	220.000	GSS06-3M □□□080C31	810
	12	1.8	15	1.8			673	227.778	GSS07-3M □□□080C31	810
	11	1.0	14	1.0			692	238.700	GSS06-3M □□□080C31	810
	11	1.7	13	1.7			736	247.139	GSS07-3M □□□080C31	810
	10	0.9	12	0.9			768	269.500	GSS06-3M □□□080C31	810
	9.8	1.5	12	1.5			819	279.028	GSS07-3M □□□080C31	810
	8.8	0.8	11	0.8			888	310.689	GSS06-3M □□□080C31	810
	8.5	1.3	10	1.3			954	321.673	GSS07-3M □□□080C31	810
	7.5	1.2	9.1	1.2			1056	363.179	GSS07-3M □□□080C31	810
	6.9	1.1	8.4	1.1			1150	394.245	GSS07-3M □□□080C31	810
	6.1	1.0	7.5	1.0			1281	445.116	GSS07-3M □□□080C31	810
	5.6	0.9	6.8	0.9			1419	490.403	GSS07-3M □□□080C31	810



GSS

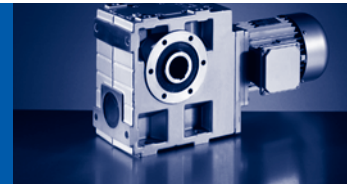
GSS [Nm] - MD□MA (IE1)

50 Hz: P_N=1.1 kW

60 Hz: P_N=1.3 kW

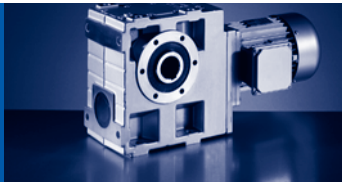
87 Hz: P_N=2.0 kW

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				
	247	3.9	300	3.4	443	2.3	37	5.639	GSS04-2M □□□080C42	802
	180	3.0	219	2.9	323	2.4	52	7.733	GSS04-2M □□□080C42	802
	154	2.6	187	2.4	277	2.1	59	9.042	GSS04-2M □□□080C42	802
	140	2.4	171	2.4	253	2.2	67	9.897	GSS04-2M □□□080C42	802
	128	2.2	156	2.2	231	2.1	74	10.827	GSS04-2M □□□080C42	802
	112	2.1	136	1.9	202	1.7	82	12.400	GSS04-2M □□□080C42	802
	101	1.7	122	1.7	181	1.7	95	13.810	GSS04-2M □□□080C42	802
	101	2.9	122	2.9	181	2.8	94	13.810	GSS05-2M □□□080C42	802
	88	1.7	107	1.6	158	1.4	104	15.869	GSS04-2M □□□080C42	802
	88	2.8	107	2.7	158	2.3	104	15.869	GSS05-2M □□□080C42	802
	80	1.6	97	1.5	144	1.4	114	17.360	GSS04-2M □□□080C42	802
	80	2.7	97	2.5	144	2.2	114	17.360	GSS05-2M □□□080C42	802
	68	1.2	83	1.2	122	1.0	123	20.417	GSS04-2M □□□080C42	802
	68	2.0	83	1.9	122	1.7	123	20.417	GSS05-2M □□□080C42	802
	63	1.2	76	1.2	113	1.2	145	22.143	GSS04-2M □□□080C42	802
	63	2.3	76	2.1	113	1.9	147	22.143	GSS05-2M □□□080C42	802
	56	1.1	68	1.1	101	0.9	152	24.800	GSS04-2M □□□080C42	802
	56	1.8	68	1.7	101	1.5	153	24.800	GSS05-2M □□□080C42	802
	51	1.0	62	1.0	92	1.0	177	27.125	GSS04-2M □□□080C42	802
	51	2.0	62	1.9	92	1.6	180	27.125	GSS05-2M □□□080C42	802
	44	0.9	53	0.9			193	31.738	GSS04-2M □□□080C42	802
	44	1.6	53	1.5	79	1.3	196	31.738	GSS05-2M □□□080C42	802
	44	3.1	53	2.9	79	2.3	194	31.738	GSS06-2M □□□080C42	802
	39	1.5	48	1.5	71	1.4	235	35.306	GSS05-2M □□□080C42	802
	39	3.1	48	3.1	71	2.7	229	35.306	GSS06-2M □□□080C42	802
	36	1.4	43	1.3	64	1.1	239	39.200	GSS05-2M □□□080C42	802
	36	2.6	43	2.5	64	2.1	238	39.200	GSS06-2M □□□080C42	802
	32	1.2	39	1.2	57	1.2	293	43.917	GSS05-2M □□□080C42	802
	32	2.5	39	2.5	57	2.4	285	43.917	GSS06-2M □□□080C42	802
	32	3.1	39	3.1	58	3.1	283	43.271	GSS07-2M □□□080C42	802
	28	1.2	34	1.1	50	0.9	306	50.000	GSS05-2M □□□080C42	802
	28	2.3	34	2.1	50	1.8	303	50.000	GSS06-2M □□□080C42	802
	26	1.1	31	1.0	46	0.9	338	54.250	GSS05-2M □□□080C42	802
	26	2.2	31	2.0	46	1.8	331	54.250	GSS06-2M □□□080C42	802
	23	1.0	28	1.0	41	0.8	375	61.250	GSS05-2M □□□080C42	802
	23	1.9	28	1.9	41	1.6	370	61.250	GSS06-2M □□□080C42	802
	20	0.8	24	0.8			440	70.611	GSS05-2M □□□080C42	802
	20	1.7	24	1.7	35	1.5	428	70.611	GSS06-2M □□□080C42	802
	20	2.8	24	2.8	35	2.7	434	70.611	GSS07-2M □□□080C42	802
	17	1.5	21	1.5	31	1.4	478	79.722	GSS06-2M □□□080C42	802
	17	2.5	21	2.5	31	2.5	487	79.722	GSS07-2M □□□080C42	802



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				
	16	1.4	19	1.3	29	1.3	528	87.833	GSS06-2M □□□080C42	802
	16	2.3	20	2.3	29	2.3	531	86.542	GSS07-2M □□□080C42	802
	14	1.2	17	1.2	25	1.2	589	99.167	GSS06-2M □□□080C42	802
	14	2.1	17	2.1	26	2.0	594	97.708	GSS07-2M □□□080C42	802
	12	1.1	15	1.1	22	1.0	676	113.667	GSS06-2M □□□080C42	802
	12	1.8	15	1.8	22	1.8	694	113.667	GSS07-2M □□□080C42	802
	11	1.0	13	1.0	20	1.0	716	126.531	GSS06-3M □□□080C42	810
	11	1.0	13	1.0	20	0.9	753	128.333	GSS06-2M □□□080C42	802
	11	1.6	13	1.6	20	1.6	774	128.333	GSS07-2M □□□080C42	802
	11	1.7	13	1.7	20	1.7	736	126.531	GSS07-3M □□□080C42	810
	10	0.9	12	0.9	18	0.9	814	137.950	GSS06-2M □□□080C42	802
	10	1.5	12	1.5	18	1.5	840	137.950	GSS07-2M □□□080C42	802
	9.7	0.9	12	0.9	18	0.9	793	142.857	GSS06-3M □□□080C42	810
	9.7	1.5	12	1.5	18	1.5	820	142.857	GSS07-3M □□□080C42	810
	9	0.8	11	0.8	16	0.8	866	155.000	GSS06-3M □□□080C42	810
	9	1.4	11	1.4	16	1.4	899	155.000	GSS07-3M □□□080C42	810
	8.9	1.3	11	1.3	16	1.3	934	155.750	GSS07-2M □□□080C42	802
	8	1.2	9.7	1.2	14	1.2	1051	174.375	GSS07-2M □□□080C42	802
	7.9	1.3	9.7	1.2	14	1.2	996	175.000	GSS07-3M □□□080C42	810
	7.1	1.1	8.6	1.1	13	1.0	1171	196.875	GSS07-2M □□□080C42	802
	6.9	1.1	8.4	1.1	12	1.1	1150	201.746	GSS07-3M □□□080C42	810
	6.1	1.0	7.4	1.0	11	1.0	1280	227.778	GSS07-3M □□□080C42	810
	5.6	0.9	6.8	0.9	10	0.9	1398	247.139	GSS07-3M □□□080C42	810
	5	0.8					1554	279.028	GSS07-3M □□□080C42	810

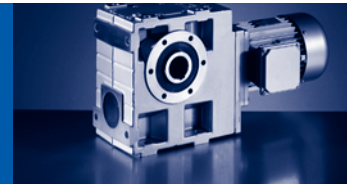


GSS

GSS [Nm] - MD□MA (IE1)

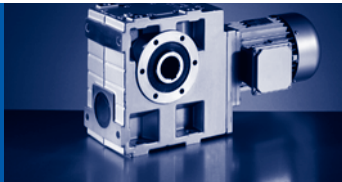
50 Hz: P_N=1.5 kW
60 Hz: P_N=1.8 kW

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						
	481	2.8	587	2.1			26	5.639	GSS04-2M □□□090C11	802
	350	3.0	428	2.4			36	7.733	GSS04-2M □□□090C11	802
	300	2.8	366	2.5			42	9.042	GSS04-2M □□□090C11	802
	274	3.0	335	2.5			46	9.897	GSS04-2M □□□090C11	802
	250	2.8	306	2.4			51	10.827	GSS04-2M □□□090C11	802
	219	2.3	267	2.2			57	12.400	GSS04-2M □□□090C11	802
	196	2.4	240	2.3			65	13.810	GSS04-2M □□□090C11	802
	171	2.0	209	1.9			74	15.869	GSS04-2M □□□090C11	802
	171	3.2	209	3.0			72	15.869	GSS05-2M □□□090C11	802
	156	1.9	191	1.7			80	17.360	GSS04-2M □□□090C11	802
	156	3.0	191	2.8			79	17.360	GSS05-2M □□□090C11	802
	133	1.4	162	1.3			86	20.417	GSS04-2M □□□090C11	802
	133	2.1	162	1.7			84	20.417	GSS05-2M □□□090C11	802
	122	1.6	150	1.5			103	22.143	GSS04-2M □□□090C11	802
	122	2.6	150	2.4			102	22.143	GSS05-2M □□□090C11	802
	109	1.2	134	1.2			107	24.800	GSS04-2M □□□090C11	802
	109	2.0	134	1.9			105	24.800	GSS05-2M □□□090C11	802
	100	1.4	122	1.3			125	27.125	GSS04-2M □□□090C11	802
	100	2.2	122	2.1			126	27.125	GSS05-2M □□□090C11	802
	85	1.1	104	1.0			137	31.738	GSS04-2M □□□090C11	802
	85	1.7	104	1.6			136	31.738	GSS05-2M □□□090C11	802
	85	3.0	104	2.6			138	31.738	GSS06-2M □□□090C11	802
	77	1.9	94	1.8			164	35.306	GSS05-2M □□□090C11	802
	69	0.9	84	0.9			166	39.200	GSS04-2M □□□090C11	802
	69	1.5	84	1.4			166	39.200	GSS05-2M □□□090C11	802
	69	2.8	84	2.4			168	39.200	GSS06-2M □□□090C11	802
	62	1.6	75	1.5			205	43.917	GSS05-2M □□□090C11	802
	62	3.2	75	3.0			201	43.917	GSS06-2M □□□090C11	802
	54	1.3	66	1.2			213	50.000	GSS05-2M □□□090C11	802
	54	2.5	66	2.3			215	50.000	GSS06-2M □□□090C11	802
	50	1.2	61	1.1			236	54.250	GSS05-2M □□□090C11	802
	50	2.4	61	2.3			235	54.250	GSS06-2M □□□090C11	802
	44	1.1	54	1.1			261	61.250	GSS05-2M □□□090C11	802
	44	2.2	54	2.0			263	61.250	GSS06-2M □□□090C11	802
	38	1.0	47	1.0			308	70.611	GSS05-2M □□□090C11	802
	38	2.0	47	1.9			305	70.611	GSS06-2M □□□090C11	802
	34	1.0	42	0.9			341	79.722	GSS05-2M □□□090C11	802
	34	1.9	42	1.7			341	79.722	GSS06-2M □□□090C11	802
	31	0.9	38	0.8			383	87.833	GSS05-2M □□□090C11	802
	31	1.8	38	1.7			379	87.833	GSS06-2M □□□090C11	802
	31	3.2	38	3.0			376	86.542	GSS07-2M □□□090C11	802



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						
	28	2.9	34	2.7			422	97.708	GSS07-2M □□□090C11	802
	27	0.8					425	99.167	GSS05-2M □□□090C11	802
	27	1.6	33	1.5			423	99.167	GSS06-2M □□□090C11	802
	24	1.5	29	1.4			488	113.667	GSS06-2M □□□090C11	802
	24	2.5	29	2.5			494	113.667	GSS07-2M □□□090C11	802
	21	1.3	26	1.3			545	128.333	GSS06-2M □□□090C11	802
	21	1.4	26	1.3			517	126.531	GSS06-3M □□□090C11	810
	21	2.2	26	2.2			554	128.333	GSS07-2M □□□090C11	802
	21	2.3	26	2.3			525	126.531	GSS07-3M □□□090C11	810
	20	1.2	24	1.2			588	137.950	GSS06-2M □□□090C11	802
	20	2.1	24	2.1			599	137.950	GSS07-2M □□□090C11	802
	19	1.3	23	1.2			576	142.857	GSS06-3M □□□090C11	810
	19	2.1	23	2.1			589	142.857	GSS07-3M □□□090C11	810
	18	1.1	21	1.1			629	155.000	GSS06-3M □□□090C11	810
	18	1.9	21	1.9			641	155.000	GSS07-3M □□□090C11	810
	17	1.1	21	1.1			657	155.750	GSS06-2M □□□090C11	802
	17	1.8	21	1.8			671	155.750	GSS07-2M □□□090C11	802
	16	1.0	19	1.0			700	175.000	GSS06-3M □□□090C11	810
	16	1.7	19	1.6			754	174.375	GSS07-2M □□□090C11	802
	16	1.7	19	1.7			718	175.000	GSS07-3M □□□090C11	810
	14	1.5	17	1.5			843	196.875	GSS07-2M □□□090C11	802
	13	1.5	16	1.5			830	201.746	GSS07-3M □□□090C11	810
	12	1.3	15	1.3			927	227.778	GSS07-3M □□□090C11	810
	11	1.2	13	1.2			1013	247.139	GSS07-3M □□□090C11	810
	9.7	1.1	12	1.1			1127	279.028	GSS07-3M □□□090C11	810
	8.4	1.0	10	1.0			1311	321.673	GSS07-3M □□□090C11	810
	7.5	0.9	9.1	0.9			1451	363.179	GSS07-3M □□□090C11	810



GSS

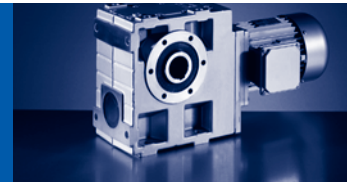
GSS [Nm] - MD□MA (IE1)

50 Hz: P_N=1.5 kW

60 Hz: P_N=1.8 kW

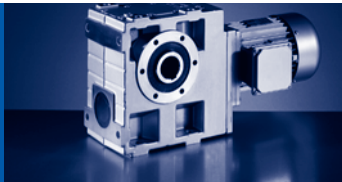
87 Hz: P_N=2.7 kW

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				
	247	2.8	301	2.5	444	1.7	51	5.639	GSS04-2M □□□090C32	802
	180	2.2	219	2.2	324	1.7	71	7.733	GSS04-2M □□□090C32	802
	154	1.9	188	1.8	277	1.6	81	9.042	GSS04-2M □□□090C32	802
	154	3.1	188	2.9	277	2.3	80	9.042	GSS05-2M □□□090C32	802
	141	1.7	171	1.7	253	1.6	92	9.897	GSS04-2M □□□090C32	802
	141	2.9	171	2.9	253	2.4	91	9.897	GSS05-2M □□□090C32	802
	129	1.6	157	1.6	231	1.5	101	10.827	GSS04-2M □□□090C32	802
	129	2.7	157	2.7	231	2.4	100	10.827	GSS05-2M □□□090C32	802
	113	1.5	137	1.4	202	1.3	111	12.400	GSS04-2M □□□090C32	802
	113	2.5	137	2.3	202	2.0	111	12.400	GSS05-2M □□□090C32	802
	101	1.3	123	1.3	181	1.3	129	13.810	GSS04-2M □□□090C32	802
	101	2.1	123	2.1	181	2.1	129	13.810	GSS05-2M □□□090C32	802
	88	1.3	107	1.2	158	1.1	142	15.869	GSS04-2M □□□090C32	802
	88	2.1	107	2.0	158	1.7	143	15.869	GSS05-2M □□□090C32	802
	80	1.2	98	1.1	144	1.0	156	17.360	GSS04-2M □□□090C32	802
	80	2.0	98	1.9	144	1.6	157	17.360	GSS05-2M □□□090C32	802
	68	0.9	83	0.9			167	20.417	GSS04-2M □□□090C32	802
	68	1.5	83	1.4	123	1.2	168	20.417	GSS05-2M □□□090C32	802
	63	0.9	77	0.9	113	0.9	198	22.143	GSS04-2M □□□090C32	802
	63	1.7	77	1.6	113	1.4	200	22.143	GSS05-2M □□□090C32	802
	56	0.8					207	24.800	GSS04-2M □□□090C32	802
	56	1.3	68	1.3	101	1.1	209	24.800	GSS05-2M □□□090C32	802
	51	1.5	63	1.4	92	1.2	246	27.125	GSS05-2M □□□090C32	802
	51	2.9	63	2.7	92	2.4	241	27.125	GSS06-2M □□□090C32	802
	44	1.1	53	1.1	79	0.9	268	31.738	GSS05-2M □□□090C32	802
	44	2.3	53	2.1	79	1.7	266	31.738	GSS06-2M □□□090C32	802
	40	1.1	48	1.1	71	1.0	321	35.306	GSS05-2M □□□090C32	802
	40	2.3	48	2.3	71	2.0	315	35.306	GSS06-2M □□□090C32	802
	36	1.0	43	0.9	64	0.8	326	39.200	GSS05-2M □□□090C32	802
	36	1.9	43	1.8	64	1.6	326	39.200	GSS06-2M □□□090C32	802
	32	0.9	39	0.9	57	0.9	400	43.917	GSS05-2M □□□090C32	802
	32	1.8	39	1.8	57	1.7	391	43.917	GSS06-2M □□□090C32	802
	32	2.8	39	2.8	58	2.8	386	43.271	GSS07-2M □□□090C32	802
	28	0.9					417	50.000	GSS05-2M □□□090C32	802
	28	1.7	34	1.6	50	1.4	414	50.000	GSS06-2M □□□090C32	802
	28	2.9	34	2.8	50	2.3	419	50.000	GSS07-2M □□□090C32	802
	26	1.6	31	1.5	46	1.3	452	54.250	GSS06-2M □□□090C32	802
	23	1.4	28	1.4	41	1.2	506	61.250	GSS06-2M □□□090C32	802
	20	1.2	24	1.2	36	1.1	584	70.611	GSS06-2M □□□090C32	802
	20	2.1	24	2.1	36	2.0	595	70.611	GSS07-2M □□□090C32	802
	18	1.1	21	1.1	31	1.0	652	79.722	GSS06-2M □□□090C32	802



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				
	18	1.9	21	1.8	31	1.8	667	79.722	GSS07-2M □□□090C32	802
	16	1.0	19	1.0	29	1.0	721	87.833	GSS06-2M □□□090C32	802
	16	1.7	20	1.7	29	1.7	726	86.542	GSS07-2M □□□090C32	802
	14	0.9	17	0.9	25	0.9	803	99.167	GSS06-2M □□□090C32	802
	14	1.5	17	1.5	26	1.5	813	97.708	GSS07-2M □□□090C32	802
	12	1.3	15	1.3	22	1.3	949	113.667	GSS07-2M □□□090C32	802
	11	1.2	13	1.2	20	1.2	1006	126.531	GSS07-3M □□□090C32	810
	11	1.2	13	1.2	20	1.2	1058	128.333	GSS07-2M □□□090C32	802
	10	1.1	12	1.1	18	1.1	1147	137.950	GSS07-2M □□□090C32	802
	9.8	1.1	12	1.1	18	1.1	1119	142.857	GSS07-3M □□□090C32	810
	9	1.0	11	1.0	16	1.0	1227	155.000	GSS07-3M □□□090C32	810
	9	1.0	11	1.0	16	1.0	1274	155.750	GSS07-2M □□□090C32	802
	8	0.9	9.7	0.9	14	0.9	1360	175.000	GSS07-3M □□□090C32	810
	8	0.9	9.7	0.9	14	0.9	1433	174.375	GSS07-2M □□□090C32	802

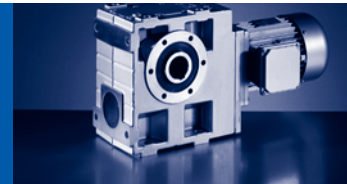


GSS

GSS [Nm] - MD□MA (IE1)

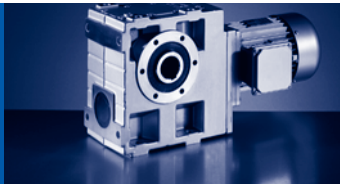
50 Hz: P_N=2.2 kW
60 Hz: P_N=2.6 kW

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						
	484	1.9	591	1.4			38	5.639	GSS04-2M □□□090C31	802
	353	2.0	431	1.6			53	7.733	GSS04-2M □□□090C31	802
	353	3.2	431	2.8			53	7.733	GSS05-2M □□□090C31	802
	302	1.9	368	1.7			61	9.042	GSS04-2M □□□090C31	802
	302	2.7	368	2.1			60	9.042	GSS05-2M □□□090C31	802
	276	2.1	337	1.7			68	9.897	GSS04-2M □□□090C31	802
	276	2.9	337	2.6			68	9.897	GSS05-2M □□□090C31	802
	252	2.0	308	1.7			75	10.827	GSS04-2M □□□090C31	802
	252	2.9	308	2.5			74	10.827	GSS05-2M □□□090C31	802
	220	1.6	269	1.5			84	12.400	GSS04-2M □□□090C31	802
	220	2.6	269	2.2			83	12.400	GSS05-2M □□□090C31	802
	198	1.7	241	1.6			96	13.810	GSS04-2M □□□090C31	802
	198	2.7	241	2.3			95	13.810	GSS05-2M □□□090C31	802
	172	1.4	210	1.3			108	15.869	GSS04-2M □□□090C31	802
	172	2.2	210	2.1			107	15.869	GSS05-2M □□□090C31	802
	157	1.3	192	1.2			118	17.360	GSS04-2M □□□090C31	802
	157	2.1	192	1.9			117	17.360	GSS05-2M □□□090C31	802
	134	0.9	163	0.9			126	20.417	GSS04-2M □□□090C31	802
	134	1.4	163	1.2			123	20.417	GSS05-2M □□□090C31	802
	123	1.1	150	1.0			150	22.143	GSS04-2M □□□090C31	802
	123	1.8	150	1.7			150	22.143	GSS05-2M □□□090C31	802
	123	3.2	150	2.8			149	22.143	GSS06-2M □□□090C31	802
	110	0.9					157	24.800	GSS04-2M □□□090C31	802
	110	1.4	134	1.3			155	24.800	GSS05-2M □□□090C31	802
	101	1.0	123	0.9			184	27.125	GSS04-2M □□□090C31	802
	101	1.5	123	1.4			184	27.125	GSS05-2M □□□090C31	802
	101	3.0	123	2.6			183	27.125	GSS06-2M □□□090C31	802
	86	1.2	105	1.1			200	31.738	GSS05-2M □□□090C31	802
	86	2.0	105	1.8			203	31.738	GSS06-2M □□□090C31	802
	77	1.3	94	1.2			240	35.306	GSS05-2M □□□090C31	802
	77	2.6	94	2.4			238	35.306	GSS06-2M □□□090C31	802
	70	1.0	85	1.0			243	39.200	GSS05-2M □□□090C31	802
	70	1.9	85	1.7			248	39.200	GSS06-2M □□□090C31	802
	62	1.1	76	1.0			300	43.917	GSS05-2M □□□090C31	802
	62	2.2	76	2.1			296	43.917	GSS06-2M □□□090C31	802
	55	0.9	67	0.8			311	50.000	GSS05-2M □□□090C31	802
	55	1.7	67	1.6			315	50.000	GSS06-2M □□□090C31	802
	55	2.7	67	2.4			318	50.000	GSS07-2M □□□090C31	802
	50	0.8					345	54.250	GSS05-2M □□□090C31	802
	50	1.7	61	1.6			345	54.250	GSS06-2M □□□090C31	802
	45	1.5	54	1.4			386	61.250	GSS06-2M □□□090C31	802



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						
	39	1.4	47	1.3			447	70.611	GSS06-2M □□□090C31	802
	39	2.5	47	2.2			452	70.611	GSS07-2M □□□090C31	802
	34	1.3	42	1.2			500	79.722	GSS06-2M □□□090C31	802
	34	2.3	42	2.1			507	79.722	GSS07-2M □□□090C31	802
	32	2.2	39	2.1			554	86.542	GSS07-2M □□□090C31	802
	31	1.2	38	1.1			555	87.833	GSS06-2M □□□090C31	802
	28	1.1	34	1.0			620	99.167	GSS06-2M □□□090C31	802
	28	2.0	34	1.9			621	97.708	GSS07-2M □□□090C31	802
	24	1.0	29	1.0			714	113.667	GSS06-2M □□□090C31	802
	24	1.7	29	1.7			727	113.667	GSS07-2M □□□090C31	802
	22	1.0	26	0.9			757	126.531	GSS06-3M □□□090C31	810
	22	1.6	26	1.6			771	126.531	GSS07-3M □□□090C31	810
	21	0.9	26	0.9			797	128.333	GSS06-2M □□□090C31	802
	21	1.5	26	1.5			814	128.333	GSS07-2M □□□090C31	802
	20	0.8	24	0.8			861	137.950	GSS06-2M □□□090C31	802
	20	1.4	24	1.4			879	137.950	GSS07-2M □□□090C31	802
	19	0.9	23	0.8			843	142.857	GSS06-3M □□□090C31	810
	19	1.4	23	1.4			864	142.857	GSS07-3M □□□090C31	810
	18	1.3	21	1.3			984	155.750	GSS07-2M □□□090C31	802
	18	1.3	22	1.3			940	155.000	GSS07-3M □□□090C31	810
	16	1.1	19	1.1			1104	174.375	GSS07-2M □□□090C31	802
	16	1.2	19	1.2			1053	175.000	GSS07-3M □□□090C31	810
	14	1.0	17	1.0			1235	196.875	GSS07-2M □□□090C31	802
	14	1.0	17	1.0			1216	201.746	GSS07-3M □□□090C31	810
	12	0.9	15	0.9			1357	227.778	GSS07-3M □□□090C31	810
	11	0.9	14	0.8			1481	247.139	GSS07-3M □□□090C31	810



GSS

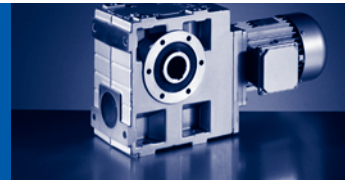
GSS [Nm] - MD□MA (IE1)

50 Hz: P_N=2.2 kW

60 Hz: P_N=2.6 kW

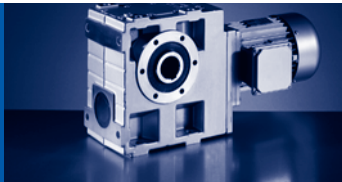
87 Hz: P_N=3.9 kW

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				
	255	3.0	309	2.6	452	2.0	73	5.639	GSS05-2M □□□100C12	802
	186	2.6	225	2.4	330	1.8	101	7.733	GSS05-2M □□□100C12	802
	159	2.2	192	2.0	282	1.6	115	9.042	GSS05-2M □□□100C12	802
	146	2.1	176	2.1	258	1.7	131	9.897	GSS05-2M □□□100C12	802
	133	1.9	161	1.9	236	1.7	143	10.827	GSS05-2M □□□100C12	802
	116	1.7	140	1.6	206	1.4	159	12.400	GSS05-2M □□□100C12	802
	116	3.2	140	2.8	206	2.2	158	12.400	GSS06-2M □□□100C12	802
	104	1.5	126	1.5	185	1.5	184	13.810	GSS05-2M □□□100C12	802
	101	2.8	122	2.8	179	2.6	189	14.286	GSS06-2M □□□100C12	802
	91	1.5	110	1.4	161	1.2	204	15.869	GSS05-2M □□□100C12	802
	91	2.9	110	2.6	161	2.0	203	15.869	GSS06-2M □□□100C12	802
	83	1.4	100	1.3	147	1.1	224	17.360	GSS05-2M □□□100C12	802
	83	2.8	100	2.6	147	2.0	222	17.360	GSS06-2M □□□100C12	802
	71	1.1	85	1.0	125	0.9	240	20.417	GSS05-2M □□□100C12	802
	71	2.0	85	1.7	125	1.3	244	20.417	GSS06-2M □□□100C12	802
	65	1.2	79	1.1	115	1.0	286	22.143	GSS05-2M □□□100C12	802
	65	2.4	79	2.2	115	1.8	282	22.143	GSS06-2M □□□100C12	802
	58	0.9	70	0.9			298	24.800	GSS05-2M □□□100C12	802
	58	1.9	70	1.7	103	1.3	298	24.800	GSS06-2M □□□100C12	802
	53	1.0	64	1.0	94	0.9	351	27.125	GSS05-2M □□□100C12	802
	53	2.1	64	1.9	94	1.7	346	27.125	GSS06-2M □□□100C12	802
	47	2.8	56	2.4	82	1.8	376	31.000	GSS07-2M □□□100C12	802
	45	0.8					383	31.738	GSS05-2M □□□100C12	802
	45	1.6	55	1.5	80	1.2	381	31.738	GSS06-2M □□□100C12	802
	41	1.6	49	1.6	72	1.4	450	35.306	GSS06-2M □□□100C12	802
	41	2.7	49	2.7	72	2.4	451	35.306	GSS07-2M □□□100C12	802
	37	1.4	44	1.3	65	1.1	466	39.200	GSS06-2M □□□100C12	802
	37	2.5	44	2.2	65	1.7	472	39.200	GSS07-2M □□□100C12	802
	33	1.3	40	1.3	58	1.2	558	43.917	GSS06-2M □□□100C12	802
	33	2.2	40	2.2	59	2.2	552	43.271	GSS07-2M □□□100C12	802
	29	1.2	35	1.1	51	1.0	592	50.000	GSS06-2M □□□100C12	802
	29	2.1	35	2.0	51	1.6	601	50.000	GSS07-2M □□□100C12	802
	27	1.1	32	1.1	47	0.9	646	54.250	GSS06-2M □□□100C12	802
	27	1.9	32	1.9	47	1.6	657	54.250	GSS07-2M □□□100C12	802
	24	1.0	28	1.0	42	0.8	722	61.250	GSS06-2M □□□100C12	802
	24	1.7	28	1.7	42	1.5	736	61.250	GSS07-2M □□□100C12	802
	20	0.9	25	0.9			834	70.611	GSS06-2M □□□100C12	802
	20	1.5	25	1.5	36	1.4	851	70.611	GSS07-2M □□□100C12	802
	18	1.3	22	1.3	32	1.3	954	79.722	GSS07-2M □□□100C12	802
	17	1.2	20	1.2	30	1.2	1038	86.542	GSS07-2M □□□100C12	802
	15	1.1	18	1.1	26	1.1	1161	97.708	GSS07-2M □□□100C12	802



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				
	13	0.9	15	0.9	22	0.9	1354	113.667	GSS07-2M □□□100C12	802
	11	0.8	14	0.8	20	0.8	1509	128.333	GSS07-2M □□□100C12	802
	11	0.9	14	0.9	20	0.9	1436	126.531	GSS07-3M □□□100C12	810

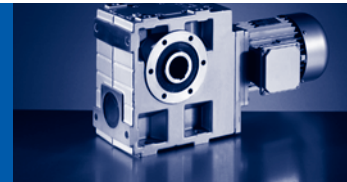


GSS

GSS [Nm] - MD□MA (IE1)

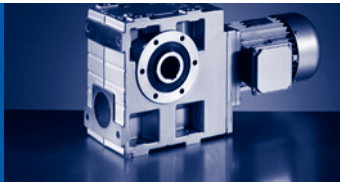
50 Hz: P_N=3.0 kW
60 Hz: P_N=3.6 kW

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						
	513	2.7	619	2.4			49	5.639	GSS05-2M □□□100C31	802
	374	2.5	451	2.2			68	7.733	GSS05-2M □□□100C31	802
	320	2.1	386	1.6			77	9.042	GSS05-2M □□□100C31	802
	320	3.2	386	2.8			79	9.042	GSS06-2M □□□100C31	802
	292	2.3	353	2.0			88	9.897	GSS05-2M □□□100C31	802
	267	2.2	322	2.0			96	10.827	GSS05-2M □□□100C31	802
	233	2.0	282	1.7			107	12.400	GSS05-2M □□□100C31	802
	233	2.9	282	2.5			108	12.400	GSS06-2M □□□100C31	802
	209	2.1	253	1.8			124	13.810	GSS05-2M □□□100C31	802
	182	1.7	220	1.6			138	15.869	GSS05-2M □□□100C31	802
	182	2.7	220	2.4			139	15.869	GSS06-2M □□□100C31	802
	167	1.6	201	1.5			151	17.360	GSS05-2M □□□100C31	802
	167	2.6	201	2.3			152	17.360	GSS06-2M □□□100C31	802
	142	1.1	171	0.9			159	20.417	GSS05-2M □□□100C31	802
	142	1.8	171	1.6			166	20.417	GSS06-2M □□□100C31	802
	131	1.4	158	1.3			194	22.143	GSS05-2M □□□100C31	802
	131	2.5	158	2.2			194	22.143	GSS06-2M □□□100C31	802
	117	1.1	141	1.0			200	24.800	GSS05-2M □□□100C31	802
	117	1.7	141	1.5			205	24.800	GSS06-2M □□□100C31	802
	107	1.2	129	1.1			238	27.125	GSS05-2M □□□100C31	802
	107	2.3	129	2.0			237	27.125	GSS06-2M □□□100C31	802
	93	2.4	113	2.2			258	31.000	GSS07-2M □□□100C31	802
	91	0.9	110	0.9			258	31.738	GSS05-2M □□□100C31	802
	91	1.6	110	1.4			262	31.738	GSS06-2M □□□100C31	802
	82	2.0	99	1.9			309	35.306	GSS06-2M □□□100C31	802
	82	3.3	99	2.8			308	35.306	GSS07-2M □□□100C31	802
	74	1.5	89	1.3			321	39.200	GSS06-2M □□□100C31	802
	74	2.3	89	2.0			324	39.200	GSS07-2M □□□100C31	802
	67	3.1	81	2.7			376	43.271	GSS07-2M □□□100C31	802
	66	1.7	80	1.6			383	43.917	GSS06-2M □□□100C31	802
	58	1.3	70	1.2			408	50.000	GSS06-2M □□□100C31	802
	58	2.1	70	1.9			413	50.000	GSS07-2M □□□100C31	802
	53	1.3	64	1.2			446	54.250	GSS06-2M □□□100C31	802
	53	2.1	64	1.8			451	54.250	GSS07-2M □□□100C31	802
	47	1.2	57	1.1			499	61.250	GSS06-2M □□□100C31	802
	47	2.0	57	1.8			505	61.250	GSS07-2M □□□100C31	802
	41	1.1	49	1.0			578	70.611	GSS06-2M □□□100C31	802
	41	2.0	49	1.7			587	70.611	GSS07-2M □□□100C31	802
	36	1.0	44	0.9			647	79.722	GSS06-2M □□□100C31	802
	36	1.8	44	1.6			657	79.722	GSS07-2M □□□100C31	802
	33	1.0	40	0.9			717	87.833	GSS06-2M □□□100C31	802



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						
	33	1.7	40	1.6			718	86.542	GSS07-2M □□□100C31	802
	30	1.6	36	1.5			804	97.708	GSS07-2M □□□100C31	802
	29	0.9	35	0.8			801	99.167	GSS06-2M □□□100C31	802
	25	1.3	31	1.3			940	113.667	GSS07-2M □□□100C31	802
	23	1.2	27	1.2			1053	128.333	GSS07-2M □□□100C31	802
	23	1.3	28	1.2			997	126.531	GSS07-3M □□□100C31	810
	21	1.1	25	1.1			1136	137.950	GSS07-2M □□□100C31	802
	20	1.1	24	1.1			1117	142.857	GSS07-3M □□□100C31	810
	19	1.0	22	1.0			1272	155.750	GSS07-2M □□□100C31	802
	19	1.0	23	1.0			1215	155.000	GSS07-3M □□□100C31	810
	17	0.9	20	0.9			1361	175.000	GSS07-3M □□□100C31	810



GSS

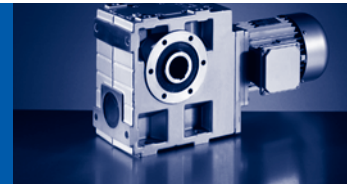
GSS [Nm] - MD□MA (IE1)

50 Hz: P_N=3.0 kW

60 Hz: P_N=3.6 kW

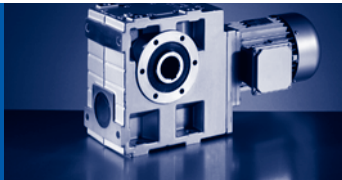
87 Hz: P_N=5.4 kW

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				
	254	2.2	307	1.9	450	1.5	102	5.639	GSS05-2M □□□100C32	802
	185	1.9	224	1.7	328	1.3	140	7.733	GSS05-2M □□□100C32	802
	158	1.6	191	1.5	281	1.2	159	9.042	GSS05-2M □□□100C32	802
	158	2.6	191	2.3	281	1.7	160	9.042	GSS06-2M □□□100C32	802
	145	1.5	175	1.5	257	1.2	181	9.897	GSS05-2M □□□100C32	802
	140	2.8	169	2.7	248	1.9	185	10.238	GSS06-2M □□□100C32	802
	132	1.4	160	1.4	235	1.2	198	10.827	GSS05-2M □□□100C32	802
	128	2.5	155	2.5	227	1.8	203	11.200	GSS06-2M □□□100C32	802
	115	1.3	140	1.2	205	1.0	220	12.400	GSS05-2M □□□100C32	802
	115	2.4	140	2.1	205	1.6	219	12.400	GSS06-2M □□□100C32	802
	104	1.1	125	1.1	184	1.1	254	13.810	GSS05-2M □□□100C32	802
	100	2.0	121	2.0	178	1.9	261	14.286	GSS06-2M □□□100C32	802
	90	1.1	109	1.0	160	0.9	282	15.869	GSS05-2M □□□100C32	802
	90	2.1	109	1.9	160	1.5	281	15.869	GSS06-2M □□□100C32	802
	82	1.0	100	1.0	146	0.8	309	17.360	GSS05-2M □□□100C32	802
	82	2.0	100	1.9	146	1.4	307	17.360	GSS06-2M □□□100C32	802
	82	3.2	100	2.8	146	2.1	306	17.360	GSS07-2M □□□100C32	802
	70	1.4	85	1.3	124	1.0	337	20.417	GSS06-2M □□□100C32	802
	65	0.9	78	0.8			395	22.143	GSS05-2M □□□100C32	802
	65	1.7	78	1.6	115	1.3	391	22.143	GSS06-2M □□□100C32	802
	65	3.0	78	2.7	115	2.0	389	22.143	GSS07-2M □□□100C32	802
	58	1.4	70	1.2	102	0.9	412	24.800	GSS06-2M □□□100C32	802
	53	1.5	64	1.4	94	1.2	478	27.125	GSS06-2M □□□100C32	802
	53	2.6	64	2.5	94	1.9	478	27.125	GSS07-2M □□□100C32	802
	46	2.0	56	1.8	82	1.3	521	31.000	GSS07-2M □□□100C32	802
	45	1.2	55	1.1	80	0.9	525	31.738	GSS06-2M □□□100C32	802
	41	1.2	49	1.2	72	1.0	621	35.306	GSS06-2M □□□100C32	802
	41	2.0	49	2.0	72	1.8	624	35.306	GSS07-2M □□□100C32	802
	37	1.0	44	0.9	65	0.8	643	39.200	GSS06-2M □□□100C32	802
	37	1.8	44	1.6	65	1.2	653	39.200	GSS07-2M □□□100C32	802
	33	0.9	39	0.9	58	0.9	770	43.917	GSS06-2M □□□100C32	802
	33	1.6	40	1.6	59	1.6	764	43.271	GSS07-2M □□□100C32	802
	29	0.9					817	50.000	GSS06-2M □□□100C32	802
	29	1.5	35	1.4	51	1.2	831	50.000	GSS07-2M □□□100C32	802
	26	0.8					891	54.250	GSS06-2M □□□100C32	802
	26	1.4	32	1.4	47	1.2	908	54.250	GSS07-2M □□□100C32	802
	23	1.2	28	1.2	42	1.1	1016	61.250	GSS07-2M □□□100C32	802
	20	1.1	25	1.1	36	1.0	1175	70.611	GSS07-2M □□□100C32	802
	18	1.0	22	0.9	32	0.9	1315	79.722	GSS07-2M □□□100C32	802
	17	0.9	20	0.9	29	0.9	1432	86.542	GSS07-2M □□□100C32	802



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						
	504	2.0	610	1.8			68	5.639	GSS05-2M □□□100C41	802
	487	2.7	590	2.1			70	5.833	GSS06-2M □□□100C41	802
	367	1.8	445	1.6			93	7.733	GSS05-2M □□□100C41	802
	355	2.7	430	2.3			96	8.000	GSS06-2M □□□100C41	802
	314	1.5	381	1.2			105	9.042	GSS05-2M □□□100C41	802
	314	2.3	381	2.0			108	9.042	GSS06-2M □□□100C41	802
	287	1.7	348	1.5			120	9.897	GSS05-2M □□□100C41	802
	277	2.6	336	2.2			124	10.238	GSS06-2M □□□100C41	802
	262	1.6	318	1.4			132	10.827	GSS05-2M □□□100C41	802
	254	2.5	307	2.2			136	11.200	GSS06-2M □□□100C41	802
	229	1.5	277	1.3			146	12.400	GSS05-2M □□□100C41	802
	229	2.1	277	1.9			148	12.400	GSS06-2M □□□100C41	802
	206	1.5	249	1.3			169	13.810	GSS05-2M □□□100C41	802
	199	2.6	241	2.0			174	14.286	GSS06-2M □□□100C41	802
	183	3.0	222	2.6			185	15.500	GSS07-2M □□□100C41	802
	179	1.3	217	1.2			188	15.869	GSS05-2M □□□100C41	802
	179	2.0	217	1.7			190	15.869	GSS06-2M □□□100C41	802
	164	1.2	198	1.1			206	17.360	GSS05-2M □□□100C41	802
	164	1.9	198	1.7			208	17.360	GSS06-2M □□□100C41	802
	164	2.9	198	2.5			207	17.360	GSS07-2M □□□100C41	802
	139	0.8					216	20.417	GSS05-2M □□□100C41	802
	139	1.3	169	1.2			227	20.417	GSS06-2M □□□100C41	802
	128	1.0	155	0.9			264	22.143	GSS05-2M □□□100C41	802
	128	1.8	155	1.6			265	22.143	GSS06-2M □□□100C41	802
	128	2.7	155	2.4			264	22.143	GSS07-2M □□□100C41	802
	115	1.3	139	1.1			280	24.800	GSS06-2M □□□100C41	802
	105	0.9	127	0.8			324	27.125	GSS05-2M □□□100C41	802
	105	1.7	127	1.5			324	27.125	GSS06-2M □□□100C41	802
	105	2.6	127	2.2			324	27.125	GSS07-2M □□□100C41	802
	92	1.8	111	1.6			352	31.000	GSS07-2M □□□100C41	802
	90	1.2	108	1.0			358	31.738	GSS06-2M □□□100C41	802
	80	1.5	97	1.4			421	35.306	GSS06-2M □□□100C41	802
	80	2.4	97	2.1			421	35.306	GSS07-2M □□□100C41	802
	72	1.1	88	1.0			437	39.200	GSS06-2M □□□100C41	802
	72	1.7	88	1.5			442	39.200	GSS07-2M □□□100C41	802
	66	2.3	80	2.0			515	43.271	GSS07-2M □□□100C41	802
	65	1.3	78	1.2			523	43.917	GSS06-2M □□□100C41	802
	57	1.0	69	0.9			556	50.000	GSS06-2M □□□100C41	802
	57	1.6	69	1.4			563	50.000	GSS07-2M □□□100C41	802
	52	1.0	63	0.9			607	54.250	GSS06-2M □□□100C41	802
	52	1.6	63	1.4			616	54.250	GSS07-2M □□□100C41	802



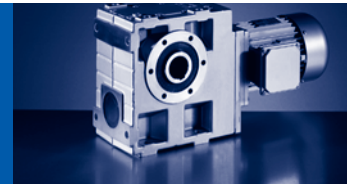
GSS

GSS [Nm] - MD□MA (IE1)

50 Hz: $P_N=4.0$ kW

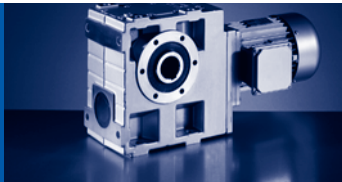
60 Hz: $P_N=4.8$ kW

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						
	46	0.9	56	0.8			680	61.250	GSS06-2M □□□100C41	802
	46	1.5	56	1.3			689	61.250	GSS07-2M □□□100C41	802
	40	0.8					787	70.611	GSS06-2M □□□100C41	802
	40	1.4	49	1.3			801	70.611	GSS07-2M □□□100C41	802
	36	1.3	43	1.2			896	79.722	GSS07-2M □□□100C41	802
	33	1.3	40	1.2			980	86.542	GSS07-2M □□□100C41	802
	29	1.1	35	1.1			1096	97.708	GSS07-2M □□□100C41	802
	25	1.0	30	1.0			1281	113.667	GSS07-2M □□□100C41	802
	22	0.9	27	0.9			1434	128.333	GSS07-2M □□□100C41	802
	22	0.9	27	0.9			1358	126.531	GSS07-3M □□□100C41	810
	21	0.8	25	0.8			1547	137.950	GSS07-2M □□□100C41	802
	20	0.8	24	0.8			1521	142.857	GSS07-3M □□□100C41	810



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				
	249	2.5	300	2.2	439	1.6	139	5.833	GSS06-2M □□□112C22	802
	181	2.5	219	2.0	320	1.6	191	8.000	GSS06-2M □□□112C22	802
	160	2.0	194	1.7	283	1.3	212	9.042	GSS06-2M □□□112C22	802
	160	2.9	193	2.5	282	2.0	212	9.086	GSS07-2M □□□112C22	802
	142	2.1	171	2.1	250	1.4	246	10.238	GSS06-2M □□□112C22	802
	130	1.9	156	1.9	229	1.4	269	11.200	GSS06-2M □□□112C22	802
	130	3.2	156	2.8	229	2.1	268	11.200	GSS07-2M □□□112C22	802
	117	1.8	141	1.6	207	1.2	290	12.400	GSS06-2M □□□112C22	802
	115	2.7	139	2.3	203	1.8	294	12.594	GSS07-2M □□□112C22	802
	102	1.5	123	1.5	179	1.4	345	14.286	GSS06-2M □□□112C22	802
	102	2.6	123	2.6	179	2.0	344	14.286	GSS07-2M □□□112C22	802
	94	2.5	113	2.2	165	1.7	362	15.500	GSS07-2M □□□112C22	802
	91	1.6	110	1.5	161	1.1	371	15.869	GSS06-2M □□□112C22	802
	84	1.5	101	1.4	148	1.1	406	17.360	GSS06-2M □□□112C22	802
	84	2.5	101	2.1	148	1.6	406	17.360	GSS07-2M □□□112C22	802
	71	1.1	86	1.0			446	20.417	GSS06-2M □□□112C22	802
	71	1.7	85	1.5	125	1.2	453	20.517	GSS07-2M □□□112C22	802
	66	1.3	79	1.2	116	1.0	516	22.143	GSS06-2M □□□112C22	802
	66	2.3	79	2.0	116	1.5	516	22.143	GSS07-2M □□□112C22	802
	59	1.0	71	0.9			544	24.800	GSS06-2M □□□112C22	802
	58	1.6	70	1.4	102	1.1	560	25.188	GSS07-2M □□□112C22	802
	54	1.1	65	1.1	94	0.9	631	27.125	GSS06-2M □□□112C22	802
	54	2.0	65	1.9	94	1.4	633	27.125	GSS07-2M □□□112C22	802
	47	1.5	57	1.3	83	1.0	689	31.000	GSS07-2M □□□112C22	802
	46	0.9	55	0.8			693	31.738	GSS06-2M □□□112C22	802
	41	1.5	50	1.5	73	1.4	825	35.306	GSS07-2M □□□112C22	802
	37	1.4	45	1.2	65	0.9	863	39.200	GSS07-2M □□□112C22	802
	34	1.2	40	1.2	59	1.2	1009	43.271	GSS07-2M □□□112C22	802
	29	1.1	35	1.1	51	0.9	1098	50.000	GSS07-2M □□□112C22	802
	27	1.0	32	1.0	47	0.9	1198	54.250	GSS07-2M □□□112C22	802
	24	0.9	29	0.9	42	0.8	1341	61.250	GSS07-2M □□□112C22	802
	21	0.8	25	0.8			1549	70.611	GSS07-2M □□□112C22	802

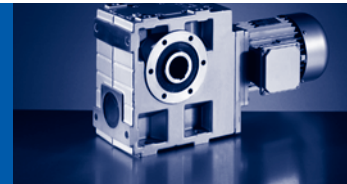


GSS

GSS [Nm] - MD□MA (IE1)

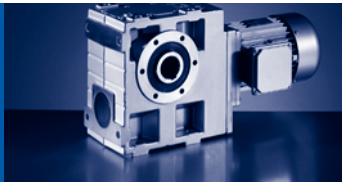
50 Hz: P_N=5.5 kW
60 Hz: P_N=6.6 kW

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						
	497	2.0	600	1.5			95	5.833	GSS06-2M □□□112C31	802
	363	2.0	438	1.7			131	8.000	GSS06-2M □□□112C31	802
	357	3.0	431	2.7			133	8.125	GSS07-2M □□□112C31	802
	321	1.7	387	1.5			146	9.042	GSS06-2M □□□112C31	802
	319	2.8	385	2.5			146	9.086	GSS07-2M □□□112C31	802
	290	2.9	350	2.5			164	10.000	GSS07-2M □□□112C31	802
	283	1.9	342	1.7			168	10.238	GSS06-2M □□□112C31	802
	259	1.9	313	1.6			184	11.200	GSS06-2M □□□112C31	802
	259	2.8	313	2.4			184	11.200	GSS07-2M □□□112C31	802
	234	1.6	282	1.4			201	12.400	GSS06-2M □□□112C31	802
	230	2.4	278	2.2			203	12.594	GSS07-2M □□□112C31	802
	203	1.9	245	1.5			235	14.286	GSS06-2M □□□112C31	802
	203	2.6	245	2.3			236	14.286	GSS07-2M □□□112C31	802
	187	2.2	226	2.0			251	15.500	GSS07-2M □□□112C31	802
	183	1.5	221	1.3			257	15.869	GSS06-2M □□□112C31	802
	167	1.4	202	1.3			281	17.360	GSS06-2M □□□112C31	802
	167	2.1	202	1.9			281	17.360	GSS07-2M □□□112C31	802
	142	1.0	171	0.9			307	20.417	GSS06-2M □□□112C31	802
	141	1.6	171	1.5			312	20.517	GSS07-2M □□□112C31	802
	131	1.3	158	1.2			358	22.143	GSS06-2M □□□112C31	802
	131	2.0	158	1.8			358	22.143	GSS07-2M □□□112C31	802
	117	0.9	141	0.8			378	24.800	GSS06-2M □□□112C31	802
	115	1.4	139	1.3			387	25.188	GSS07-2M □□□112C31	802
	107	1.3	129	1.1			438	27.125	GSS06-2M □□□112C31	802
	107	1.9	129	1.7			439	27.125	GSS07-2M □□□112C31	802
	94	1.3	113	1.2			477	31.000	GSS07-2M □□□112C31	802
	91	0.9					483	31.738	GSS06-2M □□□112C31	802
	82	1.8	99	1.6			571	35.306	GSS07-2M □□□112C31	802
	74	0.8					591	39.200	GSS06-2M □□□112C31	802
	74	1.2	89	1.1			598	39.200	GSS07-2M □□□112C31	802
	67	1.7	81	1.5			698	43.271	GSS07-2M □□□112C31	802
	58	1.2	70	1.0			762	50.000	GSS07-2M □□□112C31	802
	54	1.2	65	1.0			833	54.250	GSS07-2M □□□112C31	802
	47	1.1	57	1.0			932	61.250	GSS07-2M □□□112C31	802
	41	1.1	50	0.9			1083	70.611	GSS07-2M □□□112C31	802
	36	1.0	44	0.9			1211	79.722	GSS07-2M □□□112C31	802
	34	0.9	40	0.9			1324	86.542	GSS07-2M □□□112C31	802
	30	0.9					1480	97.708	GSS07-2M □□□112C31	802



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				
	248	1.8	299	1.6	438	1.2	193	5.833	GSS06-2M □□□112C32	802
	247	2.7	298	2.4	436	1.8	194	5.862	GSS07-2M □□□112C32	802
	181	1.8	218	1.4	319	1.1	265	8.000	GSS06-2M □□□112C32	802
	178	2.5	215	2.2	315	1.7	270	8.125	GSS07-2M □□□112C32	802
	160	1.4	193	1.2	283	1.0	294	9.042	GSS06-2M □□□112C32	802
	159	2.1	192	1.8	281	1.5	295	9.086	GSS07-2M □□□112C32	802
	145	2.4	175	2.1	256	1.6	333	10.000	GSS07-2M □□□112C32	802
	141	1.5	170	1.5	250	1.0	341	10.238	GSS06-2M □□□112C32	802
	129	1.4	156	1.4	228	1.0	374	11.200	GSS06-2M □□□112C32	802
	129	2.3	156	2.0	228	1.5	373	11.200	GSS07-2M □□□112C32	802
	117	1.3	141	1.1	206	0.9	402	12.400	GSS06-2M □□□112C32	802
	115	1.9	139	1.7	203	1.3	409	12.594	GSS07-2M □□□112C32	802
	101	1.1	122	1.1	179	1.0	479	14.286	GSS06-2M □□□112C32	802
	101	1.9	122	1.9	179	1.4	478	14.286	GSS07-2M □□□112C32	802
	93	1.8	113	1.6	165	1.2	504	15.500	GSS07-2M □□□112C32	802
	91	1.2	110	1.1	161	0.8	514	15.869	GSS06-2M □□□112C32	802
	83	1.1	101	1.0			563	17.360	GSS06-2M □□□112C32	802
	83	1.8	101	1.6	147	1.2	564	17.360	GSS07-2M □□□112C32	802
	70	1.2	85	1.1	125	0.9	629	20.517	GSS07-2M □□□112C32	802
	65	0.9	79	0.9			715	22.143	GSS06-2M □□□112C32	802
	65	1.7	79	1.5	115	1.1	717	22.143	GSS07-2M □□□112C32	802
	57	1.2	69	1.0			777	25.188	GSS07-2M □□□112C32	802
	53	0.8					874	27.125	GSS06-2M □□□112C32	802
	53	1.4	64	1.4	94	1.1	879	27.125	GSS07-2M □□□112C32	802
	47	1.1	56	1.0			955	31.000	GSS07-2M □□□112C32	802
	41	1.1	49	1.1	72	1.0	1143	35.306	GSS07-2M □□□112C32	802
	37	1.0	45	0.9			1195	39.200	GSS07-2M □□□112C32	802
	33	0.9	40	0.9	59	0.9	1397	43.271	GSS07-2M □□□112C32	802
	29	0.8					1520	50.000	GSS07-2M □□□112C32	802

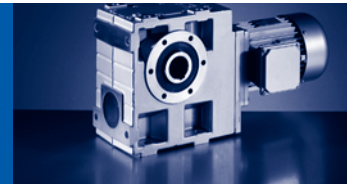


GSS

GSS [Nm] - MD□MA (IE1)

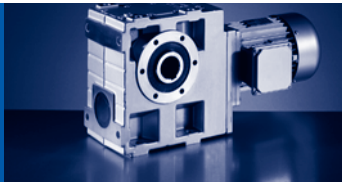
50 Hz: P_N=7.5 kW
60 Hz: P_N=9.0 kW

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						
	495	1.5	598	1.1			131	5.833	GSS06-2M □□□112C41	802
	493	2.4	595	2.1			132	5.862	GSS07-2M □□□112C41	802
	361	1.5	436	1.2			180	8.000	GSS06-2M □□□112C41	802
	356	2.2	430	1.9			184	8.125	GSS07-2M □□□112C41	802
	320	1.3	386	1.1			201	9.042	GSS06-2M □□□112C41	802
	318	2.0	384	1.8			201	9.086	GSS07-2M □□□112C41	802
	289	2.1	349	1.8			227	10.000	GSS07-2M □□□112C41	802
	282	1.4	341	1.2			231	10.238	GSS06-2M □□□112C41	802
	258	1.4	312	1.2			253	11.200	GSS06-2M □□□112C41	802
	258	2.0	312	1.8			254	11.200	GSS07-2M □□□112C41	802
	233	1.2	282	1.0			276	12.400	GSS06-2M □□□112C41	802
	230	1.7	277	1.6			280	12.594	GSS07-2M □□□112C41	802
	202	1.4	244	1.1			324	14.286	GSS06-2M □□□112C41	802
	202	1.9	244	1.7			325	14.286	GSS07-2M □□□112C41	802
	187	1.6	225	1.4			345	15.500	GSS07-2M □□□112C41	802
	182	1.1	220	0.9			353	15.869	GSS06-2M □□□112C41	802
	167	1.1	201	0.9			386	17.360	GSS06-2M □□□112C41	802
	167	1.6	201	1.4			387	17.360	GSS07-2M □□□112C41	802
	141	1.2	170	1.1			428	20.517	GSS07-2M □□□112C41	802
	131	1.0	158	0.9			492	22.143	GSS06-2M □□□112C41	802
	131	1.5	158	1.3			493	22.143	GSS07-2M □□□112C41	802
	115	1.1	139	1.0			532	25.188	GSS07-2M □□□112C41	802
	107	0.9	129	0.8			602	27.125	GSS06-2M □□□112C41	802
	107	1.4	129	1.2			604	27.125	GSS07-2M □□□112C41	802
	93	1.0	113	0.9			655	31.000	GSS07-2M □□□112C41	802
	82	1.3	99	1.1			786	35.306	GSS07-2M □□□112C41	802
	74	0.9					822	39.200	GSS07-2M □□□112C41	802
	67	1.2	81	1.1			960	43.271	GSS07-2M □□□112C41	802
	58	0.8					1047	50.000	GSS07-2M □□□112C41	802
	53	0.8					1144	54.250	GSS07-2M □□□112C41	802
	47	0.8					1280	61.250	GSS07-2M □□□112C41	802



50 Hz: $P_N=7.5$ kW
60 Hz: $P_N=9.0$ kW
87 Hz: $P_N=13.2$ 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	7.5 kW		9.0 kW		13.2 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	248	2.0	299	1.8	438	1.3	264	5.862	GSS07-2M □□□132C22	802
	179	1.9	216	1.6	316	1.2	368	8.125	GSS07-2M □□□132C22	802
	160	1.6	193	1.4	282	1.1	402	9.086	GSS07-2M □□□132C22	802
	146	1.7	176	1.5	257	1.2	454	10.000	GSS07-2M □□□132C22	802
	130	1.7	157	1.5	229	1.1	508	11.200	GSS07-2M □□□132C22	802
	116	1.4	139	1.3	204	0.9	557	12.594	GSS07-2M □□□132C22	802
	102	1.6	123	1.4	180	1.1	650	14.286	GSS07-2M □□□132C22	802
	94	1.4	113	1.2	166	0.9	686	15.500	GSS07-2M □□□132C22	802
	84	1.3	101	1.2	148	0.9	768	17.360	GSS07-2M □□□132C22	802
	71	0.9					854	20.517	GSS07-2M □□□132C22	802
	66	1.2	79	1.1	116	0.8	976	22.143	GSS07-2M □□□132C22	802
	58	0.9					1056	25.188	GSS07-2M □□□132C22	802
	54	1.1	65	1.0			1195	27.125	GSS07-2M □□□132C22	802
	47	0.8					1298	31.000	GSS07-2M □□□132C22	802

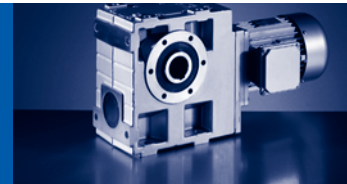


GSS

GSS [Nm] - MD□MA (IE1)

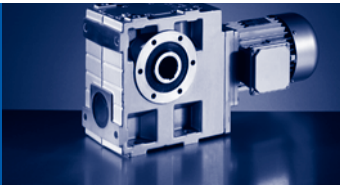
50 Hz: P_N=9.0 kW
60 Hz: P_N=11.0 kW

n _N	2890 r/min		3490 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	9.0 kW		11.0 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	493	2.0	595	1.8			159	5.862	GSS07-2M □□□132C21	802
	356	1.9	430	1.6			221	8.125	GSS07-2M □□□132C21	802
	318	1.7	384	1.5			242	9.086	GSS07-2M □□□132C21	802
	289	1.7	349	1.5			273	10.000	GSS07-2M □□□132C21	802
	258	1.7	312	1.5			306	11.200	GSS07-2M □□□132C21	802
	230	1.5	277	1.3			337	12.594	GSS07-2M □□□132C21	802
	202	1.6	244	1.4			392	14.286	GSS07-2M □□□132C21	802
	187	1.3	225	1.2			415	15.500	GSS07-2M □□□132C21	802
	167	1.3	201	1.1			465	17.360	GSS07-2M □□□132C21	802
	141	1.0	170	0.9			515	20.517	GSS07-2M □□□132C21	802
	131	1.2	158	1.1			594	22.143	GSS07-2M □□□132C21	802
	115	0.9					639	25.188	GSS07-2M □□□132C21	802
	107	1.2	129	1.0			727	27.125	GSS07-2M □□□132C21	802
	93	0.8					787	31.000	GSS07-2M □□□132C21	802



50 Hz: $P_N=9.2$ kW
60 Hz: $P_N=11.0$ kW
87 Hz: $P_N=16.2$ 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	9.2 kW		11.0 kW		16.2 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	247	1.6	299	1.4	437	1.1	327	5.862	GSS07-2M □□□132C32	802
	179	1.5	215	1.3	315	1.0	454	8.125	GSS07-2M □□□132C32	802
	160	1.3	193	1.1	282	0.9	496	9.086	GSS07-2M □□□132C32	802
	145	1.4	175	1.2	256	0.9	560	10.000	GSS07-2M □□□132C32	802
	130	1.4	156	1.2	229	0.9	628	11.200	GSS07-2M □□□132C32	802
	115	1.2	139	1.0			688	12.594	GSS07-2M □□□132C32	802
	102	1.3	123	1.1	179	0.9	802	14.286	GSS07-2M □□□132C32	802
	94	1.1	113	1.0			846	15.500	GSS07-2M □□□132C32	802
	84	1.1	101	0.9			947	17.360	GSS07-2M □□□132C32	802
	66	1.0	79	0.9			1204	22.143	GSS07-2M □□□132C32	802
	54	0.9	65	0.8			1474	27.125	GSS07-2M □□□132C32	802



GSS

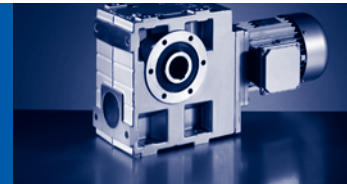
GSS [Nm] - MD□MA (IE1)

50 Hz: $P_N=11.0$ kW

60 Hz: $P_N=13.2$ kW

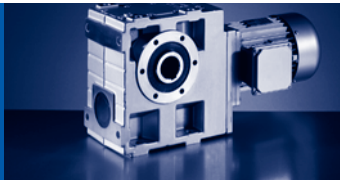
87 Hz: $P_N=19.3$ kW

n _N	1460 r/min		1760 r/min		2565 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	11.0 kW		13.2 kW		19.3 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	249	1.4	300	1.2	438	0.9	389	5.862	GSS07-2M □□□160C22	802
	180	1.3	217	1.1	316	0.8	541	8.125	GSS07-2M □□□160C22	802
	161	1.1	194	0.9			591	9.086	GSS07-2M □□□160C22	802
	146	1.2	176	1.0			667	10.000	GSS07-2M □□□160C22	802
	130	1.2	157	1.0			747	11.200	GSS07-2M □□□160C22	802
	116	1.0	140	0.9			819	12.594	GSS07-2M □□□160C22	802
	94	0.9	114	0.8			1007	15.500	GSS07-2M □□□160C22	802
	84	0.9					1127	17.360	GSS07-2M □□□160C22	802



50 Hz: $P_N=15.0$ kW
60 Hz: $P_N=18.0$ kW
87 Hz: $P_N=26.4$ kW

n _N	1460 r/min		1760 r/min		2565 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	15.0 kW		18.0 kW		26.4 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	249	1.0	300	0.9			533	5.862	GSS07-2M □□□160C32	802
	180	0.9	217	0.8			740	8.125	GSS07-2M □□□160C32	802
	146	0.9					912	10.000	GSS07-2M □□□160C32	802
	130	0.9					1023	11.200	GSS07-2M □□□160C32	802



GSS

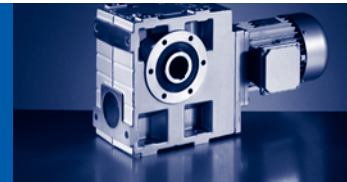
GSS [Nm] - MH□MA (IE2)

50 Hz: P_N=0.75 kW

60 Hz: P_N=0.92 kW

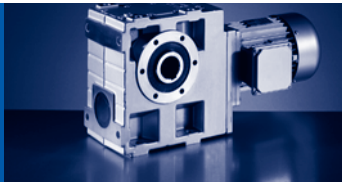
87 Hz: P_N=1.35 kW

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				
	250	4.2	303	4.2	447	3.4	25	5.639	GSS04-2M □□□080C32	818
	182	4.2	221	4.2	326	3.5	35	7.733	GSS04-2M □□□080C32	818
	156	3.8	189	3.6	279	3.1	39	9.042	GSS04-2M □□□080C32	818
	143	3.5	173	3.5	255	3.3	45	9.897	GSS04-2M □□□080C32	818
	130	3.2	158	3.2	233	3.1	49	10.827	GSS04-2M □□□080C32	818
	114	3.1	138	2.9	203	2.5	54	12.400	GSS04-2M □□□080C32	818
	102	2.5	124	2.5	183	2.5	63	13.810	GSS04-2M □□□080C32	818
	89	2.6	108	2.4	159	2.1	69	15.869	GSS04-2M □□□080C32	818
	81	2.3	99	2.3	145	2.0	76	17.360	GSS04-2M □□□080C32	818
	69	1.9	84	1.7	123	1.5	82	20.417	GSS04-2M □□□080C32	818
	64	1.8	77	1.8	114	1.7	97	22.143	GSS04-2M □□□080C32	818
	57	1.7	69	1.6	102	1.4	101	24.800	GSS04-2M □□□080C32	818
	52	1.5	63	1.5	93	1.5	118	27.125	GSS04-2M □□□080C32	818
	52	2.9	63	2.8	93	2.4	120	27.125	GSS05-2M □□□080C32	818
	44	1.4	54	1.3	79	1.2	129	31.738	GSS04-2M □□□080C32	818
	44	2.3	54	2.2	79	1.9	131	31.738	GSS05-2M □□□080C32	818
	41	1.2	50	1.2	74	1.2	148	34.100	GSS04-2M □□□080C32	818
	40	2.3	48	2.3	71	2.0	157	35.306	GSS05-2M □□□080C32	818
	36	1.2	44	1.1	64	1.0	155	39.200	GSS04-2M □□□080C32	818
	36	2.0	44	1.9	64	1.6	159	39.200	GSS05-2M □□□080C32	818
	32	1.0	39	0.9	57	0.9	190	43.917	GSS04-2M □□□080C32	818
	32	1.8	39	1.8	57	1.8	196	43.917	GSS05-2M □□□080C32	818
	32	2.9	39	2.9	57	2.9	191	43.917	GSS06-2M □□□080C32	818
	28	0.9	34	0.9	50	0.9	196	50.000	GSS04-2M □□□080C32	818
	28	1.7	34	1.6	50	1.4	204	50.000	GSS05-2M □□□080C32	818
	26	0.8	32	0.8	47	0.8	217	54.250	GSS04-2M □□□080C32	818
	26	1.6	32	1.5	47	1.3	226	54.250	GSS05-2M □□□080C32	818
	23	1.4	28	1.4	41	1.2	251	61.250	GSS05-2M □□□080C32	818
	20	1.2	24	1.2	36	1.1	294	70.611	GSS05-2M □□□080C32	818
	20	2.5	24	2.5	36	2.2	285	70.611	GSS06-2M □□□080C32	818
	18	1.1	21	1.1	32	1.0	328	79.722	GSS05-2M □□□080C32	818
	18	2.2	21	2.2	32	2.0	318	79.722	GSS06-2M □□□080C32	818
	16	1.0	20	1.0	29	1.0	365	87.833	GSS05-2M □□□080C32	818
	16	2.0	20	2.0	29	1.9	352	87.833	GSS06-2M □□□080C32	818
	14	0.9	17	0.9	25	0.9	405	99.167	GSS05-2M □□□080C32	818
	14	1.8	17	1.8	25	1.8	393	99.167	GSS06-2M □□□080C32	818
	12	1.6	15	1.6	22	1.5	452	113.667	GSS06-2M □□□080C32	818
	12	2.7	15	2.6	22	2.6	462	113.667	GSS07-2M □□□080C32	818
	11	1.4	13	1.4	20	1.4	503	128.333	GSS06-2M □□□080C32	818
	11	1.5	14	1.5	20	1.5	478	126.531	GSS06-3M □□□080C32	826
	11	2.4	13	2.4	20	2.3	516	128.333	GSS07-2M □□□080C32	818



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				
	11	2.5	14	2.5	20	2.5	490	126.531	GSS07-3M □□□080C32	826
	10	1.3	12	1.3	18	1.3	544	137.950	GSS06-2M □□□080C32	818
	10	2.2	12	2.2	18	2.2	560	137.950	GSS07-2M □□□080C32	818
	9.9	1.4	12	1.3	18	1.3	530	142.857	GSS06-3M □□□080C32	826
	9.9	2.3	12	2.2	18	2.2	546	142.857	GSS07-3M □□□080C32	826
	9.1	1.2	11	1.2	16	1.2	579	155.000	GSS06-3M □□□080C32	826
	9.1	1.2	11	1.2	16	1.2	605	155.750	GSS06-2M □□□080C32	818
	9.1	2.0	11	2.0	16	1.9	623	155.750	GSS07-2M □□□080C32	818
	9.1	2.1	11	2.1	16	2.0	599	155.000	GSS07-3M □□□080C32	826
	8.1	1.1	9.8	1.1	14	1.1	645	175.000	GSS06-3M □□□080C32	826
	8.1	1.1	9.8	1.1	15	1.0	679	174.375	GSS06-2M □□□080C32	818
	8.1	1.8	9.8	1.7	15	1.7	701	174.375	GSS07-2M □□□080C32	818
	8.1	1.9	9.8	1.8	14	1.8	664	175.000	GSS07-3M □□□080C32	826
	7.2	1.0	8.8	1.0	13	1.0	722	194.857	GSS06-3M □□□080C32	826
	7.2	1.0	8.7	0.9	13	0.9	755	196.875	GSS06-2M □□□080C32	818
	7.2	1.6	8.7	1.6	13	1.5	782	196.875	GSS07-2M □□□080C32	818
	7	1.6	8.5	1.6	13	1.6	768	201.746	GSS07-3M □□□080C32	826
	6.4	0.9	7.8	0.9	12	0.9	803	220.000	GSS06-3M □□□080C32	826
	6.2	1.5	7.5	1.4	11	1.4	855	227.778	GSS07-3M □□□080C32	826
	5.9	0.8	7.2	0.8			876	238.700	GSS06-3M □□□080C32	826
	5.7	1.3	6.9	1.3	10	1.3	935	247.139	GSS07-3M □□□080C32	826
	5.1	1.2	6.1	1.2	9	1.2	1039	279.028	GSS07-3M □□□080C32	826
	4.4	1.0	5.3	1.0	7.8	1.0	1203	321.673	GSS07-3M □□□080C32	826
	3.9	0.9	4.7	0.9	6.9	0.9	1335	363.179	GSS07-3M □□□080C32	826
	3.6	0.9	4.3	0.9	6.4	0.8	1455	394.245	GSS07-3M □□□080C32	826



GSS

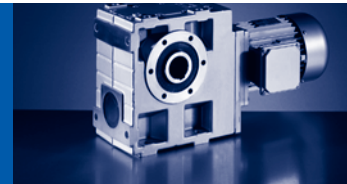
GSS [Nm] - MH□MA (IE2)

50 Hz: P_N=1.1 kW

60 Hz: P_N=1.3 kW

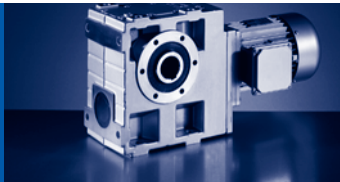
87 Hz: P_N=2.0 kW

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				
	254	4.0	307	3.5	450	2.4	36	5.639	GSS04-2M □□□090C12	818
	185	3.1	224	3.0	328	2.4	51	7.733	GSS04-2M □□□090C12	818
	158	2.6	191	2.5	281	2.2	58	9.042	GSS04-2M □□□090C12	818
	145	2.4	175	2.4	257	2.3	65	9.897	GSS04-2M □□□090C12	818
	132	2.2	160	2.2	235	2.1	72	10.827	GSS04-2M □□□090C12	818
	115	2.1	140	2.0	205	1.8	79	12.400	GSS04-2M □□□090C12	818
	104	1.8	125	1.8	184	1.8	92	13.810	GSS04-2M □□□090C12	818
	104	3.0	125	3.0	184	2.9	91	13.810	GSS05-2M □□□090C12	818
	90	1.8	109	1.7	160	1.5	101	15.869	GSS04-2M □□□090C12	818
	90	2.9	109	2.7	160	2.4	101	15.869	GSS05-2M □□□090C12	818
	82	1.6	100	1.6	146	1.4	111	17.360	GSS04-2M □□□090C12	818
	82	2.8	100	2.6	146	2.3	111	17.360	GSS05-2M □□□090C12	818
	70	1.3	85	1.2	124	1.0	119	20.417	GSS04-2M □□□090C12	818
	70	2.1	85	2.0	124	1.7	119	20.417	GSS05-2M □□□090C12	818
	65	1.3	78	1.3	115	1.2	141	22.143	GSS04-2M □□□090C12	818
	65	2.3	78	2.2	115	1.9	142	22.143	GSS05-2M □□□090C12	818
	58	1.2	70	1.1	102	0.9	147	24.800	GSS04-2M □□□090C12	818
	58	1.9	70	1.7	102	1.5	149	24.800	GSS05-2M □□□090C12	818
	53	1.1	64	1.0	94	1.0	172	27.125	GSS04-2M □□□090C12	818
	53	2.0	64	1.9	94	1.7	175	27.125	GSS05-2M □□□090C12	818
	45	1.0	55	0.9	80	0.8	187	31.738	GSS04-2M □□□090C12	818
	45	1.6	55	1.5	80	1.3	191	31.738	GSS05-2M □□□090C12	818
	45	3.2	55	3.0	80	2.4	188	31.738	GSS06-2M □□□090C12	818
	41	1.6	49	1.6	72	1.4	229	35.306	GSS05-2M □□□090C12	818
	41	3.2	49	3.1	72	2.8	223	35.306	GSS06-2M □□□090C12	818
	37	0.8					225	39.200	GSS04-2M □□□090C12	818
	37	1.4	44	1.3	65	1.1	232	39.200	GSS05-2M □□□090C12	818
	37	2.7	44	2.5	65	2.2	231	39.200	GSS06-2M □□□090C12	818
	33	1.3	39	1.3	58	1.2	285	43.917	GSS05-2M □□□090C12	818
	33	2.6	39	2.5	58	2.4	277	43.917	GSS06-2M □□□090C12	818
	29	1.2	35	1.1	51	1.0	297	50.000	GSS05-2M □□□090C12	818
	29	2.3	35	2.2	51	1.9	294	50.000	GSS06-2M □□□090C12	818
	26	1.1	32	1.1	47	0.9	328	54.250	GSS05-2M □□□090C12	818
	26	2.2	32	2.1	47	1.8	321	54.250	GSS06-2M □□□090C12	818
	23	1.0	28	1.0	42	0.9	365	61.250	GSS05-2M □□□090C12	818
	23	2.0	28	1.9	42	1.7	359	61.250	GSS06-2M □□□090C12	818
	20	0.8	25	0.8			427	70.611	GSS05-2M □□□090C12	818
	20	1.7	25	1.7	36	1.5	416	70.611	GSS06-2M □□□090C12	818
	20	2.9	25	2.9	36	2.8	421	70.611	GSS07-2M □□□090C12	818
	18	1.5	22	1.5	32	1.4	464	79.722	GSS06-2M □□□090C12	818
	18	2.6	22	2.6	32	2.5	473	79.722	GSS07-2M □□□090C12	818



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				
	17	2.4	20	2.4	29	2.3	515	86.542	GSS07-2M □□□090C12	818
	16	1.4	20	1.4	29	1.3	513	87.833	GSS06-2M □□□090C12	818
	15	2.1	18	2.1	26	2.1	577	97.708	GSS07-2M □□□090C12	818
	14	1.3	17	1.2	26	1.2	572	99.167	GSS06-2M □□□090C12	818
	13	1.1	15	1.1	22	1.1	657	113.667	GSS06-2M □□□090C12	818
	13	1.8	15	1.8	22	1.8	674	113.667	GSS07-2M □□□090C12	818
	11	1.0	14	1.0	20	1.0	731	128.333	GSS06-2M □□□090C12	818
	11	1.0	14	1.0	20	1.0	695	126.531	GSS06-3M □□□090C12	826
	11	1.7	14	1.6	20	1.6	752	128.333	GSS07-2M □□□090C12	818
	11	1.7	14	1.7	20	1.7	715	126.531	GSS07-3M □□□090C12	826
	10	0.9	13	0.9	18	0.9	791	137.950	GSS06-2M □□□090C12	818
	10	0.9	12	0.9	18	0.9	771	142.857	GSS06-3M □□□090C12	826
	10	1.5	13	1.5	18	1.5	816	137.950	GSS07-2M □□□090C12	818
	10	1.6	12	1.5	18	1.5	796	142.857	GSS07-3M □□□090C12	826
	9.2	0.8	11	0.8			880	155.750	GSS06-2M □□□090C12	818
	9.2	0.9	11	0.9	16	0.8	842	155.000	GSS06-3M □□□090C12	826
	9.2	1.4	11	1.4	16	1.3	907	155.750	GSS07-2M □□□090C12	818
	9.2	1.4	11	1.4	16	1.4	874	155.000	GSS07-3M □□□090C12	826
	8.2	1.2	9.9	1.2	15	1.2	1021	174.375	GSS07-2M □□□090C12	818
	8.2	1.3	9.9	1.3	15	1.3	968	175.000	GSS07-3M □□□090C12	826
	7.3	1.1	8.8	1.1	13	1.1	1137	196.875	GSS07-2M □□□090C12	818
	7.1	1.1	8.6	1.1	13	1.1	1117	201.746	GSS07-3M □□□090C12	826
	6.3	1.0	7.6	1.0	11	1.0	1244	227.778	GSS07-3M □□□090C12	826
	5.8	0.9	7	0.9	10	0.9	1359	247.139	GSS07-3M □□□090C12	826
	5.1	0.8	6.2	0.8	9.1	0.8	1510	279.028	GSS07-3M □□□090C12	826



GSS

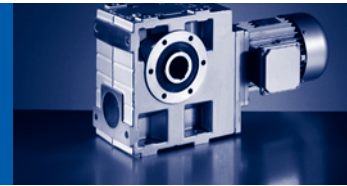
GSS [Nm] - MH□MA (IE2)

50 Hz: P_N=1.5 kW

60 Hz: P_N=1.8 kW

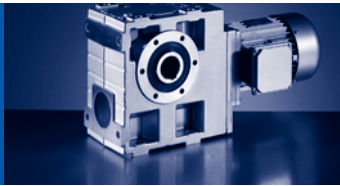
87 Hz: P_N=2.7 kW

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				
	255	2.9	308	2.6	451	1.7	50	5.639	GSS04-2M □□□090C32	818
	186	2.3	224	2.2	329	1.8	69	7.733	GSS04-2M □□□090C32	818
	159	1.9	192	1.8	282	1.6	79	9.042	GSS04-2M □□□090C32	818
	159	3.1	192	3.0	282	2.4	78	9.042	GSS05-2M □□□090C32	818
	145	1.8	175	1.8	257	1.7	89	9.897	GSS04-2M □□□090C32	818
	145	3.0	175	3.0	257	2.5	89	9.897	GSS05-2M □□□090C32	818
	133	1.6	160	1.6	235	1.6	98	10.827	GSS04-2M □□□090C32	818
	133	2.8	160	2.8	235	2.4	97	10.827	GSS05-2M □□□090C32	818
	116	1.6	140	1.5	205	1.3	108	12.400	GSS04-2M □□□090C32	818
	116	2.5	140	2.4	205	2.1	108	12.400	GSS05-2M □□□090C32	818
	104	1.3	126	1.3	184	1.3	126	13.810	GSS04-2M □□□090C32	818
	104	2.2	126	2.2	184	2.1	125	13.810	GSS05-2M □□□090C32	818
	90	1.3	109	1.2	160	1.1	138	15.869	GSS04-2M □□□090C32	818
	90	2.1	109	2.0	160	1.8	139	15.869	GSS05-2M □□□090C32	818
	83	1.2	100	1.2	147	1.0	151	17.360	GSS04-2M □□□090C32	818
	83	2.0	100	1.9	147	1.7	152	17.360	GSS05-2M □□□090C32	818
	70	0.9	85	0.9			163	20.417	GSS04-2M □□□090C32	818
	70	1.5	85	1.4	125	1.3	163	20.417	GSS05-2M □□□090C32	818
	65	0.9	78	0.9	115	0.9	192	22.143	GSS04-2M □□□090C32	818
	65	1.7	78	1.6	115	1.4	195	22.143	GSS05-2M □□□090C32	818
	58	0.9					201	24.800	GSS04-2M □□□090C32	818
	58	1.4	70	1.3	103	1.1	203	24.800	GSS05-2M □□□090C32	818
	53	1.5	64	1.4	94	1.2	239	27.125	GSS05-2M □□□090C32	818
	53	3.0	64	2.8	94	2.5	234	27.125	GSS06-2M □□□090C32	818
	45	1.2	55	1.1	80	1.0	261	31.738	GSS05-2M □□□090C32	818
	45	2.3	55	2.2	80	1.7	258	31.738	GSS06-2M □□□090C32	818
	41	1.2	49	1.2	72	1.0	312	35.306	GSS05-2M □□□090C32	818
	41	2.3	49	2.3	72	2.1	306	35.306	GSS06-2M □□□090C32	818
	37	1.0	44	1.0	65	0.8	317	39.200	GSS05-2M □□□090C32	818
	37	2.0	44	1.9	65	1.6	316	39.200	GSS06-2M □□□090C32	818
	33	0.9	40	0.9	58	0.9	389	43.917	GSS05-2M □□□090C32	818
	33	1.9	40	1.9	58	1.8	379	43.917	GSS06-2M □□□090C32	818
	33	2.9	40	2.9	59	2.9	375	43.271	GSS07-2M □□□090C32	818
	29	0.9	35	0.8			405	50.000	GSS05-2M □□□090C32	818
	29	1.7	35	1.6	51	1.4	403	50.000	GSS06-2M □□□090C32	818
	29	3.0	35	2.9	51	2.3	407	50.000	GSS07-2M □□□090C32	818
	27	0.8					447	54.250	GSS05-2M □□□090C32	818
	27	1.6	32	1.6	47	1.3	440	54.250	GSS06-2M □□□090C32	818
	23	1.5	28	1.4	42	1.2	491	61.250	GSS06-2M □□□090C32	818
	20	1.3	25	1.3	36	1.1	568	70.611	GSS06-2M □□□090C32	818
	20	2.1	25	2.1	36	2.0	578	70.611	GSS07-2M □□□090C32	818



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				
	18	1.1	22	1.1	32	1.0	634	79.722	GSS06-2M □□□090C32	818
	18	1.9	22	1.9	32	1.9	648	79.722	GSS07-2M □□□090C32	818
	17	1.8	20	1.7	29	1.7	706	86.542	GSS07-2M □□□090C32	818
	16	1.0	20	1.0	29	1.0	700	87.833	GSS06-2M □□□090C32	818
	15	0.9	18	0.9	26	0.9	780	99.167	GSS06-2M □□□090C32	818
	15	1.6	18	1.6	26	1.5	790	97.708	GSS07-2M □□□090C32	818
	13	0.8					896	113.667	GSS06-2M □□□090C32	818
	13	1.4	15	1.3	22	1.3	922	113.667	GSS07-2M □□□090C32	818
	11	1.2	14	1.2	20	1.2	1028	128.333	GSS07-2M □□□090C32	818
	11	1.3	14	1.3	20	1.3	978	126.531	GSS07-3M □□□090C32	826
	10	1.1	13	1.1	18	1.1	1114	137.950	GSS07-2M □□□090C32	818
	10	1.2	12	1.1	18	1.1	1088	142.857	GSS07-3M □□□090C32	826
	9.3	1.1	11	1.0	16	1.0	1193	155.000	GSS07-3M □□□090C32	826
	9.2	1.0	11	1.0	16	1.0	1238	155.750	GSS07-2M □□□090C32	818
	8.2	0.9	10	0.9	15	0.9	1393	174.375	GSS07-2M □□□090C32	818
	8.2	1.0	9.9	0.9	15	0.9	1321	175.000	GSS07-3M □□□090C32	826
	7.3	0.8	8.8	0.8			1551	196.875	GSS07-2M □□□090C32	818
	7.1	0.8	8.6	0.8			1524	201.746	GSS07-3M □□□090C32	826



GSS

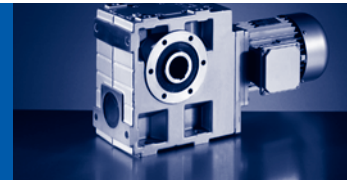
GSS [Nm] - MH□MA (IE2)

50 Hz: P_N=2.2 kW

60 Hz: P_N=2.6 kW

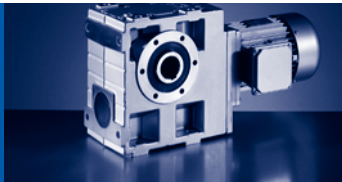
87 Hz: P_N=3.9 kW

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				
	256	3.0	310	2.6	453	2.0	73	5.639	GSS05-2M □□□100C12	818
	187	2.6	226	2.4	330	1.8	101	7.733	GSS05-2M □□□100C12	818
	160	2.2	193	2.0	283	1.6	115	9.042	GSS05-2M □□□100C12	818
	146	2.1	176	2.1	258	1.7	130	9.897	GSS05-2M □□□100C12	818
	134	1.9	161	1.9	236	1.7	143	10.827	GSS05-2M □□□100C12	818
	117	1.7	141	1.6	206	1.4	159	12.400	GSS05-2M □□□100C12	818
	117	3.2	141	2.8	206	2.2	158	12.400	GSS06-2M □□□100C12	818
	105	1.5	126	1.5	185	1.5	183	13.810	GSS05-2M □□□100C12	818
	101	2.8	122	2.8	179	2.6	188	14.286	GSS06-2M □□□100C12	818
	91	1.5	110	1.4	161	1.2	204	15.869	GSS05-2M □□□100C12	818
	91	2.9	110	2.7	161	2.0	202	15.869	GSS06-2M □□□100C12	818
	83	1.4	101	1.3	147	1.2	223	17.360	GSS05-2M □□□100C12	818
	83	2.8	101	2.6	147	2.0	221	17.360	GSS06-2M □□□100C12	818
	71	1.1	86	1.0	125	0.9	239	20.417	GSS05-2M □□□100C12	818
	71	2.0	86	1.7	125	1.3	243	20.417	GSS06-2M □□□100C12	818
	65	1.2	79	1.1	115	1.0	285	22.143	GSS05-2M □□□100C12	818
	65	2.4	79	2.2	115	1.8	281	22.143	GSS06-2M □□□100C12	818
	58	0.9	70	0.9			297	24.800	GSS05-2M □□□100C12	818
	58	1.9	70	1.7	103	1.3	297	24.800	GSS06-2M □□□100C12	818
	53	1.0	64	1.0	94	0.9	350	27.125	GSS05-2M □□□100C12	818
	53	2.1	64	1.9	94	1.7	345	27.125	GSS06-2M □□□100C12	818
	47	2.8	56	2.4	82	1.8	375	31.000	GSS07-2M □□□100C12	818
	46	0.8					381	31.738	GSS05-2M □□□100C12	818
	46	1.6	55	1.5	81	1.2	379	31.738	GSS06-2M □□□100C12	818
	41	1.6	49	1.6	72	1.4	449	35.306	GSS06-2M □□□100C12	818
	41	2.7	49	2.7	72	2.5	449	35.306	GSS07-2M □□□100C12	818
	37	1.4	45	1.3	65	1.1	464	39.200	GSS06-2M □□□100C12	818
	37	2.5	45	2.2	65	1.7	470	39.200	GSS07-2M □□□100C12	818
	33	1.3	40	1.3	58	1.2	556	43.917	GSS06-2M □□□100C12	818
	33	2.2	40	2.2	59	2.2	550	43.271	GSS07-2M □□□100C12	818
	29	1.2	35	1.1	51	1.0	590	50.000	GSS06-2M □□□100C12	818
	29	2.1	35	2.0	51	1.6	599	50.000	GSS07-2M □□□100C12	818
	27	1.1	32	1.1	47	0.9	644	54.250	GSS06-2M □□□100C12	818
	27	1.9	32	1.9	47	1.6	655	54.250	GSS07-2M □□□100C12	818
	24	1.0	29	1.0	42	0.8	719	61.250	GSS06-2M □□□100C12	818
	24	1.7	29	1.7	42	1.5	734	61.250	GSS07-2M □□□100C12	818
	21	0.9	25	0.9			831	70.611	GSS06-2M □□□100C12	818
	21	1.5	25	1.5	36	1.4	848	70.611	GSS07-2M □□□100C12	818
	18	1.3	22	1.3	32	1.3	950	79.722	GSS07-2M □□□100C12	818
	17	1.2	20	1.2	30	1.2	1035	86.542	GSS07-2M □□□100C12	818
	15	1.1	18	1.1	26	1.1	1157	97.708	GSS07-2M □□□100C12	818



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				
	13	0.9	15	0.9	23	0.9	1350	113.667	GSS07-2M □□□100C12	818
	11	0.8	14	0.8	20	0.8	1504	128.333	GSS07-2M □□□100C12	818
	11	0.9	14	0.9	20	0.9	1431	126.531	GSS07-3M □□□100C12	826



GSS

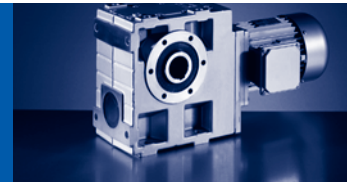
GSS [Nm] - MH□MA (IE2)

50 Hz: P_N=3.0 kW

60 Hz: P_N=3.6 kW

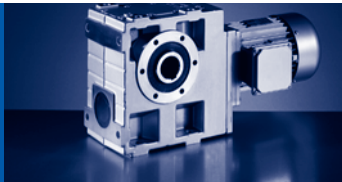
87 Hz: P_N=5.4 kW

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				
	256	2.2	310	1.9	453	1.5	101	5.639	GSS05-2M □□□100C32	818
	187	1.9	226	1.8	330	1.4	139	7.733	GSS05-2M □□□100C32	818
	160	1.6	193	1.5	283	1.2	158	9.042	GSS05-2M □□□100C32	818
	160	2.6	193	2.3	283	1.7	158	9.042	GSS06-2M □□□100C32	818
	146	1.5	176	1.5	258	1.3	179	9.897	GSS05-2M □□□100C32	818
	141	2.8	170	2.7	250	1.9	183	10.238	GSS06-2M □□□100C32	818
	134	1.4	161	1.4	236	1.2	196	10.827	GSS05-2M □□□100C32	818
	129	2.6	156	2.6	228	1.9	201	11.200	GSS06-2M □□□100C32	818
	117	1.3	141	1.2	206	1.1	217	12.400	GSS05-2M □□□100C32	818
	117	2.4	141	2.1	206	1.6	217	12.400	GSS06-2M □□□100C32	818
	105	1.1	126	1.1	185	1.1	251	13.810	GSS05-2M □□□100C32	818
	101	2.0	122	2.0	179	1.9	259	14.286	GSS06-2M □□□100C32	818
	91	1.1	110	1.0	161	0.9	279	15.869	GSS05-2M □□□100C32	818
	91	2.2	110	2.0	161	1.5	278	15.869	GSS06-2M □□□100C32	818
	83	1.0	101	1.0	147	0.8	306	17.360	GSS05-2M □□□100C32	818
	83	2.0	101	1.9	147	1.4	304	17.360	GSS06-2M □□□100C32	818
	71	1.5	86	1.3	125	1.0	334	20.417	GSS06-2M □□□100C32	818
	65	0.9	79	0.8			390	22.143	GSS05-2M □□□100C32	818
	65	1.7	79	1.6	115	1.4	387	22.143	GSS06-2M □□□100C32	818
	65	3.1	79	2.7	115	2.0	385	22.143	GSS07-2M □□□100C32	818
	58	1.4	70	1.2	103	0.9	408	24.800	GSS06-2M □□□100C32	818
	53	1.5	64	1.4	94	1.2	473	27.125	GSS06-2M □□□100C32	818
	53	2.6	64	2.6	94	1.9	473	27.125	GSS07-2M □□□100C32	818
	47	2.0	56	1.8	82	1.3	515	31.000	GSS07-2M □□□100C32	818
	46	1.2	55	1.1	81	0.9	520	31.738	GSS06-2M □□□100C32	818
	41	1.2	49	1.2	72	1.0	615	35.306	GSS06-2M □□□100C32	818
	41	2.0	49	2.0	72	1.8	617	35.306	GSS07-2M □□□100C32	818
	37	1.0	45	0.9	65	0.8	636	39.200	GSS06-2M □□□100C32	818
	37	1.8	45	1.6	65	1.2	646	39.200	GSS07-2M □□□100C32	818
	33	1.0	40	0.9	58	0.9	762	43.917	GSS06-2M □□□100C32	818
	33	1.6	40	1.6	59	1.6	756	43.271	GSS07-2M □□□100C32	818
	29	0.9	35	0.8			808	50.000	GSS06-2M □□□100C32	818
	29	1.5	35	1.4	51	1.2	822	50.000	GSS07-2M □□□100C32	818
	27	0.8					882	54.250	GSS06-2M □□□100C32	818
	27	1.4	32	1.4	47	1.2	898	54.250	GSS07-2M □□□100C32	818
	24	1.2	29	1.2	42	1.1	1006	61.250	GSS07-2M □□□100C32	818
	21	1.1	25	1.1	36	1.0	1162	70.611	GSS07-2M □□□100C32	818
	18	1.0	22	1.0	32	0.9	1301	79.722	GSS07-2M □□□100C32	818
	17	0.9	20	0.9	30	0.9	1417	86.542	GSS07-2M □□□100C32	818



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				
	249	2.5	301	2.2	440	1.6	138	5.833	GSS06-2M □□□112C22	818
	182	2.5	219	2.0	321	1.6	190	8.000	GSS06-2M □□□112C22	818
	161	2.0	194	1.7	284	1.3	211	9.042	GSS06-2M □□□112C22	818
	160	2.9	193	2.5	282	2.1	211	9.086	GSS07-2M □□□112C22	818
	142	2.1	171	2.1	251	1.5	245	10.238	GSS06-2M □□□112C22	818
	130	1.9	157	1.9	229	1.4	268	11.200	GSS06-2M □□□112C22	818
	130	3.2	157	2.8	229	2.1	267	11.200	GSS07-2M □□□112C22	818
	117	1.8	142	1.6	207	1.2	289	12.400	GSS06-2M □□□112C22	818
	116	2.7	139	2.3	204	1.8	293	12.594	GSS07-2M □□□112C22	818
	102	1.5	123	1.5	180	1.4	344	14.286	GSS06-2M □□□112C22	818
	102	2.6	123	2.6	180	2.0	343	14.286	GSS07-2M □□□112C22	818
	94	2.5	113	2.2	166	1.7	361	15.500	GSS07-2M □□□112C22	818
	92	1.6	111	1.5	162	1.1	370	15.869	GSS06-2M □□□112C22	818
	84	1.5	101	1.4	148	1.1	404	17.360	GSS06-2M □□□112C22	818
	84	2.5	101	2.2	148	1.6	404	17.360	GSS07-2M □□□112C22	818
	71	1.1	86	1.0			444	20.417	GSS06-2M □□□112C22	818
	71	1.7	86	1.5	125	1.2	452	20.517	GSS07-2M □□□112C22	818
	66	1.3	79	1.2	116	1.0	514	22.143	GSS06-2M □□□112C22	818
	66	2.3	79	2.0	116	1.5	514	22.143	GSS07-2M □□□112C22	818
	59	1.0	71	0.9			542	24.800	GSS06-2M □□□112C22	818
	58	1.6	70	1.4	102	1.1	558	25.188	GSS07-2M □□□112C22	818
	54	1.1	65	1.1	95	0.9	629	27.125	GSS06-2M □□□112C22	818
	54	2.0	65	1.9	95	1.5	631	27.125	GSS07-2M □□□112C22	818
	47	1.5	57	1.3	83	1.0	686	31.000	GSS07-2M □□□112C22	818
	46	0.9	55	0.8			691	31.738	GSS06-2M □□□112C22	818
	41	1.5	50	1.5	73	1.4	822	35.306	GSS07-2M □□□112C22	818
	37	1.4	45	1.2	65	0.9	860	39.200	GSS07-2M □□□112C22	818
	34	1.2	41	1.2	59	1.2	1005	43.271	GSS07-2M □□□112C22	818
	29	1.1	35	1.1	51	0.9	1094	50.000	GSS07-2M □□□112C22	818
	27	1.1	32	1.0	47	0.9	1194	54.250	GSS07-2M □□□112C22	818
	24	0.9	29	0.9	42	0.8	1337	61.250	GSS07-2M □□□112C22	818
	21	0.8	25	0.8			1544	70.611	GSS07-2M □□□112C22	818



GSS

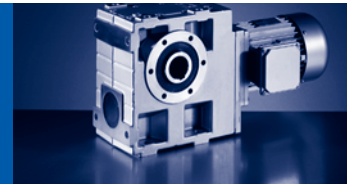
GSS [Nm] - MH□MA (IE2)

50 Hz: P_N=5.5 kW

60 Hz: P_N=6.6 kW

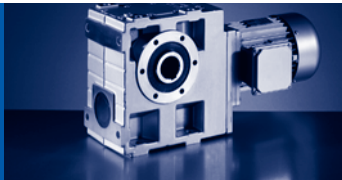
87 Hz: P_N=9.7 kW

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				
	252	1.9	303	1.6	442	1.2	189	5.833	GSS06-2M□□□132C12	818
	251	2.8	302	2.4	440	1.9	190	5.862	GSS07-2M □□□132C12	818
	184	1.9	221	1.5	323	1.1	260	8.000	GSS06-2M□□□132C12	818
	181	2.5	218	2.2	318	1.7	265	8.125	GSS07-2M □□□132C12	818
	163	1.4	196	1.3	285	1.0	289	9.042	GSS06-2M□□□132C12	818
	162	2.1	195	1.9	284	1.5	290	9.086	GSS07-2M □□□132C12	818
	147	2.4	177	2.1	258	1.6	327	10.000	GSS07-2M □□□132C12	818
	144	1.6	173	1.5	252	1.1	335	10.238	GSS06-2M□□□132C12	818
	131	1.4	158	1.4	230	1.0	367	11.200	GSS06-2M□□□132C12	818
	131	2.3	158	2.0	230	1.6	367	11.200	GSS07-2M □□□132C12	818
	119	1.3	143	1.2	208	0.9	395	12.400	GSS06-2M□□□132C12	818
	117	2.0	141	1.7	205	1.3	402	12.594	GSS07-2M □□□132C12	818
	103	1.1	124	1.1	181	1.1	470	14.286	GSS06-2M□□□132C12	818
	103	2.2	124	1.9	181	1.5	469	14.286	GSS07-2M □□□132C12	818
	95	1.9	114	1.6	167	1.2	495	15.500	GSS07-2M □□□132C12	818
	93	1.2	112	1.1	163	0.8	506	15.869	GSS06-2M□□□132C12	818
	85	1.1	102	1.1	149	0.8	553	17.360	GSS06-2M□□□132C12	818
	85	1.8	102	1.6	149	1.2	554	17.360	GSS07-2M □□□132C12	818
	72	0.8					606	20.417	GSS06-2M□□□132C12	818
	72	1.2	86	1.1	126	0.9	618	20.517	GSS07-2M □□□132C12	818
	66	1.0	80	0.9			703	22.143	GSS06-2M□□□132C12	818
	66	1.7	80	1.5	117	1.1	705	22.143	GSS07-2M □□□132C12	818
	58	1.2	70	1.0			764	25.188	GSS07-2M □□□132C12	818
	54	0.8					859	27.125	GSS06-2M□□□132C12	818
	54	1.4	65	1.4	95	1.1	864	27.125	GSS07-2M □□□132C12	818
	47	1.1	57	1.0			939	31.000	GSS07-2M □□□132C12	818
	38	1.0	45	0.9			1175	39.200	GSS07-2M □□□132C12	818
	29	0.8	35	0.8			1494	50.000	GSS07-2M □□□132C12	818



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				
	250	1.4	302	1.2	441	0.9	261	5.833	GSS06-2M□□□132C22	818
	249	2.0	300	1.8	438	1.4	264	5.862	GSS07-2M □□□132C22	818
	183	1.4	220	1.1	321	0.8	360	8.000	GSS06-2M□□□132C22	818
	180	1.9	217	1.6	316	1.2	367	8.125	GSS07-2M □□□132C22	818
	162	1.1	195	0.9			398	9.042	GSS06-2M□□□132C22	818
	161	1.6	194	1.4	283	1.1	401	9.086	GSS07-2M □□□132C22	818
	146	1.8	176	1.5	257	1.2	452	10.000	GSS07-2M □□□132C22	818
	143	1.1	172	1.1			462	10.238	GSS06-2M□□□132C22	818
	130	1.0	157	1.0			506	11.200	GSS06-2M□□□132C22	818
	130	1.7	157	1.5	230	1.1	507	11.200	GSS07-2M □□□132C22	818
	118	1.0	142	0.8			545	12.400	GSS06-2M□□□132C22	818
	116	1.4	140	1.3	204	1.0	555	12.594	GSS07-2M □□□132C22	818
	102	0.8	123	0.8			648	14.286	GSS06-2M□□□132C22	818
	102	1.6	123	1.4	180	1.1	647	14.286	GSS07-2M □□□132C22	818
	94	1.4	114	1.2	166	0.9	683	15.500	GSS07-2M □□□132C22	818
	92	0.9					697	15.869	GSS06-2M□□□132C22	818
	84	0.8					762	17.360	GSS06-2M□□□132C22	818
	84	1.3	101	1.2	148	0.9	765	17.360	GSS07-2M □□□132C22	818
	71	0.9					851	20.517	GSS07-2M □□□132C22	818
	66	1.2	80	1.1	116	0.8	972	22.143	GSS07-2M □□□132C22	818
	58	0.9					1052	25.188	GSS07-2M □□□132C22	818
	54	1.1	65	1.0			1191	27.125	GSS07-2M □□□132C22	818
	47	0.8					1293	31.000	GSS07-2M □□□132C22	818



GSS

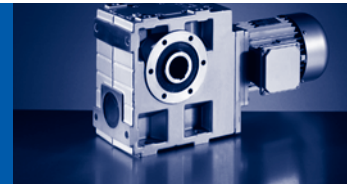
GSS [Nm] - MH□MA (IE2)

50 Hz: $P_N=11.0$ kW

60 Hz: $P_N=13.2$ kW

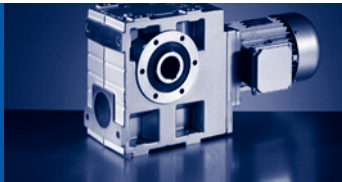
87 Hz: $P_N=19.4$ kW

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	11.0 kW		13.2 kW		19.4 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	251	1.4	302	1.2	440	0.9	386	5.862	GSS07-2M □□□160C22	818
	181	1.3	218	1.1	318	0.9	537	8.125	GSS07-2M □□□160C22	818
	162	1.1	195	0.9			587	9.086	GSS07-2M □□□160C22	818
	147	1.2	177	1.1			662	10.000	GSS07-2M □□□160C22	818
	131	1.2	158	1.0			742	11.200	GSS07-2M □□□160C22	818
	117	1.0	141	0.9			813	12.594	GSS07-2M □□□160C22	818
	95	0.9	114	0.8			1000	15.500	GSS07-2M □□□160C22	818
	85	0.9					1119	17.360	GSS07-2M □□□160C22	818



50 Hz: $P_N=15.0$ kW
60 Hz: $P_N=18.0$ kW
87 Hz: $P_N=26.4$ kW

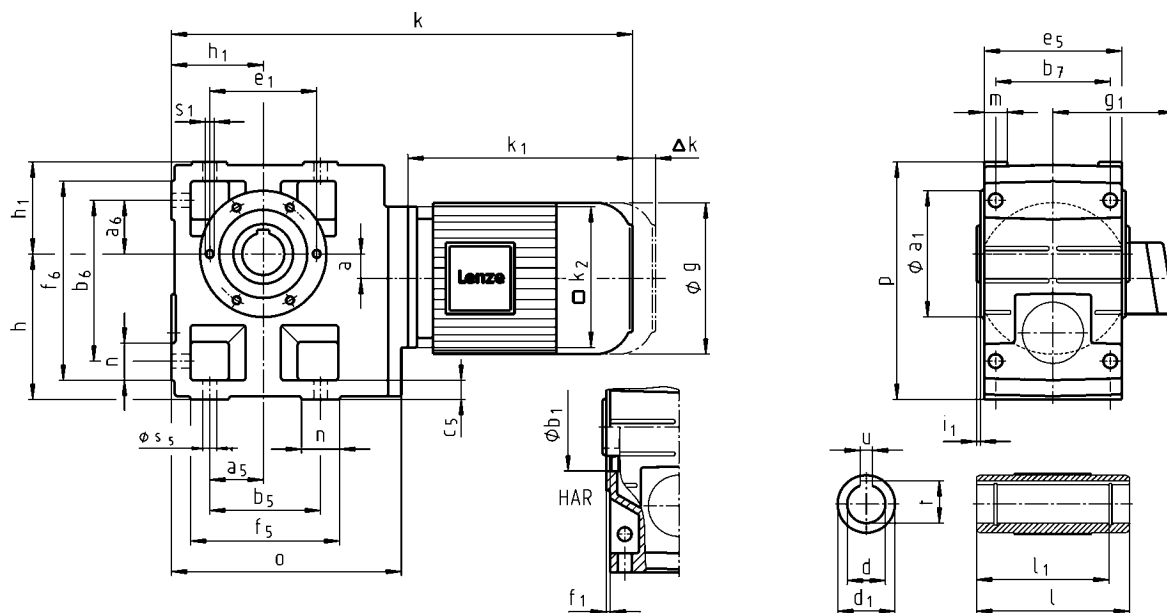
n _N	1470 r/min		1770 r/min		2580 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	15.0 kW		18.0 kW		26.4 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	251	1.0	302	0.9			529	5.862	GSS07-2M □□□160C32	818
	181	0.9	218	0.8			735	8.125	GSS07-2M □□□160C32	818
	147	0.9					906	10.000	GSS07-2M □□□160C32	818
	131	0.9					1015	11.200	GSS07-2M □□□160C32	818



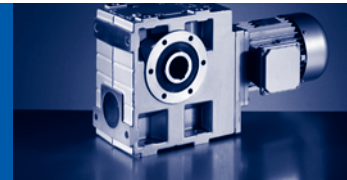
GSS

GSS [mm] - MD□MA (IE1)

GSS□□-2M H□R



		063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31 071C32 071C33 071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31
g		123		139		156	176
g ₁	MDEMAXX	100		109		145	152
	MDEMABR	107		118		132	137
k ₁	MDEMAXX	187		207		224.5	274
k ₂			120			145	180
Δ k	MDEMABR	40		52		73	68
	MDFMAXX			128			
	MDFMABR	170		165		183	181
		k					
GSS04		377		397		420	479
GSS05			399	419		441	501
GSS06			439		459	481	541
GSS07						524	584



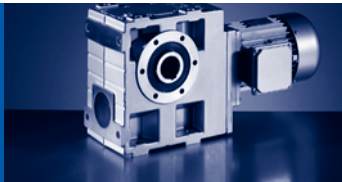
		090C32	100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41	132C12 132C21 132C22 132C32	160C22	160C32
g		176	194	218	258	310		
g ₁	MDEMAXX	152	161	171	195	210		
	MDEMABR	137	147	158	187	210		
k ₁	MDEMAXX	248	309	319	363	403	457.5	501.5
k ₂		180		222	265	300		
Δ k	MDEMABR	68	76	90	109.5	105		
	MDFMAXX	128	109	102	115	149		
	MDFMABR	181	170	183	201.5	179		
k								
GSS04		453						
GSS05		475	536					
GSS06		515	576	592	636			
GSS07		558	619	635	679	727	786	830

	a	h ¹⁾	h ₁	o	p ¹⁾
GSS04	20	100	71	181	171
GSS05	23	125	80	212	205
GSS06	26	150	100	255	250
GSS07	33	190	120	305	310

	d	d ₁	l ¹⁾	l ₁	u	t	i ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	H7				JS9	+0,2			H7			
GSS04	25	45	115	100	8	28.3	2.5	104	75	90	3	M6x12
	30	45	115	100	8	33.3	2.5					
GSS05	30	50	140	124	8	33.3	4	118	80	100	4	M8x15
	35	50	140	124	10	38.3	4					
GSS06	40	65	160	140	12	43.3	5	140	100	120	4	M10x16
	45	65	160	140	14	48.8	5					
GSS07	50	75	200	175	14	53.8	5	165	115	140	5	M12x18
	55	75	200	175	16	59.3	5					

	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GSS04	45	45	90	119	85	14	100	112	141	20	22	9
GSS05	47.5	47.5	95	140	105	17	115	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

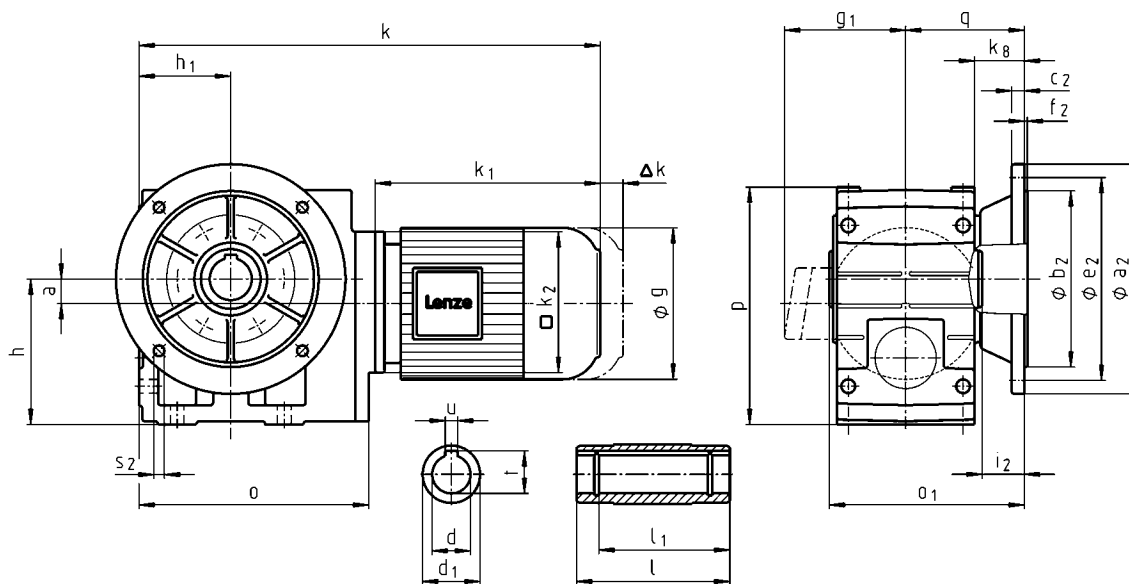
¹⁾ k₂ !



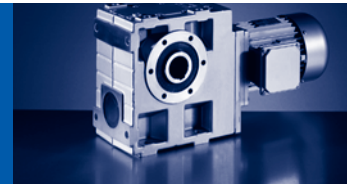
GSS

GSS [mm] - MD□MA (IE1)

GSS□□-2M HAK



		063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31 071C32 071C33 071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31
g		123		139		156	176
g₁	MDEMAXX	100		109		145	152
	MDEMABR	107		118		132	137
k₁	MDEMAXX	187		207		224.5	274
k₂			120			145	180
Δk	MDEMABR	40		52		73	68
	MDFMAXX			128			
	MDFMABR	170		165		183	181
		k					
GSS04		377		397		420	479
GSS05			399	419		441	501
GSS06			439		459	481	541
GSS07						524	584

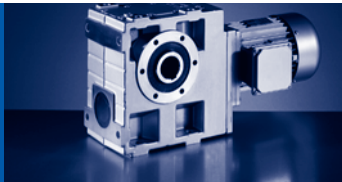


		090C32	100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41	132C12 132C21 132C22 132C32	160C22	160C32
g		176	194	218	258	310		
g₁	MDEMAXX	152	161	171	195	210		
	MDEMABR	137	147	158	187	210		
k₁	MDEMAXX	248	309	319	363	403	457.5	501.5
k₂		180		222	265	300		
Δ k	MDEMABR	68	76	90	109.5	105		
	MDFMAXX	128	109	102	115	149		
	MDFMABR	181	170	183	201.5	179		
k								
GSS04		453						
GSS05		475	536					
GSS06		515	576	592	636			
GSS07		558	619	635	679	727	786	830

	a	h ¹⁾	h ₁	k ₈	o	p ¹⁾	q
GSS04	20	100	71	41	181	171	91
GSS05	23	125	80	40	212	205	103.5
GSS06	26	150	100	49	255	250	121.5
GSS07	33	190	120	65.5	305	310	155.5

	d	d ₁	l	l ₁	u	t	i ₂	o ₁ ¹⁾	a ₂	b ₂	c ₂	e ₂	f ₂	s ₂
	H7				JS9	+0,2				j7				
GSS04	25	45	115	100	8	28.3	33	148.5	160	110	10	130	3.5	4 x 9
	30	45	115	100	8	33.3	33	148.5						
GSS05	30	50	140	124	8	33.3	33	173.5	200	130	12	165	4	4 x 11
	35	50	140	124	10	38.3	33	173.5						
GSS06	40	65	160	140	12	43.3	42	201.5	200	130	12	165	3.5	4 x 11
	45	65	160	140	14	48.8	41	201.5	250	180	15	215	4	4 x 14
GSS07	50	75	200	175	14	53.8	55	255.5	250	180	15	215	4	4 x 14
	55	75	200	175	16	59.3	55	255.5	300	230	17	265	4	4 x 14

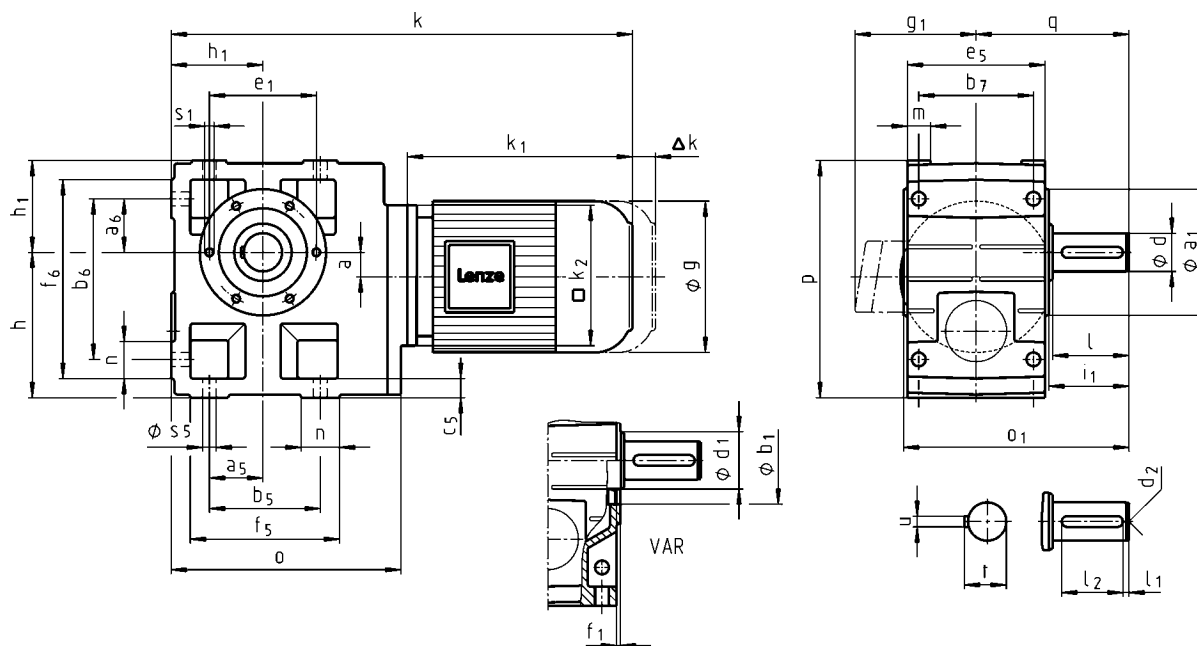
¹⁾ k₂ !



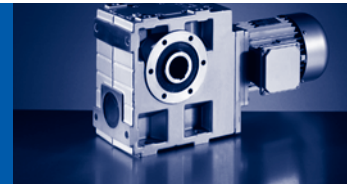
GSS

GSS [mm] - MD□MA (IE1)

GSS□□-2M V□R



		063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31 071C32 071C33 071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31
g		123		139		156	176
g₁	MDEMAXX	100		109		145	152
	MDEMABR	107		118		132	137
k₁	MDEMAXX	187		207		224.5	274
k₂			120			145	180
Δk	MDEMABR	40		52		73	68
	MDFMAXX			128			
	MDFMABR	170		165		183	181
		k					
GSS04		377		397		420	479
GSS05			399	419		441	501
GSS06			439		459	481	541
GSS07						524	584



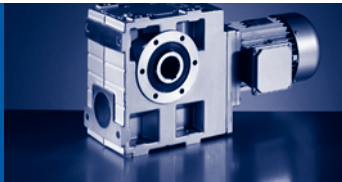
		090C32	100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41	132C12 132C21 132C22 132C32	160C22	160C32
g		176	194	218	258	310		
g ₁	MDEMAXX	152	161	171	195	210		
	MDEMABR	137	147	158	187	210		
k ₁	MDEMAXX	248	309	319	363	403	457.5	501.5
k ₂		180		222	265	300		
Δ k	MDEMABR	68	76	90	109.5	105		
	MDFMAXX	128	109	102	115	149		
	MDFMABR	181	170	183	201.5	179		
k								
GSS04		453						
GSS05		475	536					
GSS06		515	576	592	636			
GSS07		558	619	635	679	727	786	830

	a	h ¹⁾	h ₁	o	p ¹⁾	q
GSS04	20	100	71	181	171	107.5
GSS05	23	125	80	212	205	130
GSS06	26	150	100	255	250	160
GSS07	33	190	120	305	310	200

	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											H7			
GSS04	25	45	M10	50	6	40	8	28	52.5	162.5	104	75	90	3	M6x12
GSS05	30	45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GSS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GSS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GSS04	45	45	90	119	85	14	100	112	141	20	22	9
GSS05	47.5	47.5	95	140	105	17	115	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

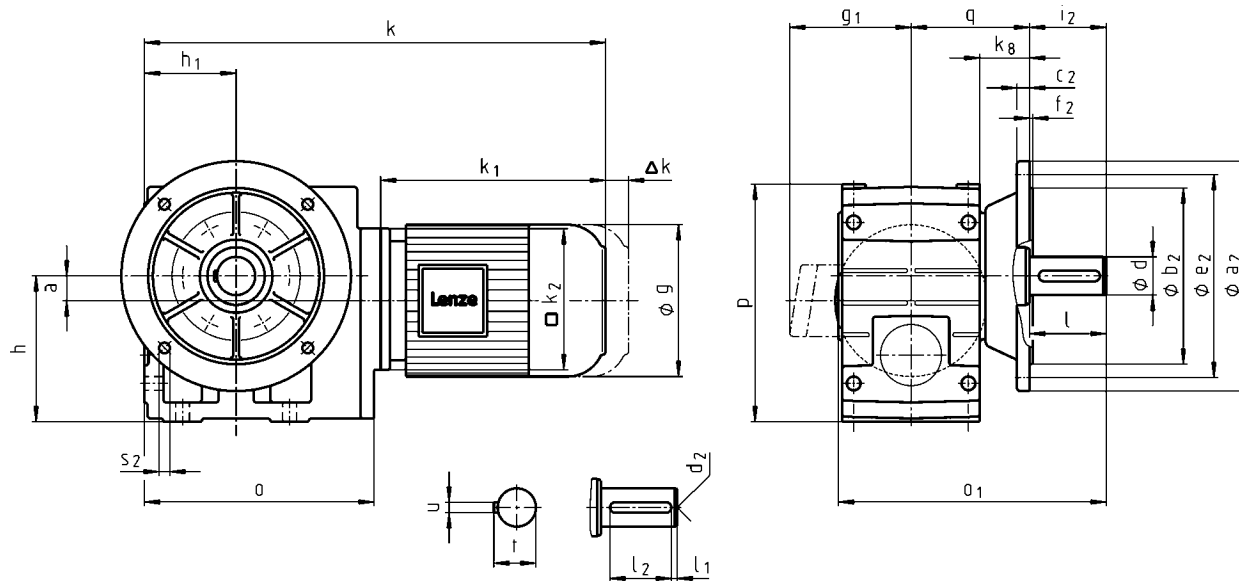
¹⁾ k₂ !



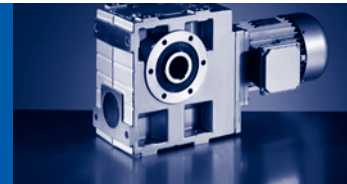
GSS

GSS [mm] - MD□MA (IE1)

GSS□□-2M VAK



	063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31 071C32 071C33 071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31
g	123		139		156	176
g₁	MDEMAXX 100		109		145	152
k₁	MDEMAXX 107		118		132	137
k₂	MDEMAXX 187		207		224.5	274
		120			145	180
Δ k	MDEMABR 40		52		73	68
	MDFMAXX 170		128			
	MDFMABR		165		183	181
	k					
GSS04	377		397		420	479
GSS05		399	419		441	501
GSS06		439		459	481	541
GSS07					524	584

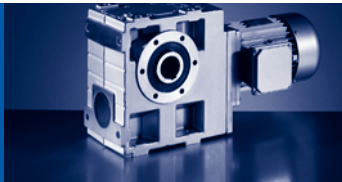


		090C32	100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41	132C12 132C21 132C22 132C32	160C22	160C32
g		176	194	218	258	310		
g₁	MDEMAXX	152	161	171	195	210		
	MDEMABR	137	147	158	187	210		
k₁	MDEMAXX	248	309	319	363	403	457.5	501.5
k₂		180		222	265	300		
Δ k	MDEMABR	68	76	90	109.5	105		
	MDFMAXX	128	109	102	115	149		
	MDFMABR	181	170	183	201.5	179		
		k						
GSS04		453						
GSS05		475	536					
GSS06		515	576	592	636			
GSS07		558	619	635	679	727	786	830

	a	h ¹⁾	h ₁	k ₈	o	p ¹⁾	q
GSS04	20	100	71	41	181	171	91
GSS05	23	125	80	40	212	205	103.5
GSS06	26	150	100	49	255	250	121.5
GSS07	33	190	120	65.5	305	310	155.5

	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				
GSS04	25	M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GSS05	30	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GSS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GSS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

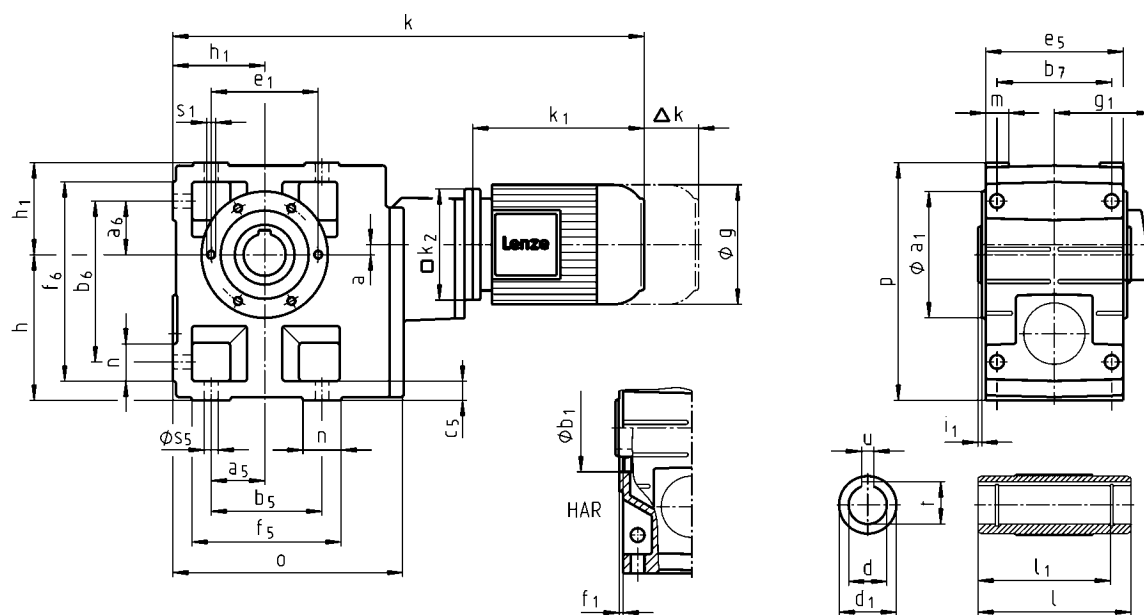
¹⁾ k₂ !

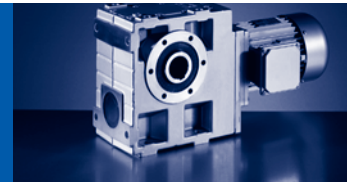


GSS

GSS [mm] - MD□MA (IE1)

GSS□□-3M H□R



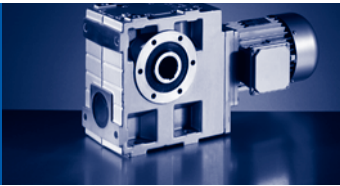


		063C11 063C12 063C31 063C32	063C42	071C11 071C13 071C31 071C32 071C33 071C42	080C11 080C13	080C31 080C32 080C33 080C42	090C11 090C31	090C32	100C12 100C31 100C41
g		123		139		156		176	194
g₁	MDEMAXX	100		109		145		152	161
	MDEMABR	107		118		132		137	147
k₁	MDEMAXX	187		207		224.5	274	248	309
k₂		120				145		180	
Δ k	MDEMABR	40		52		73		68	76
	MDFMAXX				128				109
	MDFMABR	170		165		183		181	170
		k							
GSS05		475		495	518				
GSS06		532		552		575	634		
GSS07			586	606		629	688	662	723

	a	h	h ₁	o	p
GSS05	13	125	80	209	205
GSS06	10	150	100	252	250
GSS07	12	190	120	299	310

	d	d ₁	l	l ₁	u	t	i ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	H7				JS9	+0,2			H7			
GSS05	30	50	140	124	8	33.3	4	118	80	100	4	M8x15
	35	50	140	124	10	38.3	4					
GSS06	40	65	160	140	12	43.3	5	140	100	120	4	M10x16
	45	65	160	140	14	48.8	5					
GSS07	50	75	200	175	14	53.8	5	165	115	140	5	M12x18
	55	75	200	175	16	59.3	5					

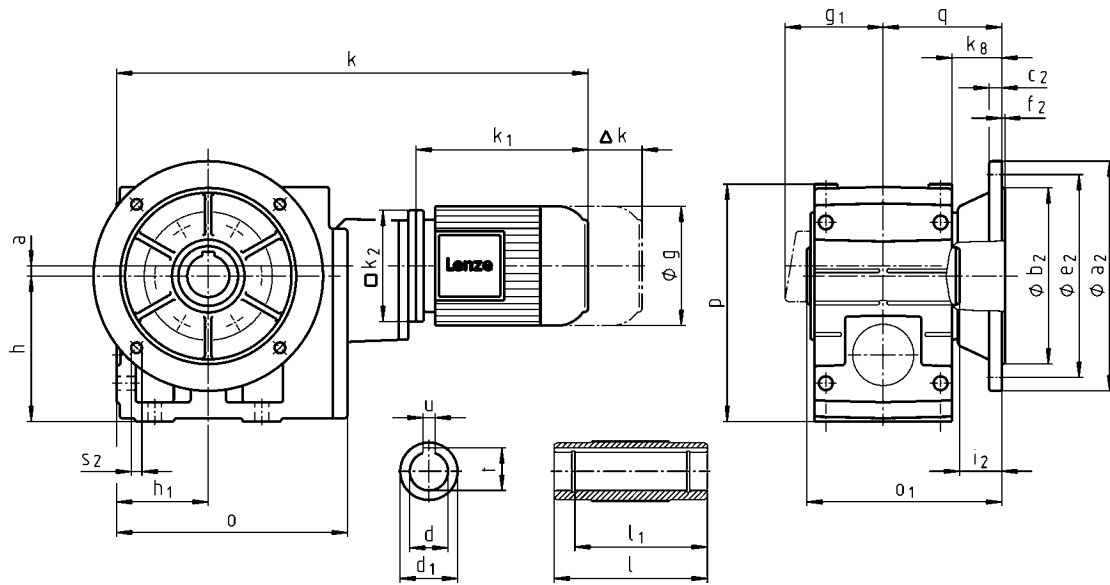
	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GSS05	47.5	47.5	95	140	105	17	115	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

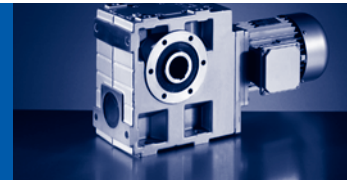


GSS

GSS [mm] - MD□MA (IE1)

GSS□□-3M HAK

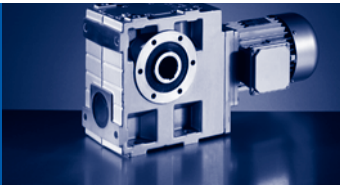




		063C11 063C12 063C31 063C32	063C42	071C11 071C13 071C31 071C32 071C33 071C42	080C11 080C13	080C31 080C32 080C33 080C42	090C11 090C31	090C32	100C12 100C31 100C41
g		123		139		156		176	194
g₁	MDEMAXX	100		109		145		152	161
	MDEMABR	107		118		132		137	147
k₁	MDEMAXX	187		207		224.5	274	248	309
k₂		120				145		180	
Δ k	MDEMABR	40		52		73		68	76
	MDFMAXX				128				109
	MDFMABR	170		165		183		181	170
						k			
GSS05		475		495	518				
GSS06		532		552		575	634		
GSS07			586	606		629	688	662	723

	a	h	h ₁	k ₈	o	p	q
GSS05	13	125	80	40	209	205	103.5
GSS06	10	150	100	49	252	250	121.5
GSS07	12	190	120	65.5	299	310	155.5

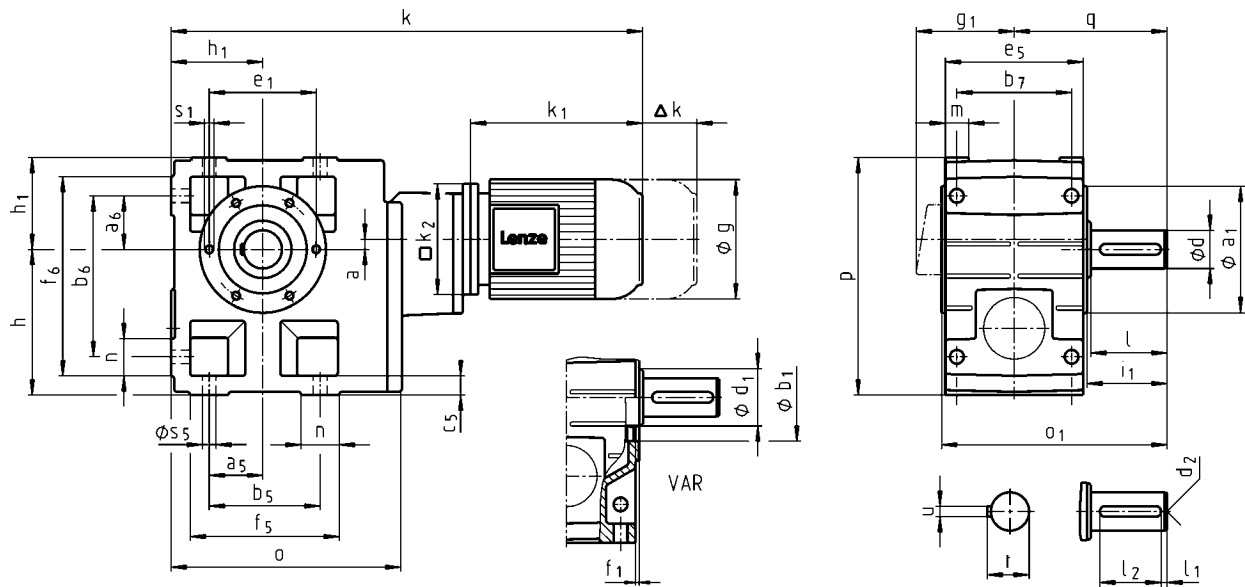
	d	d ₁	l	l ₁	u	t	i ₂	o ₁	a ₂	b ₂	c ₂	e ₂	f ₂	s ₂
	H7				J59	+0,2				j7				
GSS05	30	50	140	124	8	33.3	33	173.5	200	130	12	165	4	4 x 11
	35	50	140	124	10	38.3	33	173.5						
GSS06	40	65	160	140	12	43.3	42	201.5	200	130	12	165	3.5	4 x 11
	45	65	160	140	14	48.8	41	201.5	250	180	15	215	4	4 x 14
GSS07	50	75	200	175	14	53.8	55	255.5	250	180	15	215	4	4 x 14
	55	75	200	175	16	59.3	55	255.5	300	230	17	265	4	4 x 14

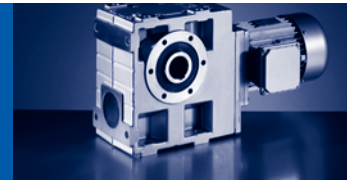


GSS

GSS [mm] - MD□MA (IE1)

GSS□□-3M V□R



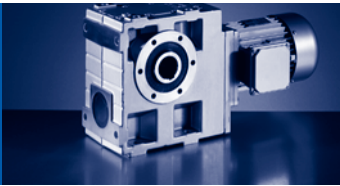


		063C11 063C12 063C31 063C32	063C42	071C11 071C13 071C31 071C32 071C33 071C42	080C11 080C13	080C31 080C32 080C33 080C42	090C11 090C31	090C32	100C12 100C31 100C41
g		123		139		156		176	194
g₁	MDEMAXX	100		109		145		152	161
	MDEMABR	107		118		132		137	147
k₁	MDEMAXX	187		207		224.5	274	248	309
k₂		120				145		180	
Δ k	MDEMABR	40		52		73		68	76
	MDFMAXX				128				109
	MDFMABR	170		165		183		181	170
						k			
GSS05		475		495	518				
GSS06		532		552		575	634		
GSS07			586	606		629	688	662	723

	a	h	h ₁	o	p	q
GSS05	13	125	80	209	205	130
GSS06	10	150	100	252	250	160
GSS07	12	190	120	299	310	200

	d	d ₁	d ₂	l	l ₁	l ₂	u	t	i ₁	o ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	k6											H7			
GSS05	30	45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GSS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GSS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

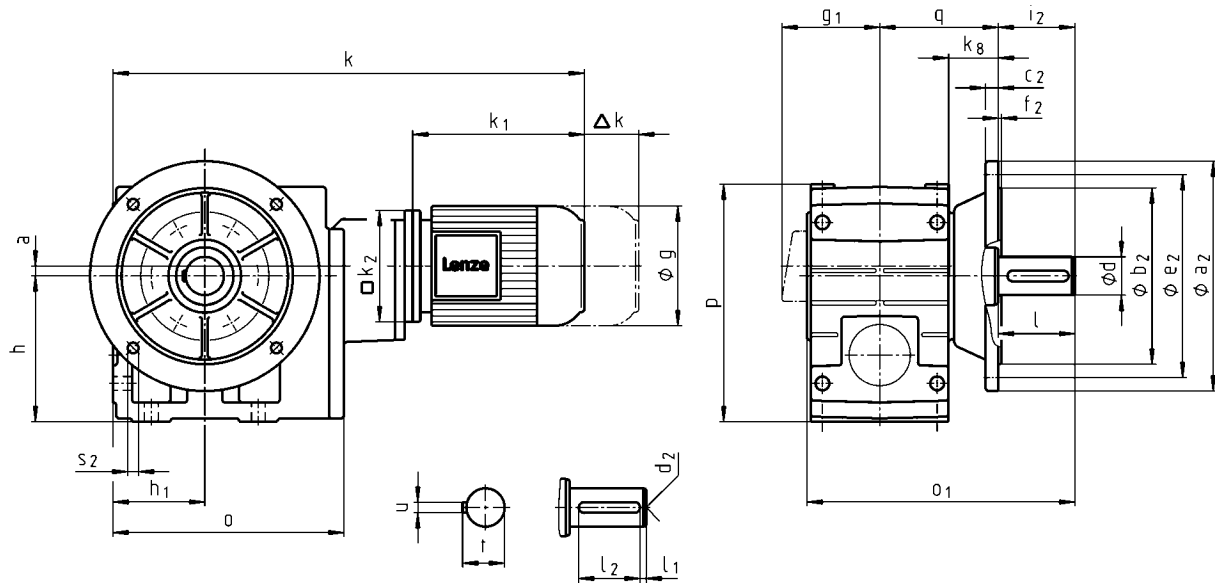
	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GSS05	47.5	47.5	95	140	105	17	115	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

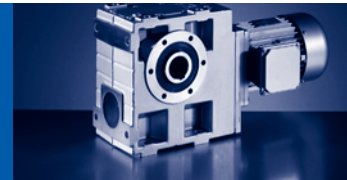


GSS

GSS [mm] - MD□MA (IE1)

GSS□□-3M VAK

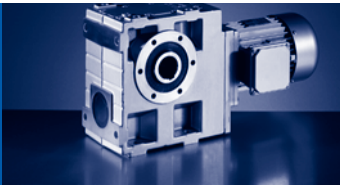




		063C11 063C12 063C31 063C32	063C42	071C11 071C13 071C31 071C32 071C33 071C42	080C11 080C13	080C31 080C32 080C33 080C42	090C11 090C31	090C32	100C12 100C31 100C41
g		123		139		156		176	194
g₁	MDEMAXX	100		109		145		152	161
	MDEMABR	107		118		132		137	147
k₁	MDEMAXX	187		207		224.5	274	248	309
k₂		120				145		180	
	MDEMABR	40		52		73		68	76
Δ k	MDFMAXX				128				109
	MDFMABR	170		165		183		181	170
						k			
GSS05		475		495	518				
GSS06		532		552		575	634		
GSS07			586	606		629	688	662	723

	a	h	h ₁	k ₈	o	p	q
GSS05	13	125	80	40	209	205	103.5
GSS06	10	150	100	49	252	250	121.5
GSS07	12	190	120	65.5	299	310	155.5

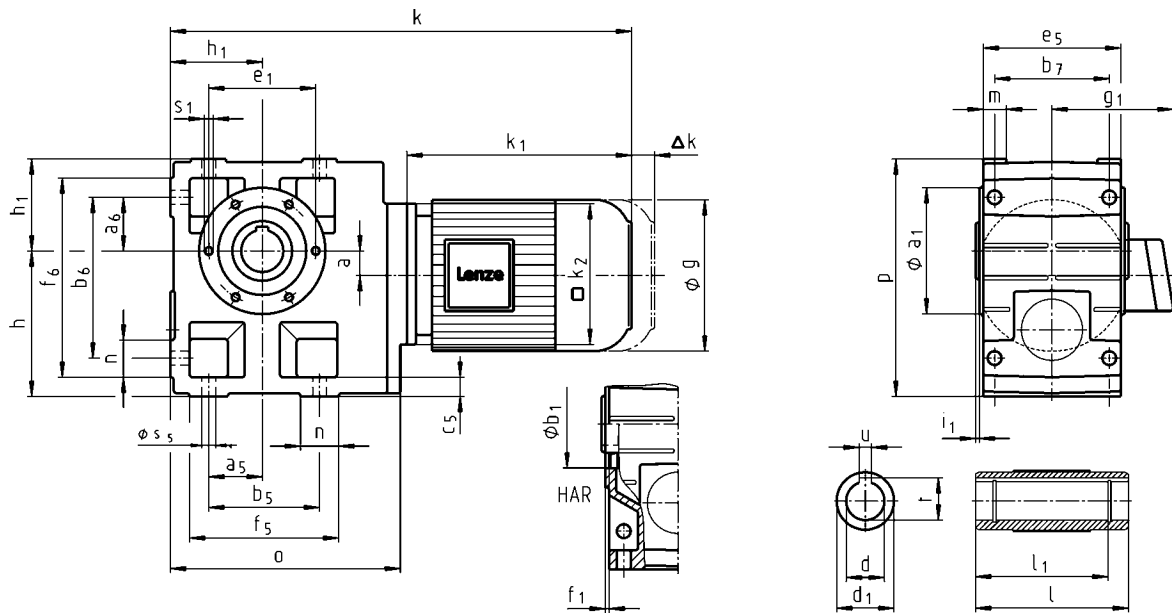
	d	d ₂	l	l ₁	l ₂	u	t	i ₂	o ₁	a ₂	b ₂	c ₂	e ₂	f ₂	s ₂
	k6										j7				
GSS05	30	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GSS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GSS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

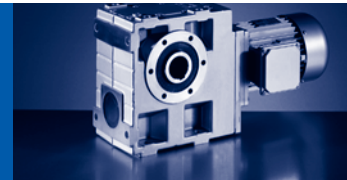


GSS

GSS [mm] - MH□MA (IE2)

GSS□□-2M H□R





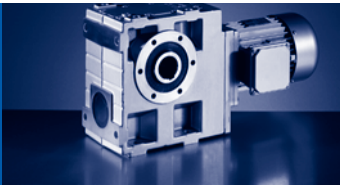
		080C32	090C12 090C32	100C12	100C32	112C22	132C12 132C22	160C22	160C32
g		156	176	194		218	258	310	
g₁	MHEMAXX	145	152	161		171	195	210	
	MHEMABR	132	137	147		158	187	210	
k₁	MHEMAXX	224.5	274	309	324	363	403	457.5	501.5
k₂		145		180		222	265	300	
Δ k	MHEMABR	73	68	76		90	109.5	105	
	MHFMAXX	128		109		102	115	149	
	MHFMABR	183	181	170		183	201.5	179	
k									
GSS04		420	479						
GSS05		441	501	536	551				
GSS06		481	541	576	591	636	684		
GSS07		524	584	619	634	679	727	786	830

	a	h ¹⁾	h ₁	o	p ¹⁾
GSS04	20	100	71	181	171
GSS05	23	125	80	212	205
GSS06	26	150	100	255	250
GSS07	33	190	120	305	310

	d	d ₁	l ¹⁾	l ₁	u	t	i ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	H7				JS9	+0,2			H7			
GSS04	25	45	115	100	8	28.3	2.5	104	75	90	3	M6x12
	30	45	115	100	8	33.3	2.5					
GSS05	30	50	140	124	8	33.3	4	118	80	100	4	M8x15
	35	50	140	124	10	38.3	4					
GSS06	40	65	160	140	12	43.3	5	140	100	120	4	M10x16
	45	65	160	140	14	48.8	5					
GSS07	50	75	200	175	14	53.8	5	165	115	140	5	M12x18
	55	75	200	175	16	59.3	5					

	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GSS04	45	45	90	119	85	14	100	112	141	20	22	9
GSS05	47.5	47.5	95	140	105	17	115	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

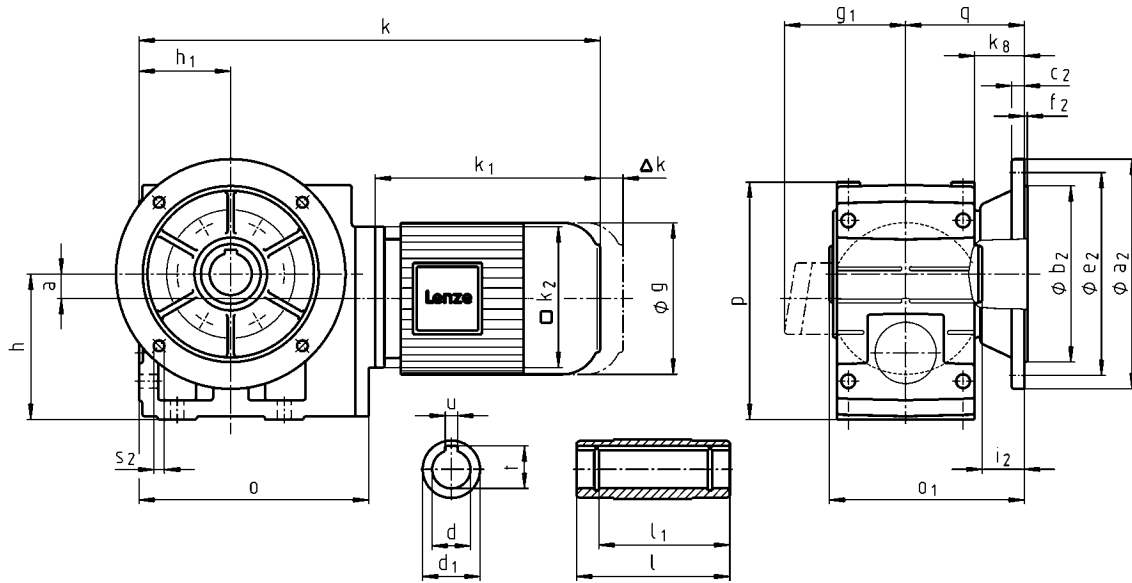
¹⁾ k₂ !

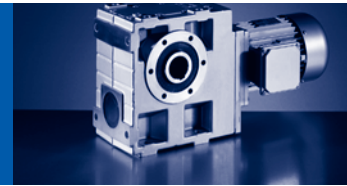


GSS

GSS [mm] - MH□MA (IE2)

GSS□□-2M HAK



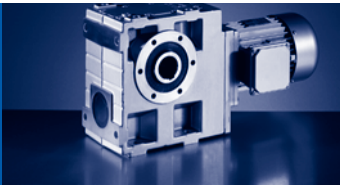


		080C32	090C12 090C32	100C12	100C32	112C22	132C12 132C22	160C22	160C32
g		156	176	194		218	258	310	
g ₁	MHEMAXX	145	152	161		171	195	210	
	MHEMABR	132	137	147		158	187	210	
k ₁	MHEMAXX	224.5	274	309	324	363	403	457.5	501.5
k ₂		145		180		222	265	300	
Δ k	MHEMABR	73	68	76		90	109.5	105	
	MHFMAXX	128		109		102	115	149	
	MHFMABR	183	181	170		183	201.5	179	
		k							
GSS04		420	479						
GSS05		441	501	536	551				
GSS06		481	541	576	591	636	684		
GSS07		524	584	619	634	679	727	786	830

	a	h ¹⁾	h ₁	k ₈	o	p ¹⁾	q
GSS04	20	100	71	41	181	171	91
GSS05	23	125	80	40	212	205	103.5
GSS06	26	150	100	49	255	250	121.5
GSS07	33	190	120	65.5	305	310	155.5

	d	d ₁	l	l ₁	u	t	i ₂	o ₁ ¹⁾	a ₂	b ₂	c ₂	e ₂	f ₂	s ₂
	H7				JS9	+0,2				j7				
GSS04	25	45	115	100	8	28.3	33	148.5	160	110	10	130	3.5	4 x 9
	30	45	115	100	8	33.3	33	148.5						
GSS05	30	50	140	124	8	33.3	33	173.5	200	130	12	165	4	4 x 11
	35	50	140	124	10	38.3	33	173.5						
GSS06	40	65	160	140	12	43.3	42	201.5	200 250	130 180	12 15	165 215	3.5 4	4 x 11 4 x 14
	45	65	160	140	14	48.8	41	201.5						
GSS07	50	75	200	175	14	53.8	55	255.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14
	55	75	200	175	16	59.3	55	255.5						

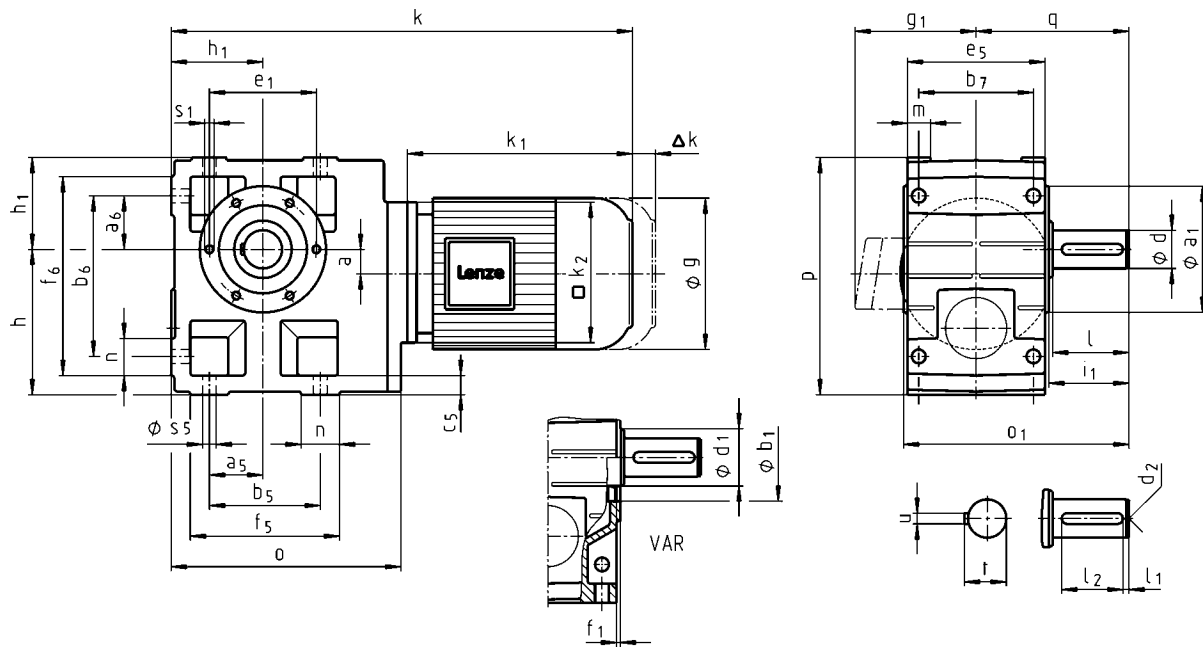
¹⁾ k₂ !

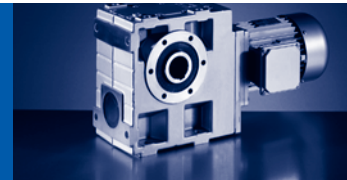


GSS

GSS [mm] - MH□MA (IE2)

GSS□□-2M V□R





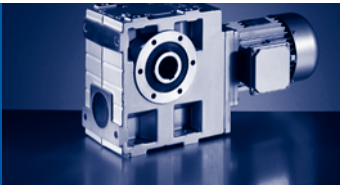
		080C32	090C12 090C32	100C12	100C32	112C22	132C12 132C22	160C22	160C32
g		156	176	194		218	258	310	
g₁	MHEMAXX	145	152	161		171	195	210	
	MHEMABR	132	137	147		158	187	210	
k₁	MHEMAXX	224.5	274	309	324	363	403	457.5	501.5
k₂		145		180		222	265	300	
Δ k	MHEMABR	73	68	76		90	109.5	105	
	MHFMAXX	128		109		102	115	149	
	MHFMABR	183	181	170		183	201.5	179	
k									
GSS04		420	479						
GSS05		441	501	536	551				
GSS06		481	541	576	591	636	684		
GSS07		524	584	619	634	679	727	786	830

	a	h ¹⁾	h ₁	o	p ¹⁾	q
GSS04	20	100	71	181	171	107.5
GSS05	23	125	80	212	205	130
GSS06	26	150	100	255	250	160
GSS07	33	190	120	305	310	200

	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											H7			
GSS04	25	45	M10	50	6	40	8	28	52.5	162.5	104	75	90	3	M6x12
GSS05	30	45	M10	60	6	45	8	33	64	196.5	118	80	100	4	M8x15
GSS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GSS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GSS04	45	45	90	119	85	14	100	112	141	20	22	9
GSS05	47.5	47.5	95	140	105	17	115	124	169	21	29	11
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

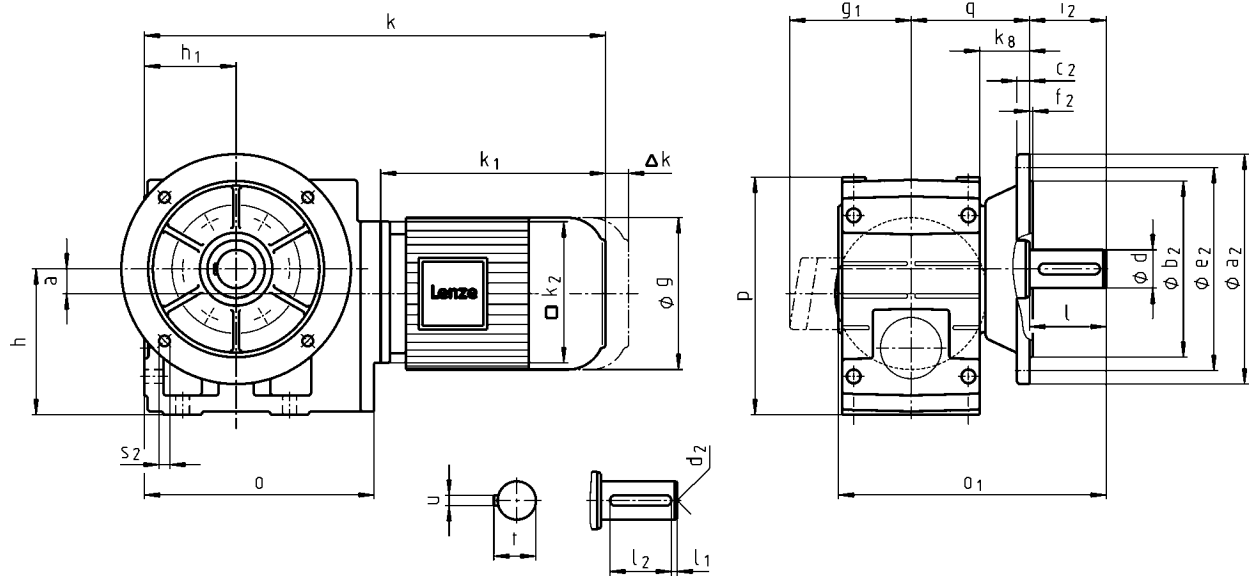
¹⁾ k₂ !

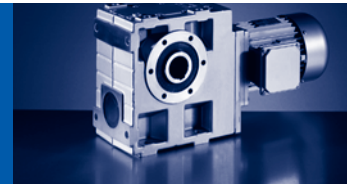


GSS

GSS [mm] - MH□MA (IE2)

GSS□□-2M VAK



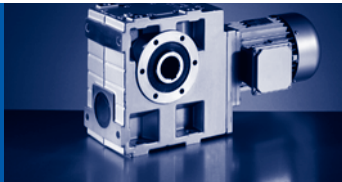


		080C32	090C12 090C32	100C12	100C32	112C22	132C12 132C22	160C22	160C32
g		156	176	194		218	258	310	
g₁	MHEMAXX	145	152	161		171	195	210	
	MHEMABR	132	137	147		158	187	210	
k₁	MHEMAXX	224.5	274	309	324	363	403	457.5	501.5
k₂		145		180		222	265	300	
Δ k	MHEMABR	73	68	76		90	109.5	105	
	MHFMAXX	128		109		102	115	149	
	MHFMABR	183	181	170		183	201.5	179	
k									
GSS04		420	479						
GSS05		441	501	536	551				
GSS06		481	541	576	591	636	684		
GSS07		524	584	619	634	679	727	786	830

	a	h ¹⁾	h ₁	k ₈	o	p ¹⁾	q
GSS04	20	100	71	41	181	171	91
GSS05	23	125	80	40	212	205	103.5
GSS06	26	150	100	49	255	250	121.5
GSS07	33	190	120	65.5	305	310	155.5

	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				
GSS04	25	M10	50	6	40	8	28	50	195.5	160	110	10	130	3.5	4 x 9
GSS05	30	M10	60	6	45	8	33	60	229.5	200	130	12	165	4	4 x 11
GSS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GSS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14

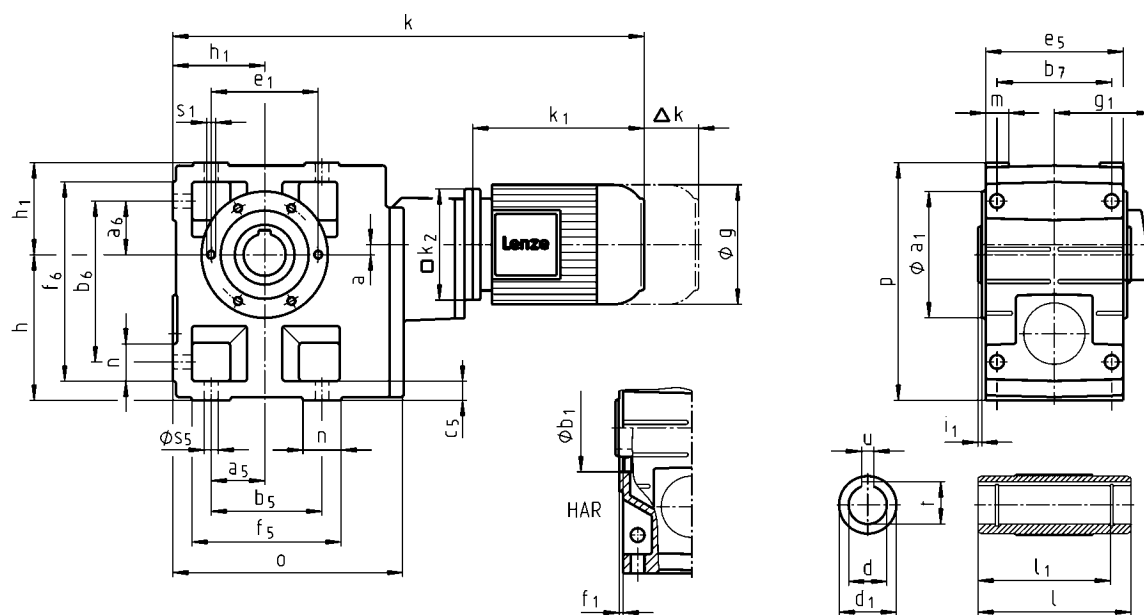
¹⁾ k₂ !

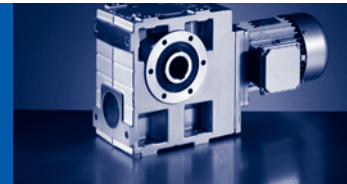


GSS

GSS [mm] - MH□MA (IE2)

GSS□□-3M H□R



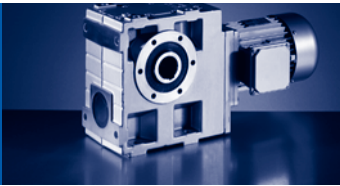


		080C32	090C12	090C32	100C12
g		156	176	194	
g₁	MHEMAXX	145	152	161	
	MHEMABR	132	137	147	
k₁	MHEMAXX	224.5	274	309	
k₂		145	180		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMA BR	183	181	170	
		k			
GSS06		575	634		
GSS07		629	688		723

	a	h	h ₁	o	p
GSS06	10	150	100	252	250
GSS07	12	190	120	299	310

	d	d ₁	l	l ₁	u	t	i ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	H7				JS9	+0,2			H7			
GSS06	40	65	160	140	12	43.3	5	140	100	120	4	M10x16
	45	65	160	140	14	48.8	5					
GSS07	50	75	200	175	14	53.8	5	165	115	140	5	M12x18
	55	75	200	175	16	59.3	5					

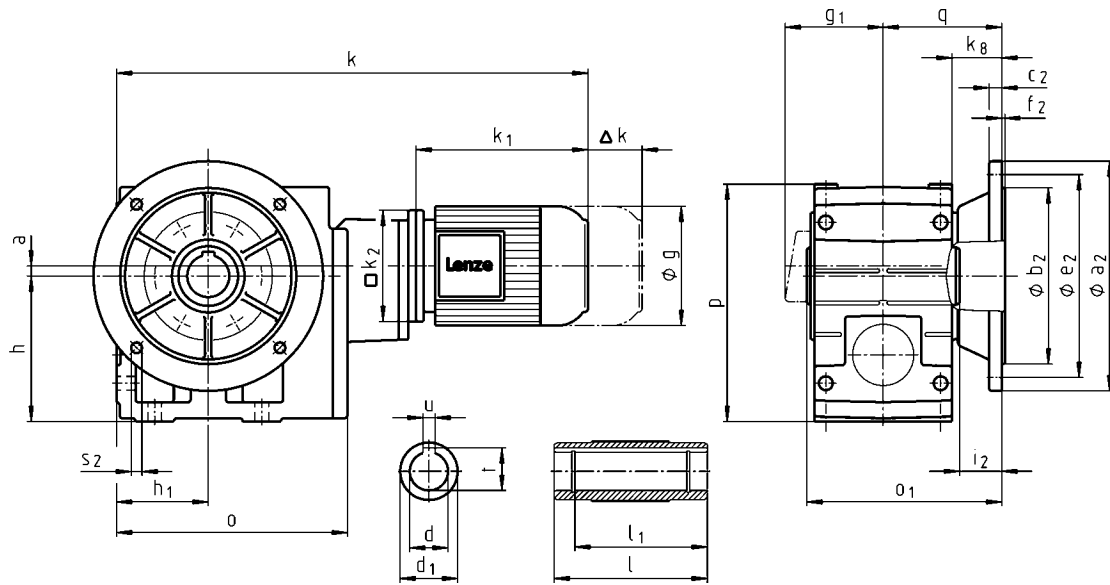
	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

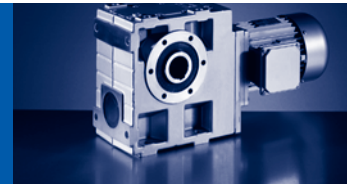


GSS

GSS [mm] - MH□MA (IE2)

GSS□□-3M HAK

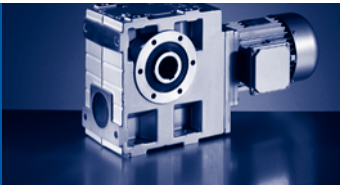




		080C32	090C12	090C32	100C12
g		156	176	194	
g₁	MHEMAXX	145	152	161	
	MHEMABR	132	137	147	
k₁	MHEMAXX	224.5	274	309	
k₂		145	180		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
			k		
GSS06		575	634		
GSS07		629	688		723

	a	h	h ₁	k ₈	o	p	q
GSS06	10	150	100	49	252	250	121.5
GSS07	12	190	120	65.5	299	310	155.5

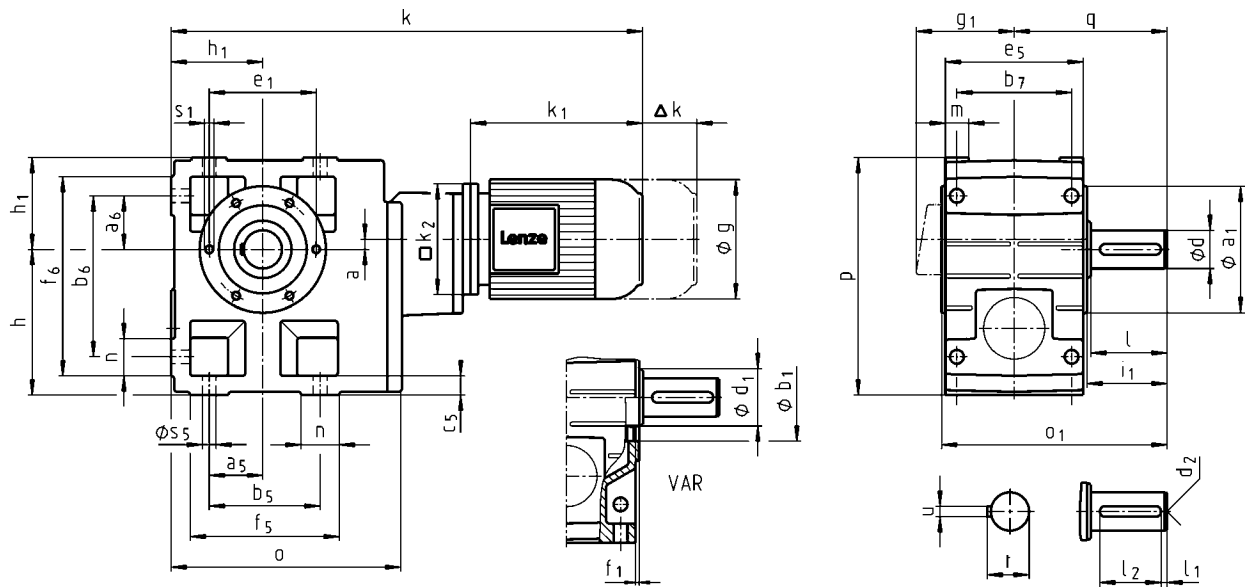
	d	d ₁	l	l ₁	u	t	i ₂	o ₁	a ₂	b ₂	c ₂	e ₂	f ₂	s ₂
	H7				JS9	+0,2				j7				
GSS06	40	65	160	140	12	43.3	42	201.5	200	130	12	165	3.5	4 x 11
	45	65	160	140	14	48.8	41	201.5	250	180	15	215	4	4 x 14
GSS07	50	75	200	175	14	53.8	55	255.5	250	180	15	215	4	4 x 14
	55	75	200	175	16	59.3	55	255.5	300	230	17	265	4	4 x 14

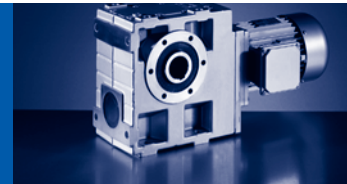


GSS

GSS [mm] - MH□MA (IE2)

GSS□□-3M V□R



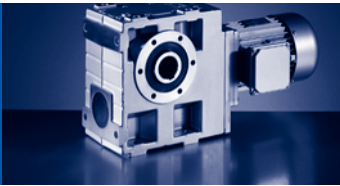


		080C32	090C12	090C32	100C12
g		156	176	194	
g₁	MHEMAXX	145	152	161	
	MHEMABR	132	137	147	
k₁	MHEMAXX	224.5	274	309	
k₂		145	180		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
		k			
GSS06		575	634		
GSS07		629	688		723

	a	h	h ₁	o	p	q
GSS06	10	150	100	252	250	160
GSS07	12	190	120	299	310	200

	d	d ₁	d ₂	l	l ₁	l ₂	u	t	i ₁	o ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	k6											H7			
GSS06	40	65	M16	80	7	63	12	43	85	235.5	140	100	120	4	M10x16
GSS07	50	75	M16	100	8	80	14	53.5	105	295.5	165	115	140	5	M12x18

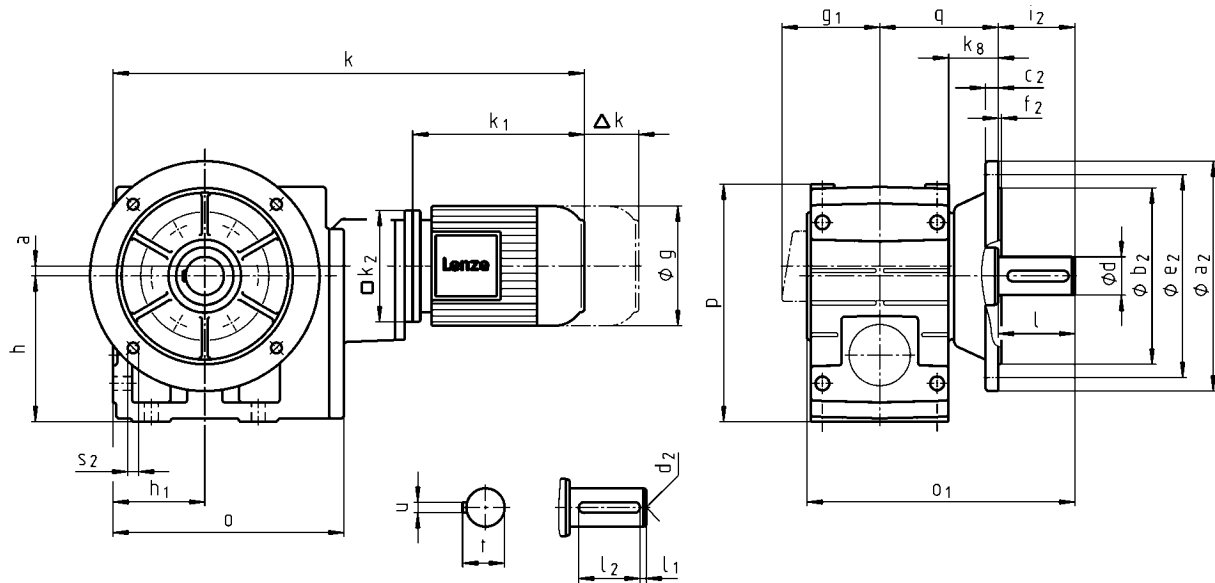
	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GSS06	60	60	120	170	120	20	145	156	206	23	36	14
GSS07	70	70	140	210	150	25	180	185	255	28	45	18

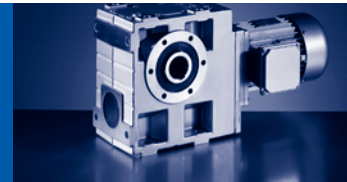


GSS

GSS [mm] - MH□MA (IE2)

GSS□□-3M VAK

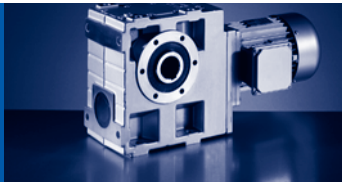




		080C32	090C12	090C32	100C12
g		156	176	194	
g₁	MHEMAXX	145	152	161	
	MHEMABR	132	137	147	
k₁	MHEMAXX	224.5	274	309	
k₂		145	180		
Δ k	MHEMABR	73	68	76	
	MHFMAXX	128		109	
	MHFMABR	183	181	170	
			k		
GSS06		575	634		
GSS07		629	688		723

	a	h	h ₁	k ₈	o	p	q
GSS06	10	150	100	49	252	250	121.5
GSS07	12	190	120	65.5	299	310	155.5

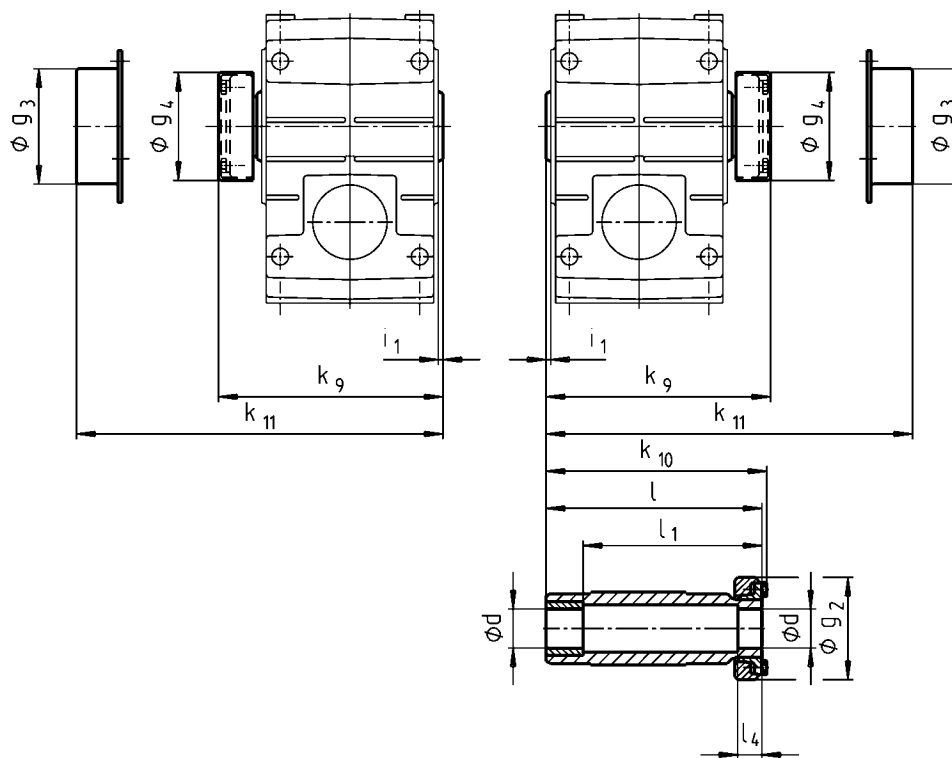
	d	d ₂	l	l ₁	l ₂	u	t	i ₂	o ₁	a ₂	b ₂	c ₂	e ₂	f ₂	s ₂
	k6										j7				
GSS06	40	M16	80	7	63	12	43	80	276.5	250	180	15	215	4	4 x 14
GSS07	50	M16	100	8	80	14	53.5	100	350.5	250 300	180 230	15 17	215 265	4 4	4 x 14 4 x 14



GSS

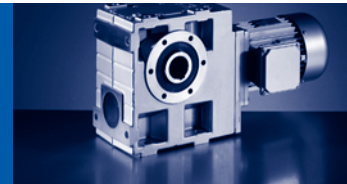
GSS & [mm] - Additional dimensions

Hollow shaft with shrink disc

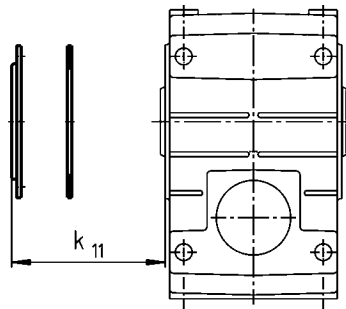


	d	g ₂	g ₃	g ₄	i ₁	k ₉	k ₁₀	k ₁₁	l	l ₁	l ₄
	h6										
GSS04	25 30	72	79	76	2.5	150	148	154	142	122	26
GSS05	35	80	90	84	4.0	176	174	179	168	148	28
GSS06	40	90	100	94	5.0	202	200	204	194	164	30
GSS07	50	110	124	116		241	238	244	232	192	26

- ▶ 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).



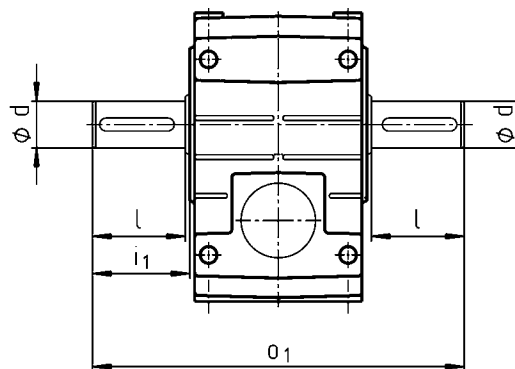
Hoseproof hollow shaft cover



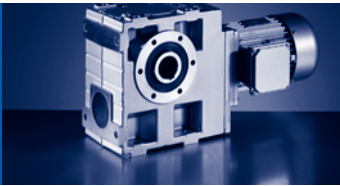
► Cover including gasket

	k_{11}
	[mm]
GSS04	9
GSS05	10
GSS06	
GSS07	11

Gearbox with 2nd output shaft end



	d	l	i_1	o_1
	k_6			
	[mm]	[mm]	[mm]	[mm]
GSS04	25	50	52.5	215
GSS05	30	60	64.0	260
GSS06	40	80	85.0	320
GSS07	50	100	105.0	400

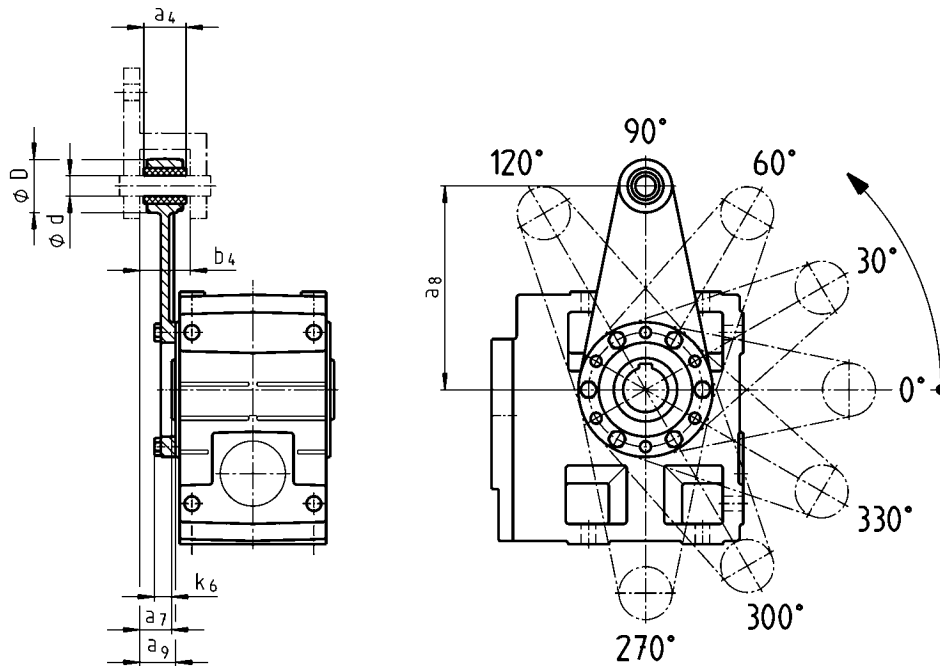


GSS

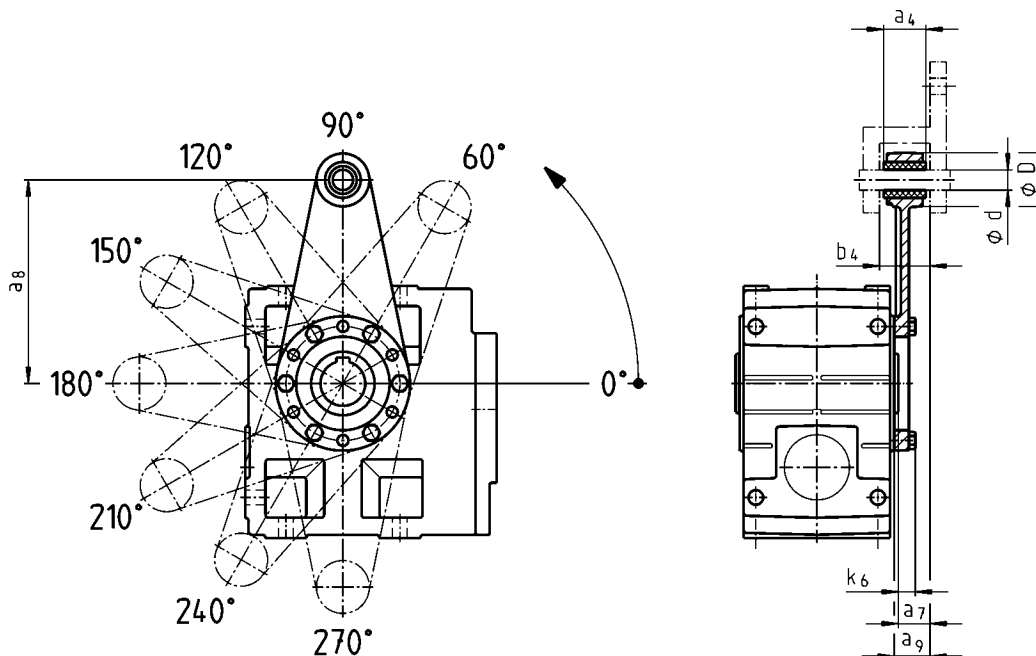
GSS & [mm] - Additional dimensions

Torque plate on threaded pitch circle

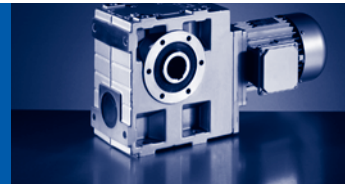
In position 3



In position 5

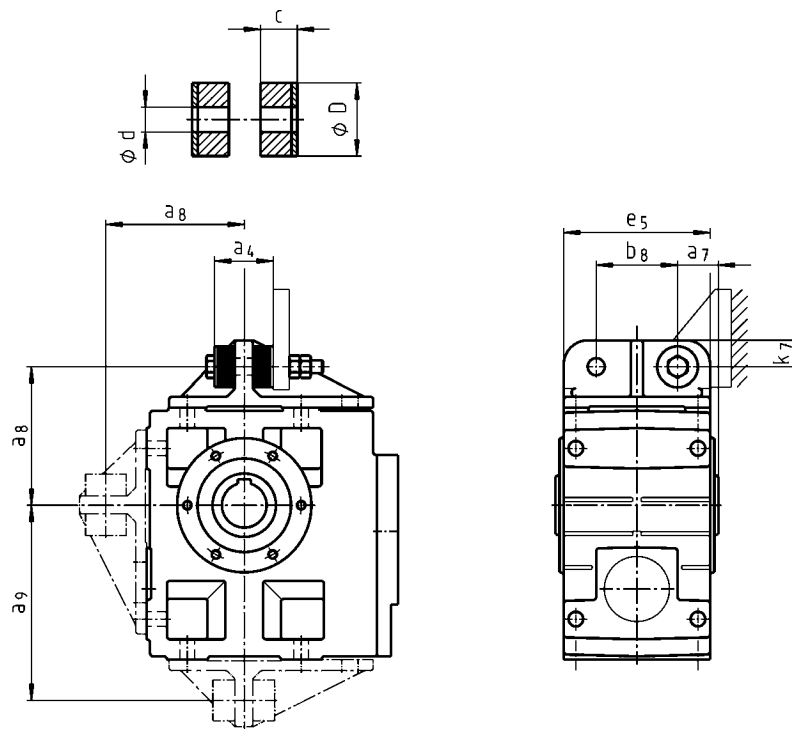


	a_4	a_7	a_8	a_9	b_4	d	D	k_6
GSS04	30	24.0	130	26.5	34.5	12	35	16
GSS05	34	23.5	160	27.5	38.5	16	45	15
GSS06	40	28.0	200	33.0	44.5	20	50	18
GSS07	46	32.5	250	37.5	50.5	25	65	21

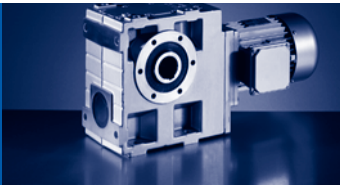


Torque plate at housing foot

In position 2, 4 or 6



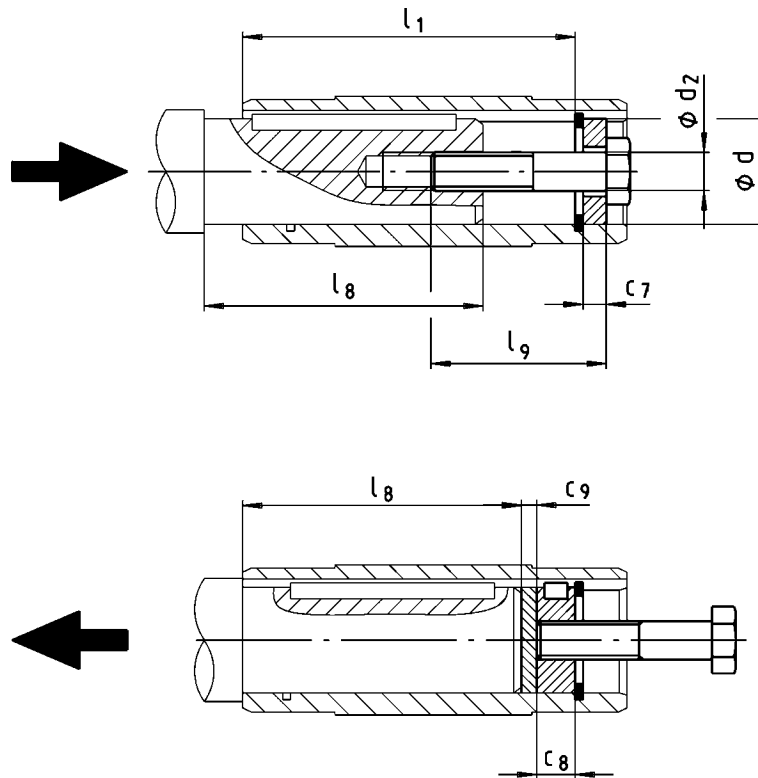
	a_4	a_7	a_8	a_9	b_8	c	d	D	e_5	k_7
GSS04	41	27.5	106	135.0	60	14.5	11	30	100	20
GSS05	45	35.0	115	160.0	70	15.0	13	40	127	25
GSS06	72	40.0	145	195.0	80	27.0	17	50	145	28
GSS07	78	50.0	170	240.0	100	28.0	21	60	180	35



GSS

GSS & [mm] - Additional dimensions

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



	d	l ₁	d ₂	l ₉	c ₇	c ₈	c ₉	l _{8, max}
	H7							
GSS04	25	100	M10	40	5	10	3	85
	30				6			
GSS05	30	124	M12	50	7	12	4	107
	35				8			
GSS06	40	140	M16	60	9	16	5	118
	45				10			
GSS07	50	175	M20	80	11	20	5	148
	55				11			