



Permissible radial and axial forces at output

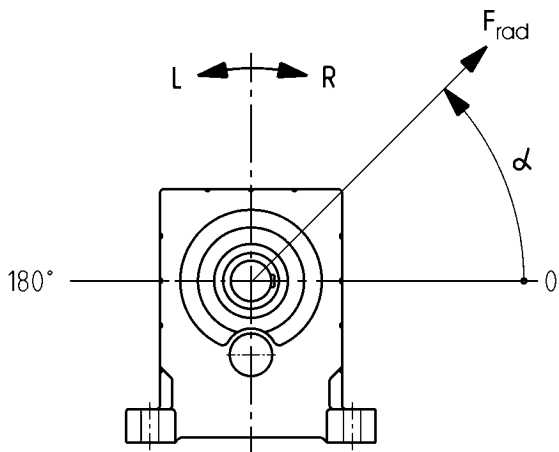
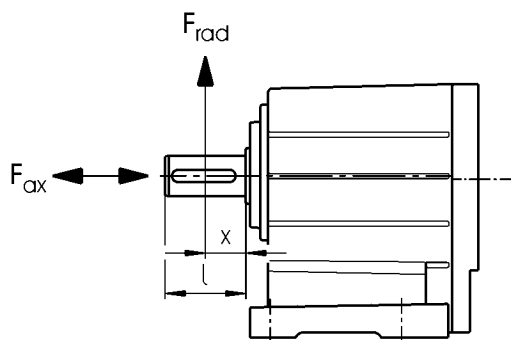
Permissible radial force

$$F_{rad,per} = \min(f_w \times f_\alpha \times F_{rad,max} ; f_w \times F_{rad,max} \text{ at } n_2 \leq 50 \text{ r/min})$$

Permissible axial force

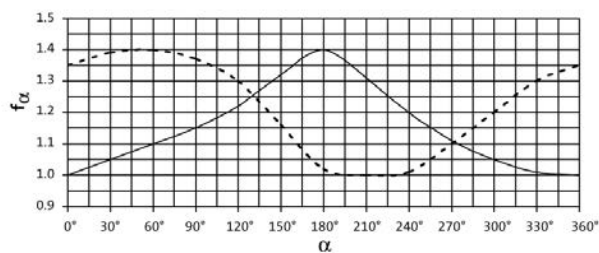
$$F_{ax,per} = F_{ax,max} \text{ if } F_{rad} = 0$$

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

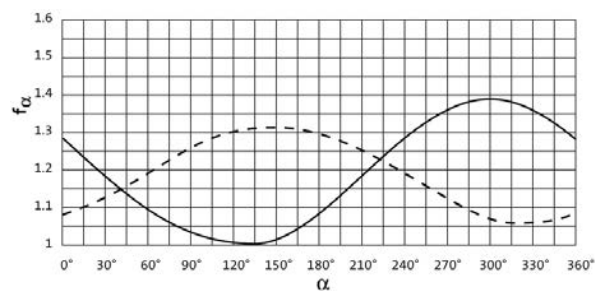


Effective direction factor f_α at output shaft

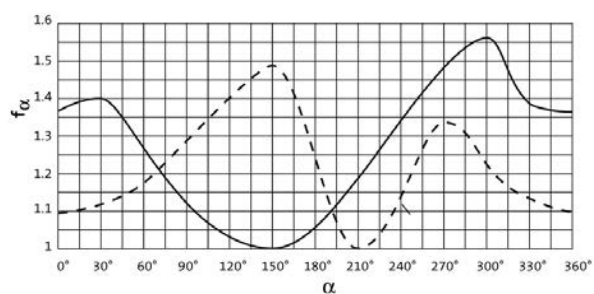
GST03-2



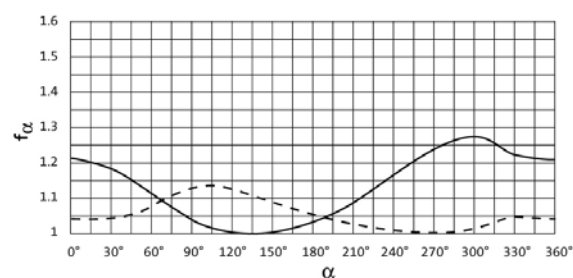
GST04...09-1



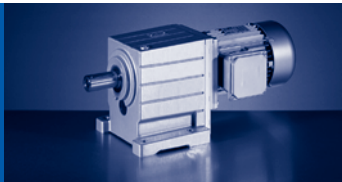
GST04...09-2, 3



GST11...14-2, 3



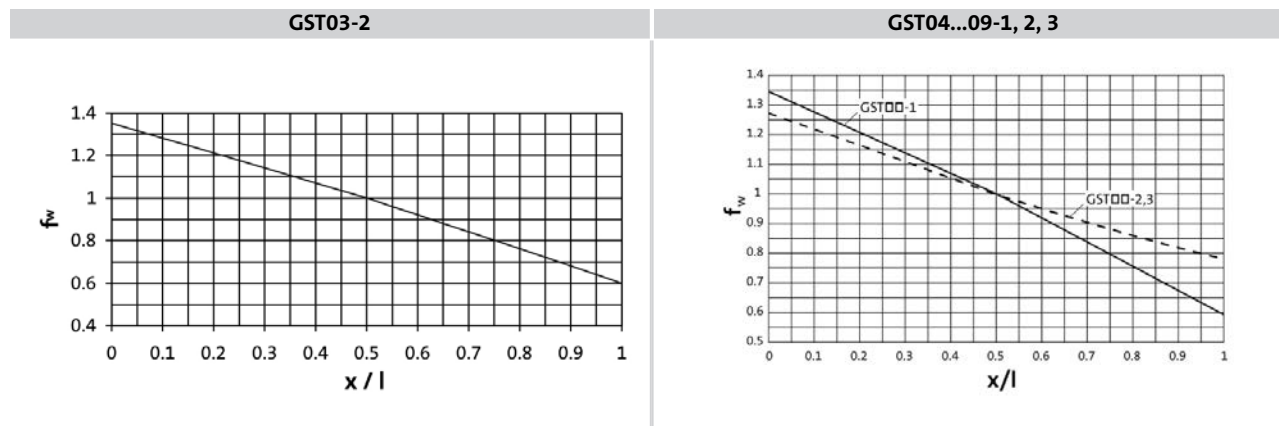
—— Direction of rotation R
- - - Direction of rotation L



GST

GST [N] - forces

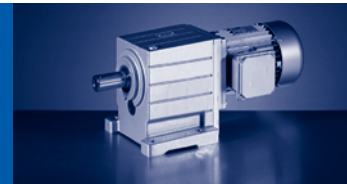
Additional load factor f_w at output shaft



GST□□-1

Size	n_2 [r/min]								
Gearbox	2500	1600	1000	600	400	200	125	80	≤50
Max. radial force, Solid 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]
GST04	100	180	440	600	850	1050	1050	1050	1050
GST05	100	250	550	750	1400	2000	2300	2300	2300
GST06	200	600	800	800	1100	2200	2900	3500	3500
GST07	700	1000	1200	1300	1900	3000	3900	4700	5300
GST09	1750	2200	2500	2500	3500	6200	7900	9000	9500
Max. axial force, Solid 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]
GST04	600	800	1000	1300	1400	1400	1400	1400	1400
GST05	800	1100	1400	2000	2000	2000	2000	2000	2000
GST06	900	1200	1500	2000	2500	2500	2500	2500	2500
GST07	1200	1600	2000	2700	3300	3700	3700	3700	3700
GST09	2500	3400	4300	5700	6800	7000	7000	7000	7000

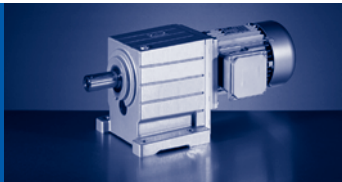
- ▶ Application of force F_{rad} : centre of shaft journal ($x = l/2$)
- ▶ $F_{ax,max}$ only valid with $F_{rad} = 0$



GST□□-2 / 3 with standard bearings

Size	n_2 [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
Max. radial force, Solid shaft										
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GST03	100	300	630	710	800	920	1100	1400	1500	1500
GST04	730	950	1250	1450	1700	2100	2500	2650	2650	2650
GST05	1150	1500	1950	2200	2600	3000	3500	3800	3900	3900
GST06	140	750	2350	2600	3100	3600	4300	4350	4350	4350
GST07	140	2050	3400	3800	4500	5400	6400	7600	9100	9500
GST09	1500	1950	6800	7600	9400	11500	11500	11500	11500	11500
GST11	11500	14400	17000	19000	21000	21000	21000	21000	21000	21000
GST14	16600	20700	24000	27000	31000	36000	39000	40000	40000	40000
Max. axial force, Solid shaft										
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GST03	300	400	600	700	800	900	1000	1000	1000	1000
GST04	600	800	1100	1300	1650	2000	2000	2000	2000	2000
GST05	1200	1600	2000	2300	2650	3100	3600	3600	3600	3600
GST06	500	600	850	900	1250	1800	2600	3600	4800	4800
GST07	1100	1500	1900	2200	2900	3900	5300	7000	7000	7000
GST09	1300	1800	2300	2800	4000	5600	8100	11000	12000	12000
GST11	5700	7600	9500	10000	11000	14000	16000	16000	16000	16000
GST14	9000	12000	15000	16000	18000	20000	20000	20000	20000	20000

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



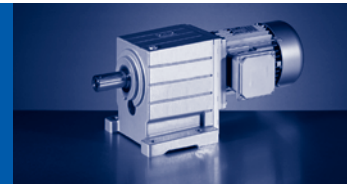
GST

GST [N] - forces

GST□□-2 / 3 with reinforced bearing

Size	n_2 [r/min]									
Gearbox	1000	630	400	250	160	100	63	40	25	≤16
Max. radial force, Solid shaft (reinforced bearings))										
	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$	$F_{rad,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GST04	1900	2350	2850	3150	3550	3750	3750	3750	3750	3750
GST05	3350	3950	4900	5400	5400	5400	5400	5400	5400	5400
GST06	4250	5100	6300	7000	7700	7700	7700	7700	7700	7700
GST07	5650	6850	8500	9500	10500	12500	13000	13000	13000	13000
GST09	11300	14000	16500	17000	17000	17000	17000	17000	17000	17000
Max. axial force, Solid shaft (reinforced bearings))										
	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$	$F_{ax,max}$
	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
GST04	1000	1300	1700	1900	2200	2500	2500	2500	2500	2500
GST05	2100	2800	3600	3900	4300	4500	4500	4500	4500	4500
GST06	2100	2800	3500	3600	4200	4900	5700	5700	5700	5700
GST07	3300	4400	5500	6100	7100	8300	9000	9000	9000	9000
GST09	4800	6400	8000	9000	10500	12500	14000	14000	14000	14000

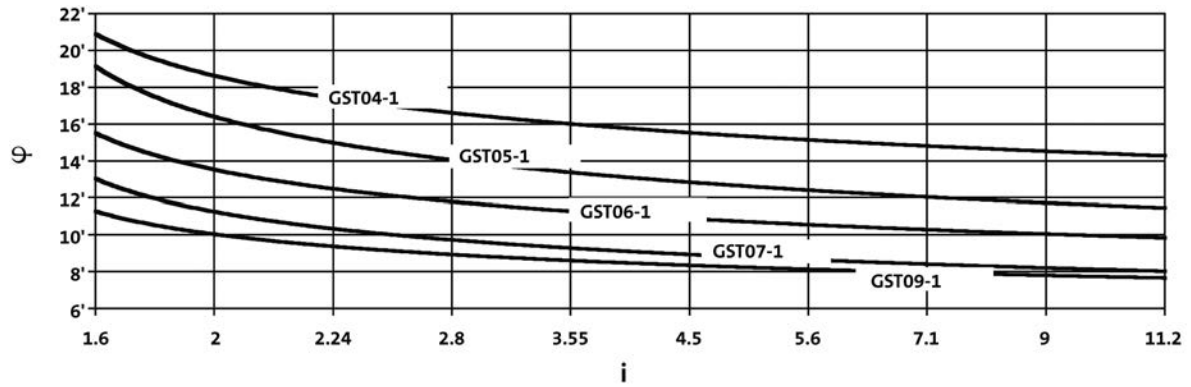
- ▶ Application of force F_{rad} : centre of shaft journal ($x = l/2$)
- ▶ $F_{ax,max}$ only valid with $F_{rad} = 0$



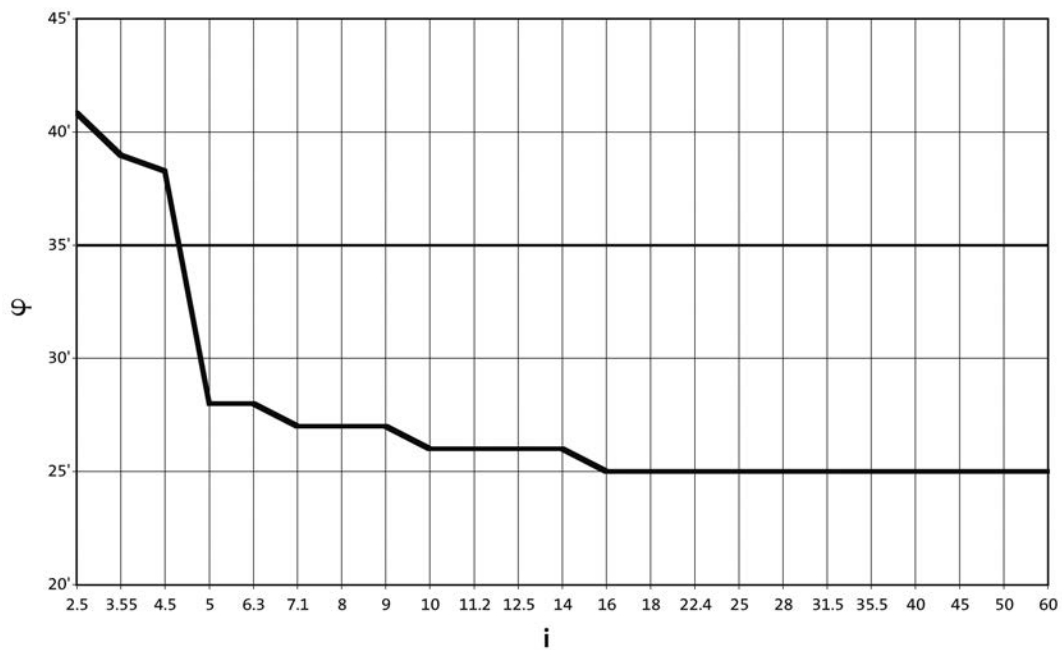
Output backlash in angular minutes

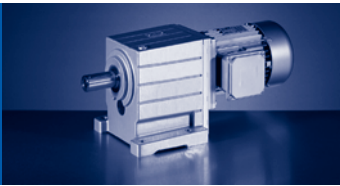
- Backlash φ depending on ratio i

GST04...09-1



GST03-2



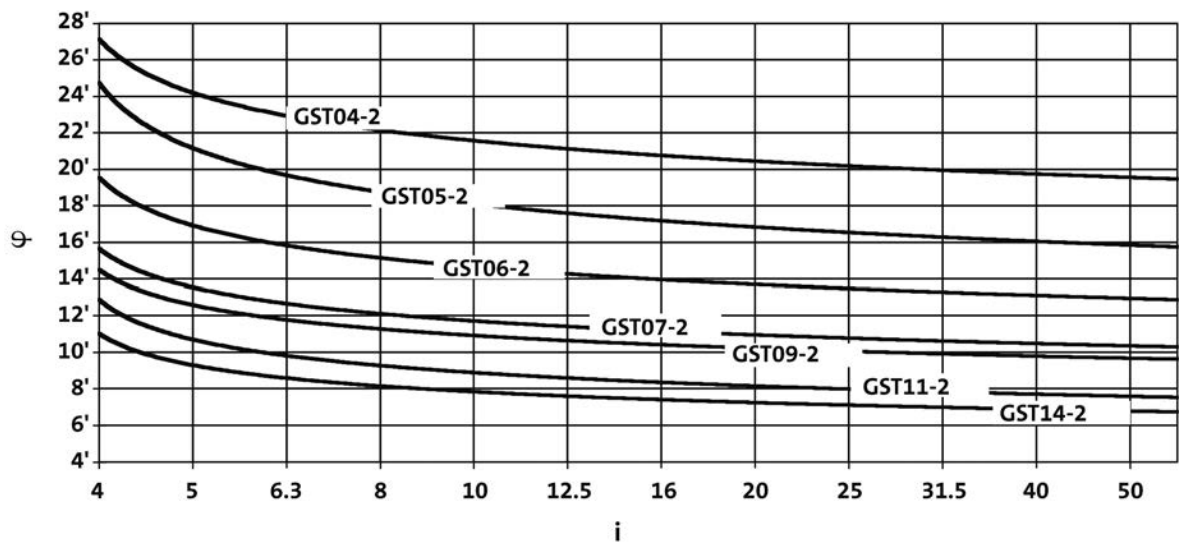


GST

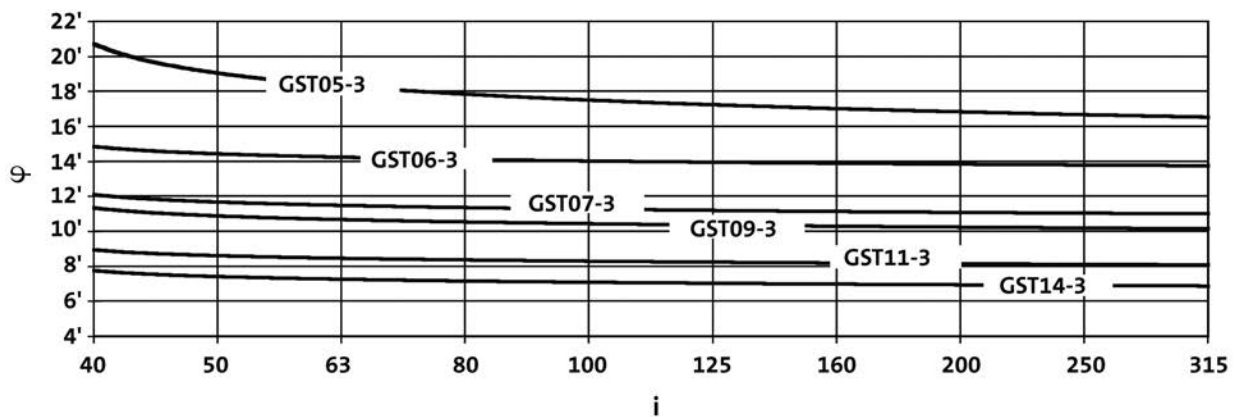
GST ['] - backlash

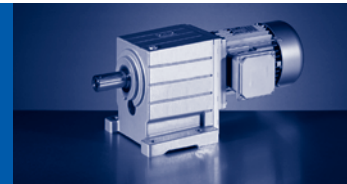
- ▶ Backlash φ depending on ratio i

GST04...14-2



GST05...14-3





GST□□-1

- Moment of inertia (J) depending on ratio i

Gearbox			GST04
1.600	J	[kgcm ²]	0.267
2.048	J	[kgcm ²]	0.194
2.240	J	[kgcm ²]	0.172
2.857	J	[kgcm ²]	0.126
3.500	J	[kgcm ²]	0.099
4.400	J	[kgcm ²]	0.067
5.667	J	[kgcm ²]	0.047
7.182	J	[kgcm ²]	0.031
9.000	J	[kgcm ²]	0.022
11.857	J	[kgcm ²]	0.013

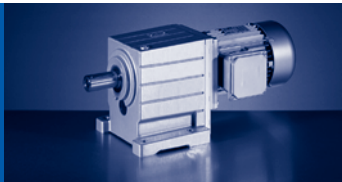
Gearbox			GST06
1.600	J	[kgcm ²]	2.010
2.048	J	[kgcm ²]	1.460
2.240	J	[kgcm ²]	1.270
2.857	J	[kgcm ²]	0.969
3.500	J	[kgcm ²]	0.736
4.556	J	[kgcm ²]	0.481
5.667	J	[kgcm ²]	0.359
7.333	J	[kgcm ²]	0.226
8.900	J	[kgcm ²]	0.167
11.250	J	[kgcm ²]	0.109

Gearbox			GST09
1.560	J	[kgcm ²]	22.200
2.048	J	[kgcm ²]	15.600
2.333	J	[kgcm ²]	12.200
2.810	J	[kgcm ²]	9.580
3.444	J	[kgcm ²]	7.300
4.667	J	[kgcm ²]	4.600
5.667	J	[kgcm ²]	3.510
7.333	J	[kgcm ²]	2.260
8.900	J	[kgcm ²]	1.660
11.250	J	[kgcm ²]	1.110

Gearbox			GST05
1.600	J	[kgcm ²]	0.760
2.048	J	[kgcm ²]	0.549
2.240	J	[kgcm ²]	0.480
2.857	J	[kgcm ²]	0.354
3.500	J	[kgcm ²]	0.272
4.556	J	[kgcm ²]	0.175
5.667	J	[kgcm ²]	0.129
7.333	J	[kgcm ²]	0.062
8.900	J	[kgcm ²]	0.060
11.375	J	[kgcm ²]	0.039

Gearbox			GST07
1.625	J	[kgcm ²]	6.120
2.000	J	[kgcm ²]	4.780
2.240	J	[kgcm ²]	4.020
2.857	J	[kgcm ²]	2.690
3.500	J	[kgcm ²]	2.150
4.556	J	[kgcm ²]	1.370
5.583	J	[kgcm ²]	1.050
7.333	J	[kgcm ²]	0.664
8.900	J	[kgcm ²]	0.494
11.250	J	[kgcm ²]	0.320

- 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.



GST

GST [kgcm²] - moments of inertia

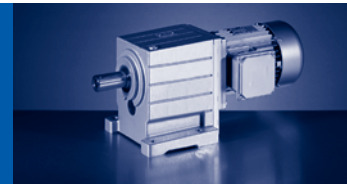
GST□□-2

- Moment of inertia (J) depending on ratio i

Gearbox			GST03
2.597	J	[kgcm ²]	0.260
3.413	J	[kgcm ²]	0.169
4.368	J	[kgcm ²]	0.117
5.312	J	[kgcm ²]	0.179
5.965	J	[kgcm ²]	0.173
6.982	J	[kgcm ²]	0.122
7.840	J	[kgcm ²]	0.119
8.935	J	[kgcm ²]	0.089
10.033	J	[kgcm ²]	0.086
11.429	J	[kgcm ²]	0.059
12.833	J	[kgcm ²]	0.057
14.836	J	[kgcm ²]	0.041
16.660	J	[kgcm ²]	0.040
19.013	J	[kgcm ²]	0.028
21.350	J	[kgcm ²]	0.027
24.595	J	[kgcm ²]	0.019
27.618	J	[kgcm ²]	0.019
32.000	J	[kgcm ²]	0.012
35.933	J	[kgcm ²]	0.012
41.455	J	[kgcm ²]	0.008
46.550	J	[kgcm ²]	0.008
52.909	J	[kgcm ²]	0.005
59.413	J	[kgcm ²]	0.005

Gearbox			GST04
2.956	J	[kgcm ²]	0.337
3.333	J	[kgcm ²]	0.324
4.053	J	[kgcm ²]	0.312
4.571	J	[kgcm ²]	0.300
5.187	J	[kgcm ²]	0.222
5.850	J	[kgcm ²]	0.215
6.400	J	[kgcm ²]	0.189
7.040	J	[kgcm ²]	0.264
8.000	J	[kgcm ²]	0.257
9.010	J	[kgcm ²]	0.193
9.856	J	[kgcm ²]	0.170
11.200	J	[kgcm ²]	0.166
12.571	J	[kgcm ²]	0.126
14.286	J	[kgcm ²]	0.123
15.400	J	[kgcm ²]	0.098
17.500	J	[kgcm ²]	0.097
19.360	J	[kgcm ²]	0.063
22.000	J	[kgcm ²]	0.062
24.933	J	[kgcm ²]	0.044
28.333	J	[kgcm ²]	0.043
31.600	J	[kgcm ²]	0.030
35.909	J	[kgcm ²]	0.030
39.600	J	[kgcm ²]	0.021
45.000	J	[kgcm ²]	0.021
52.171	J	[kgcm ²]	0.013
59.286	J	[kgcm ²]	0.013

- 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.

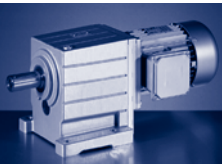


► Moment of inertia (J) depending on ratio i

Gearbox			GST05
2.956	J	[kgcm ²]	0.986
3.333	J	[kgcm ²]	0.944
4.053	J	[kgcm ²]	0.903
4.571	J	[kgcm ²]	0.864
5.187	J	[kgcm ²]	0.637
5.850	J	[kgcm ²]	0.613
6.400	J	[kgcm ²]	0.533
7.238	J	[kgcm ²]	0.400
8.163	J	[kgcm ²]	0.388
9.010	J	[kgcm ²]	0.543
10.000	J	[kgcm ²]	0.300
11.200	J	[kgcm ²]	0.462
13.016	J	[kgcm ²]	0.178
14.356	J	[kgcm ²]	0.131
16.190	J	[kgcm ²]	0.128
17.500	J	[kgcm ²]	0.271
20.044	J	[kgcm ²]	0.164
22.778	J	[kgcm ²]	0.161
24.933	J	[kgcm ²]	0.119
28.333	J	[kgcm ²]	0.117
32.267	J	[kgcm ²]	0.079
36.667	J	[kgcm ²]	0.078
39.160	J	[kgcm ²]	0.058
44.500	J	[kgcm ²]	0.057
50.050	J	[kgcm ²]	0.039
56.875	J	[kgcm ²]	0.038

Gearbox			GST06
3.033	J	[kgcm ²]	2.720
3.333	J	[kgcm ²]	2.610
4.160	J	[kgcm ²]	2.510
4.571	J	[kgcm ²]	2.410
5.324	J	[kgcm ²]	1.760
5.850	J	[kgcm ²]	1.710
6.400	J	[kgcm ²]	1.470
7.040	J	[kgcm ²]	2.070
8.163	J	[kgcm ²]	1.060
9.010	J	[kgcm ²]	1.500
10.000	J	[kgcm ²]	0.820
11.200	J	[kgcm ²]	1.260
12.571	J	[kgcm ²]	0.955
14.286	J	[kgcm ²]	0.932
15.400	J	[kgcm ²]	0.748
17.500	J	[kgcm ²]	0.733
20.044	J	[kgcm ²]	0.457
22.778	J	[kgcm ²]	0.450
24.933	J	[kgcm ²]	0.332
28.333	J	[kgcm ²]	0.326
32.267	J	[kgcm ²]	0.221
36.667	J	[kgcm ²]	0.218
39.160	J	[kgcm ²]	0.162
44.500	J	[kgcm ²]	0.160
49.500	J	[kgcm ²]	0.110
56.250	J	[kgcm ²]	0.108

- 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.



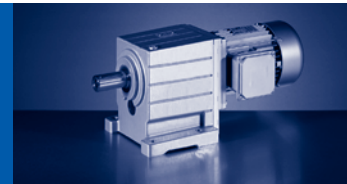
GST

GST [kgcm²] - moments of inertia

► Moment of inertia (J) depending on ratio i

Gearbox			GST07	Gearbox			GST09
3.048	J	[kgcm ²]	8.200	4.056	J	[kgcm ²]	27.000
3.350	J	[kgcm ²]	7.920	4.457	J	[kgcm ²]	25.900
4.225	J	[kgcm ²]	7.650	5.324	J	[kgcm ²]	18.100
4.643	J	[kgcm ²]	7.390	5.850	J	[kgcm ²]	17.500
5.200	J	[kgcm ²]	5.640	6.667	J	[kgcm ²]	14.200
5.714	J	[kgcm ²]	5.460	7.305	J	[kgcm ²]	11.300
6.400	J	[kgcm ²]	4.490	8.027	J	[kgcm ²]	11.000
7.150	J	[kgcm ²]	6.270	9.010	J	[kgcm ²]	15.200
8.125	J	[kgcm ²]	6.040	10.267	J	[kgcm ²]	12.400
8.800	J	[kgcm ²]	4.730	11.667	J	[kgcm ²]	12.100
9.856	J	[kgcm ²]	3.900	12.362	J	[kgcm ²]	9.790
11.200	J	[kgcm ²]	3.780	14.048	J	[kgcm ²]	9.530
12.571	J	[kgcm ²]	2.860	15.156	J	[kgcm ²]	7.650
14.286	J	[kgcm ²]	2.790	17.222	J	[kgcm ²]	7.490
15.400	J	[kgcm ²]	2.260	20.533	J	[kgcm ²]	4.500
17.500	J	[kgcm ²]	2.210	23.333	J	[kgcm ²]	4.410
20.044	J	[kgcm ²]	1.380	24.933	J	[kgcm ²]	3.380
22.778	J	[kgcm ²]	1.350	28.333	J	[kgcm ²]	3.320
24.567	J	[kgcm ²]	1.020	32.267	J	[kgcm ²]	2.250
27.917	J	[kgcm ²]	1.010	36.667	J	[kgcm ²]	2.210
32.267	J	[kgcm ²]	0.664	39.160	J	[kgcm ²]	1.640
36.667	J	[kgcm ²]	0.653	44.500	J	[kgcm ²]	1.620
39.160	J	[kgcm ²]	0.487	49.500	J	[kgcm ²]	1.120
44.500	J	[kgcm ²]	0.479	56.250	J	[kgcm ²]	1.100
49.500	J	[kgcm ²]	0.330				
56.250	J	[kgcm ²]	0.325				

- 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.

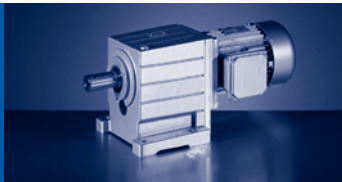


► Moment of inertia (J) depending on ratio i

Gearbox			GST11
4.056	J	[kgcm ²]	82.200
4.457	J	[kgcm ²]	79.000
5.324	J	[kgcm ²]	55.400
5.850	J	[kgcm ²]	53.500
6.400	J	[kgcm ²]	45.700
6.864	J	[kgcm ²]	67.500
7.800	J	[kgcm ²]	65.100
9.010	J	[kgcm ²]	46.800
9.856	J	[kgcm ²]	40.200
11.200	J	[kgcm ²]	39.000
12.571	J	[kgcm ²]	29.400
14.286	J	[kgcm ²]	28.700
15.400	J	[kgcm ²]	23.000
17.500	J	[kgcm ²]	22.500
20.289	J	[kgcm ²]	14.300
23.056	J	[kgcm ²]	14.100
24.933	J	[kgcm ²]	10.600
28.333	J	[kgcm ²]	10.400
32.267	J	[kgcm ²]	7.040
36.667	J	[kgcm ²]	6.930
39.160	J	[kgcm ²]	5.150
44.500	J	[kgcm ²]	5.080
49.500	J	[kgcm ²]	3.520
56.250	J	[kgcm ²]	3.440

Gearbox			GST14
4.225	J	[kgcm ²]	226.000
4.643	J	[kgcm ²]	216.000
5.200	J	[kgcm ²]	168.000
5.714	J	[kgcm ²]	161.000
6.286	J	[kgcm ²]	141.000
7.150	J	[kgcm ²]	183.000
8.027	J	[kgcm ²]	100.000
8.800	J	[kgcm ²]	139.000
9.841	J	[kgcm ²]	75.100
11.000	J	[kgcm ²]	119.000
12.362	J	[kgcm ²]	89.000
14.048	J	[kgcm ²]	86.600
15.156	J	[kgcm ²]	67.600
17.222	J	[kgcm ²]	66.000
20.044	J	[kgcm ²]	45.800
22.778	J	[kgcm ²]	44.900
24.567	J	[kgcm ²]	33.200
27.917	J	[kgcm ²]	32.600
32.267	J	[kgcm ²]	21.500
36.667	J	[kgcm ²]	21.200
39.160	J	[kgcm ²]	15.700
44.500	J	[kgcm ²]	15.500
49.500	J	[kgcm ²]	10.600
56.250	J	[kgcm ²]	10.500

- 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.



GST

GST [kgcm²] - moments of inertia

GST□□-3

- Moment of inertia (J) depending on ratio i

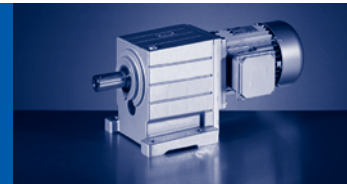
Gearbox			GST05
36.267	J	[kgcm ²]	0.195
46.259	J	[kgcm ²]	0.141
56.667	J	[kgcm ²]	0.108
63.467	J	[kgcm ²]	0.192
71.238	J	[kgcm ²]	0.073
80.952	J	[kgcm ²]	0.139
91.746	J	[kgcm ²]	0.050
99.167	J	[kgcm ²]	0.107
116.277	J	[kgcm ²]	0.033
124.667	J	[kgcm ²]	0.072
145.714	J	[kgcm ²]	0.023
160.556	J	[kgcm ²]	0.050
179.067	J	[kgcm ²]	0.033
191.973	J	[kgcm ²]	0.014
224.400	J	[kgcm ²]	0.023
255.000	J	[kgcm ²]	0.023
295.638	J	[kgcm ²]	0.014
335.952	J	[kgcm ²]	0.014

Gearbox			GST06
39.200	J	[kgcm ²]	0.362
44.000	J	[kgcm ²]	0.195
51.022	J	[kgcm ²]	0.320
53.900	J	[kgcm ²]	0.178
67.760	J	[kgcm ²]	0.114
70.156	J	[kgcm ²]	0.160
80.952	J	[kgcm ²]	0.203
87.267	J	[kgcm ²]	0.150
99.167	J	[kgcm ²]	0.150
109.707	J	[kgcm ²]	0.096
124.667	J	[kgcm ²]	0.096
141.289	J	[kgcm ²]	0.063
160.556	J	[kgcm ²]	0.063
179.067	J	[kgcm ²]	0.043
203.485	J	[kgcm ²]	0.042
231.733	J	[kgcm ²]	0.040
255.000	J	[kgcm ²]	0.029
290.400	J	[kgcm ²]	0.027
330.000	J	[kgcm ²]	0.027
382.590	J	[kgcm ²]	0.026
434.762	J	[kgcm ²]	0.025

Gearbox			GST07
39.200	J	[kgcm ²]	0.974
44.000	J	[kgcm ²]	0.534
51.022	J	[kgcm ²]	0.843
53.900	J	[kgcm ²]	0.484
65.079	J	[kgcm ²]	0.313
70.156	J	[kgcm ²]	0.431
79.762	J	[kgcm ²]	0.536
85.983	J	[kgcm ²]	0.400
97.708	J	[kgcm ²]	0.399
111.915	J	[kgcm ²]	0.238
127.176	J	[kgcm ²]	0.237
139.211	J	[kgcm ²]	0.166
158.194	J	[kgcm ²]	0.166
180.156	J	[kgcm ²]	0.108
204.722	J	[kgcm ²]	0.107
236.622	J	[kgcm ²]	0.101
248.458	J	[kgcm ²]	0.077
268.889	J	[kgcm ²]	0.101
326.333	J	[kgcm ²]	0.073
367.033	J	[kgcm ²]	0.094
417.083	J	[kgcm ²]	0.067

Gearbox			GST09
40.136	J	[kgcm ²]	2.140
43.267	J	[kgcm ²]	1.550
49.167	J	[kgcm ²]	1.530
53.044	J	[kgcm ²]	1.380
60.278	J	[kgcm ²]	1.370
71.867	J	[kgcm ²]	1.170
81.667	J	[kgcm ²]	1.160
93.541	J	[kgcm ²]	0.706
99.167	J	[kgcm ²]	1.070
113.585	J	[kgcm ²]	0.652
129.074	J	[kgcm ²]	0.649
141.289	J	[kgcm ²]	0.458
160.556	J	[kgcm ²]	0.456
182.844	J	[kgcm ²]	0.297
207.778	J	[kgcm ²]	0.295
236.622	J	[kgcm ²]	0.275
252.167	J	[kgcm ²]	0.212
268.889	J	[kgcm ²]	0.275
326.333	J	[kgcm ²]	0.198
363.000	J	[kgcm ²]	0.255
412.500	J	[kgcm ²]	0.183

- 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.

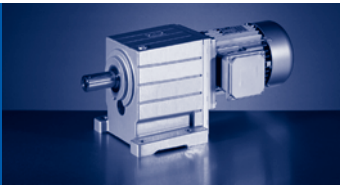


► Moment of inertia (J) depending on ratio i

Gearbox			GST11
40.816	J	[kgcm ²]	6.360
44.000	J	[kgcm ²]	5.660
50.000	J	[kgcm ²]	5.600
57.968	J	[kgcm ²]	4.770
61.250	J	[kgcm ²]	4.080
71.011	J	[kgcm ²]	3.520
80.694	J	[kgcm ²]	3.500
87.267	J	[kgcm ²]	3.220
99.167	J	[kgcm ²]	3.200
112.933	J	[kgcm ²]	2.930
129.074	J	[kgcm ²]	1.940
146.993	J	[kgcm ²]	1.770
158.194	J	[kgcm ²]	1.400
180.156	J	[kgcm ²]	1.290
207.778	J	[kgcm ²]	0.880
236.622	J	[kgcm ²]	0.818
252.167	J	[kgcm ²]	0.633
268.889	J	[kgcm ²]	0.816
326.333	J	[kgcm ²]	0.589
363.000	J	[kgcm ²]	0.756
412.500	J	[kgcm ²]	0.545

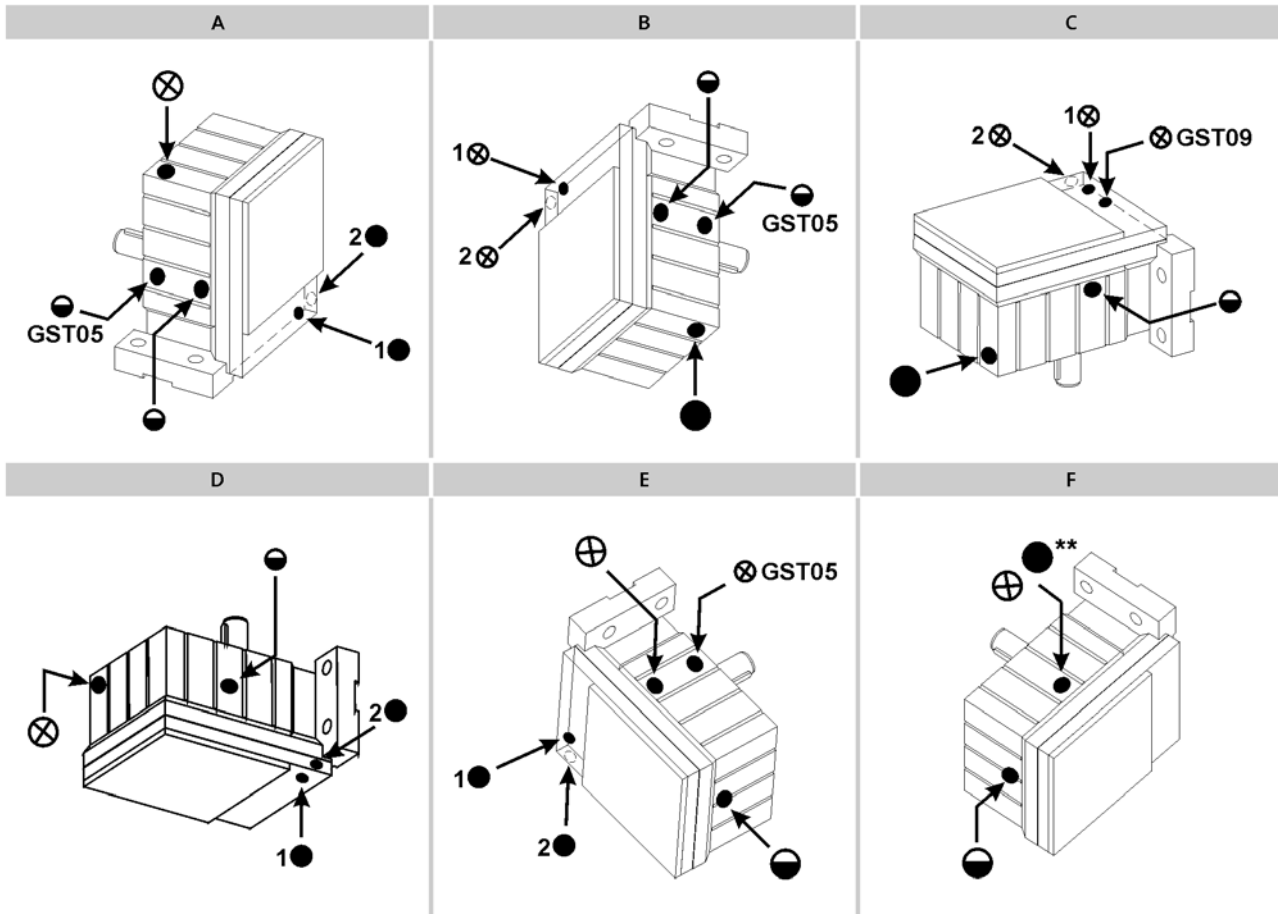
Gearbox			GST14
40.185	J	[kgcm ²]	24.400
42.580	J	[kgcm ²]	18.300
48.386	J	[kgcm ²]	18.100
53.148	J	[kgcm ²]	20.500
59.321	J	[kgcm ²]	13.200
69.042	J	[kgcm ²]	11.500
78.457	J	[kgcm ²]	11.400
93.541	J	[kgcm ²]	6.570
96.157	J	[kgcm ²]	10.400
106.296	J	[kgcm ²]	6.520
130.278	J	[kgcm ²]	6.000
139.211	J	[kgcm ²]	4.420
158.194	J	[kgcm ²]	4.400
171.111	J	[kgcm ²]	5.490
204.722	J	[kgcm ²]	2.860
236.622	J	[kgcm ²]	2.650
248.458	J	[kgcm ²]	2.060
268.889	J	[kgcm ²]	2.650
326.333	J	[kgcm ²]	1.920
363.000	J	[kgcm ²]	2.450
412.500	J	[kgcm ²]	1.780

- 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.



Position of ventilation, sealing elements and oil level check

GST05...09-1

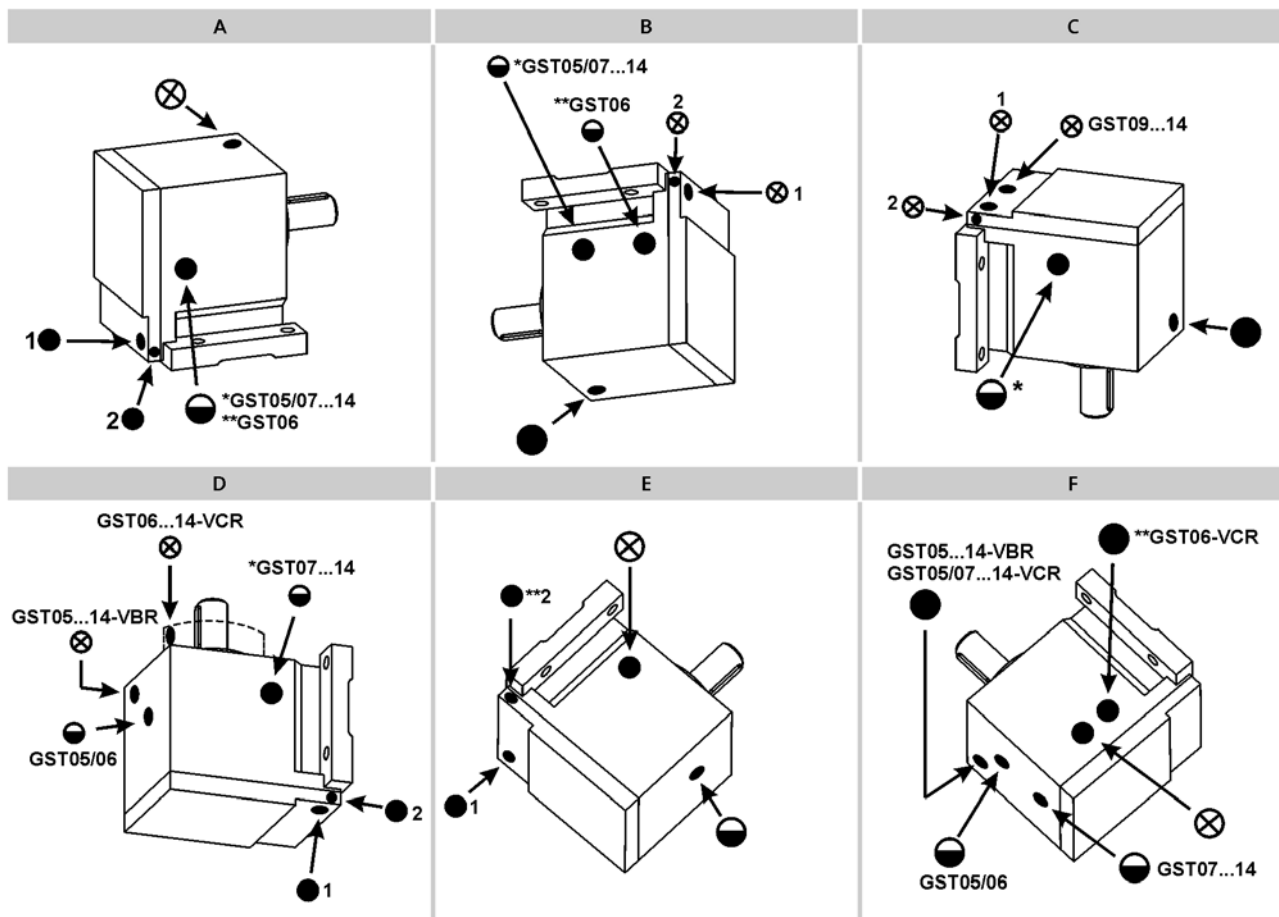


A ... F Mounting position
⊗ Ventilation / Oil filler plug
● Oil drain plug
⊖ Oil control plug
* On both sides
** On opposite side

Item 1 standard
Item 2 only with:
▶ GST05-1M V□□ 090C□□
▶ GST05-1M V□□ 100C□□
▶ GST06-1M V□□ 112C□□
▶ GST07-1M V□□ 160C□□

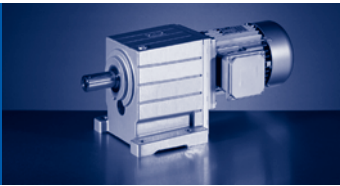


GST05...14-2



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

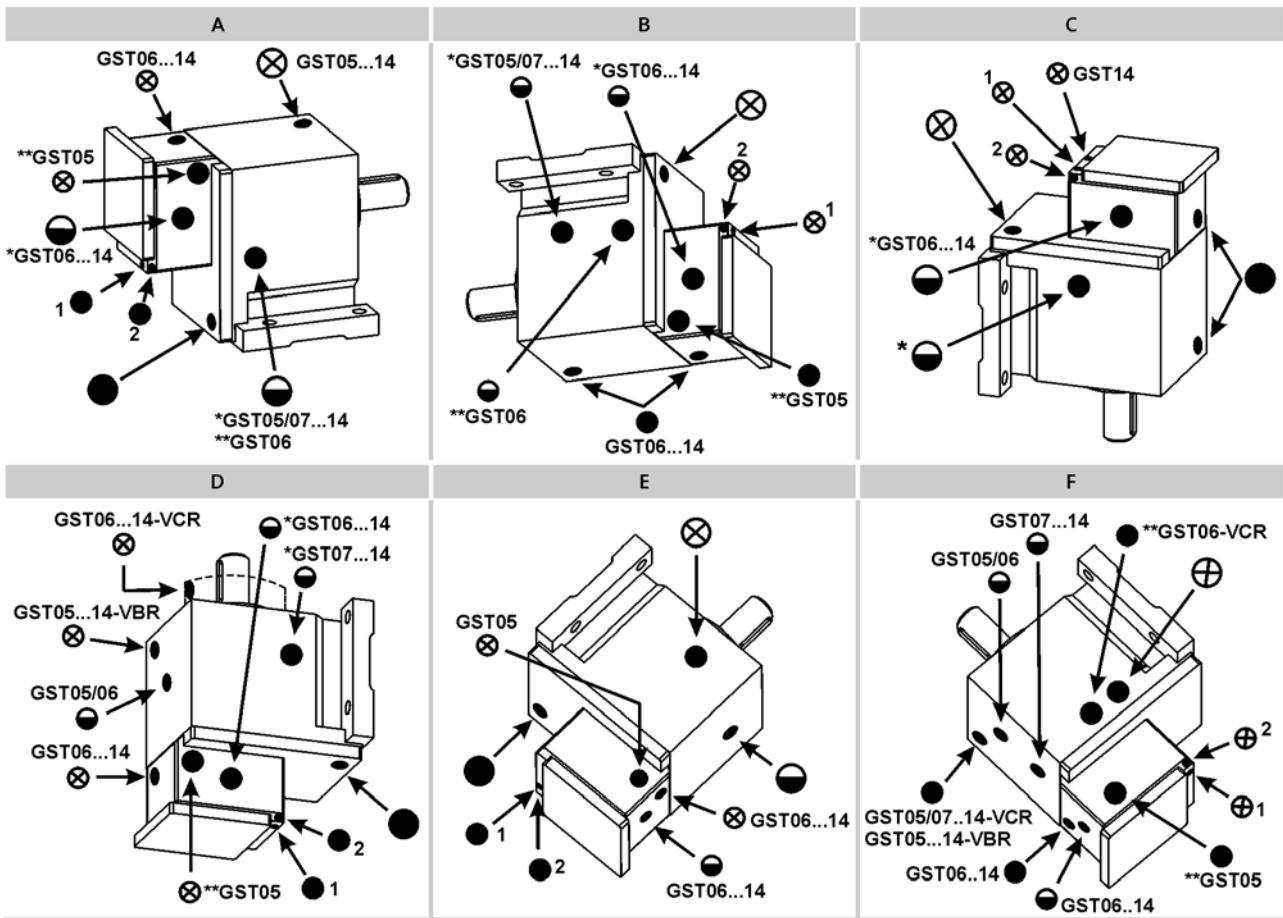
Item 1 standard
 Item 2 only with:
 ▶ GST05-2M V□□ 090C□□
 ▶ GST05-2M V□□ 100C□□
 ▶ GST06-2M V□□ 112C□□
 ▶ GST07-2M V□□ 160C□□



GST

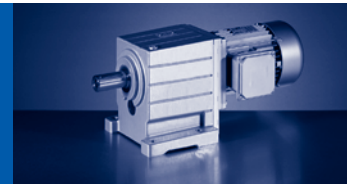
GST [⊗] - ventilation

GST05...14-3



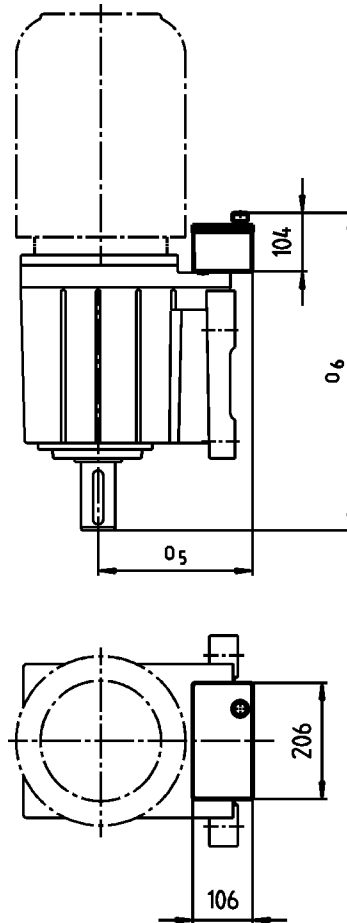
A ... F Mounting position
 ⊗ Ventilation / Oil filler plug
 ● Oil drain plug
 ◐ Oil control plug
 * On both sides
 ** On opposite side

Item 1 standard
 Item 2 only with:
 ▶ GST07-3M V□□ 090C□□
 ▶ GST07-3M V□□ 100C□□
 ▶ GST09-3M V□□ 112C□□



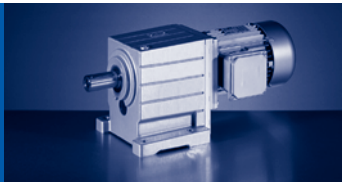
Compensation reservoir for mounting position C

GST□□-2



Motor	090 100		112		132		160 180 225	
	o ₅	o ₆	o ₅	o ₆	o ₅	o ₆	o ₅	o ₆
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
GST09	206	477	226	477	245	477	260	477
GST11	208	536	230	540	254	540	268	540
GST14			252	640	282	640	282	640

► Terminal box position 4 not permitted.



GST

GST [kg] - MD□MA (IE1)

GST□□-1M VBR

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12
GST04	m	[kg]	8		10	11	10	11	10	15	16	15	16	22	20	
GST05	m	[kg]		12			14			18	19	18	19	26	24	33
GST06	m	[kg]		16		19	18	19	18	22	23	22	23	30	28	37
GST07	m	[kg]								32	33	32	33	40	38	47
GST09	m	[kg]												54	52	61

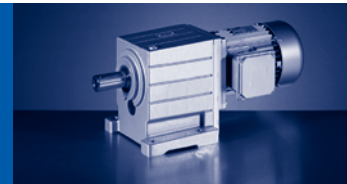
			100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22 132C32	160C22	160C32	180C12	180C32	180C42
GST05	m	[kg]	30	33	30											
GST06	m	[kg]	34	37	34	46	43	53	50							
GST07	m	[kg]	44	47	44	55	52	62	59	94	92	136				
GST09	m	[kg]	58	61	58	69	66	76	73	109	107	151	171	206	216	241

GST□□-1M VCR

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33 071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12
GST04	m	[kg]	7	8	9	10	9	10	14	15	14	15	21	19	
GST05	m	[kg]		11		13			17	18	17	18	25	23	32
GST06	m	[kg]		15		17	16	17	20	21	20	21	29	27	36
GST07	m	[kg]							28	29	28	29	37	35	44
GST09	m	[kg]											50	48	57

			100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22 132C32	160C22	160C32	180C12	180C32	180C42
GST05	m	[kg]	29	32	29											
GST06	m	[kg]	33	36	33	44	41	51	48							
GST07	m	[kg]	41	44	41	52	49	59	56	91	89	133				
GST09	m	[kg]	54	57	54	65	62	72	69	104	102	146	166	201	211	236

- 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).

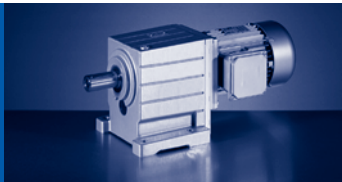


GST□□-1M VCK

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33 071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12
GST04	m	[kg]	8	9	10	11	10	11	15	16	15	16	22	20	
GST05	m	[kg]		13	14	15	14	15	18	19	18	19	26	24	33
GST06	m	[kg]		18		20	19	20	23	24	23	24	32	30	39
GST07	m	[kg]							32	33	32	33	41	39	48
GST09	m	[kg]											57	55	64

			100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22 132C32	160C22	160C32	180C12	180C32	180C42
GST05	m	[kg]	30	33	30											
GST06	m	[kg]	36	39	36	47	44	54	51							
GST07	m	[kg]	45	48	45	56	53	63	60	95	93	137				
GST09	m	[kg]	61	64	61	72	69	79	76	111	109	153	173	208	218	243

- 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).



GST

GST [kg] - MD□MA (IE1)

GST□□-2M VAR / VBR

			063C02	063C11	063C12	063C22	063C31	063C32	063C42	071C11	071C13	071C32	071C33	071C42	080C11	080C13	080C31	080C32	080C33	080C42	090C11	090C31
											071C31											
GST03	m	[kg]	6		6			6				7		8								
GST04	m	[kg]		10				10		12	13	12	13	12	17	18	17	18				24
GST05	m	[kg]							16	17	18	17		18	21	22	21	22				29
GST06	m	[kg]							23		25	24		25	28	29	28	29				37
GST07	m	[kg]														45	44	45				52
GST09	m	[kg]																				79

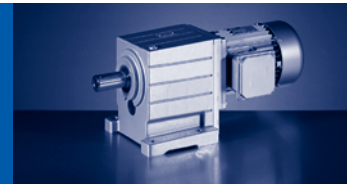
			090C32	100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22	160C22	160C32	180C12	180C32	180C42	225C12	225C22
													132C32							
GST04	m	[kg]	22																	
GST05	m	[kg]	27	36	33	36	33													
GST06	m	[kg]	35	44	41	44	41	52	49	59	56									
GST07	m	[kg]	50	59	56	59	56	67	64	74	71	106	104	148	168					
GST09	m	[kg]	77	86	83	86	83	94	91	101	98	133	131	175	195	230	240	265		
GST11	m	[kg]		132		132	129	139	136	146	143	178	176	220	240	275	285	310	434	459
GST14	m	[kg]						231	228	238	235	267	265	309	329	364	374	399	522	547

GST□□-2M VCR

			063C02	063C11	063C12	063C22	063C31	063C32	063C42	071C11	071C13	071C32	071C33	071C42	080C11	080C13	080C31	080C32	080C33	080C42	090C11	090C31
											071C31											
GST03	m	[kg]	5		6	5		6				7		8								
GST04	m	[kg]		9			9	10	11	12	11	12			16	17	16	17				23
GST05	m	[kg]						14			16				20	21	20	21				28
GST06	m	[kg]						20			22				26	27	26	27				34
GST07	m	[kg]														40	39	40				47
GST09	m	[kg]																				70

			090C32	100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22	160C22	160C32	180C12	180C32	180C42	225C12	225C22
													132C32							
GST04	m	[kg]	21																	
GST05	m	[kg]	26	35	32	35	32													
GST06	m	[kg]	32	41	38	41	38	50	47	57	54									
GST07	m	[kg]	45	54	51	54	51	63	60	70	67	102	100	144	164					
GST09	m	[kg]	68	77	74	77	74	85	82	92	89	125	123	167	187	222	232	257		
GST11	m	[kg]		117		117	114	124	121	131	128	163	161	205	225	260	270	295	419	444
GST14	m	[kg]						203	200	210	207	239	237	281	301	336	346	371	494	519

- 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).



GST□□-2M VCK

			063C11	063C12	063C31	063C32	063C42	071C11	071C13	071C32	071C33	071C42	080C11	080C13	080C31	080C32	080C33	080C42	090C11	090C31	090C32
GST03	m	[kg]		6		6	7			8		9									
GST04	m	[kg]		10			11	12	13	12		13	17	18	17	18			24		22
GST05	m	[kg]					16	17	18	17		18	21	22	21	22			29		27
GST06	m	[kg]					23			25			29	30	29	30			37		35
GST07	m	[kg]												44	43	44			51		49
GST09	m	[kg]																	77		75

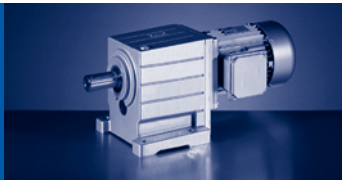
			100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22	132C32	160C22	160C32	180C12	180C32	180C42	225C12	225C22
GST05	m	[kg]	36	33	36	33														
GST06	m	[kg]	44	41	44	41	53	50	60	57										
GST07	m	[kg]	58	55	58	55	67	64	74	71	106	104	148	168						
GST09	m	[kg]	84	81	84	81	92	89	99	96	132	130	174	194	229	239	264			
GST11	m	[kg]	128		128	125	135	132	142	139	173	171	215	235	270	280	305	430	455	
GST14	m	[kg]					219	216	226	223	255	253	297	317	352	362	387	509	534	

GST□□-2M VAL

			063C11	063C12	063C31	063C32	063C42	071C11	071C13	071C31	071C32	071C33	071C42	080C11	080C13	080C31	080C32	080C33	080C42	090C11	090C31	090C32	100C12
GST04	m	[kg]		11				13	14		13	14	13	18	19	18	19			25		23	
GST05	m	[kg]			17				19					23	24	23	24			31		29	38
GST06	m	[kg]			26				28		27		28	31	32	31	32			40		38	47
GST07	m	[kg]												49	48	49	49			56		54	63
GST09	m	[kg]																		86		84	93
GST11	m	[kg]																					142

			100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22	132C32	160C22	160C32	180C12	180C32	180C42	225C12	225C22
GST05	m	[kg]	35	38	35														
GST06	m	[kg]	44	47	44	55	52	62	59										
GST07	m	[kg]	60	63	60	71	68	78	75	110	108	152	172						
GST09	m	[kg]	90	93	90	101	98	108	105	140	138	182	202	237	247	272			
GST11	m	[kg]		142	139	150	147	157	154	188	186	230	250	285	295	320	445	470	
GST14	m	[kg]				247	244	254	251	283	281	325	345	380	390	415	537	562	

- 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).



GST

GST [kg] - MD□MA (IE1)

GST□□-3M VAR / VBR

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33 071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32	100C12
GST05	m	[kg]	16		18	19	18	19	23	24	23				
GST06	m	[kg]	26		28	29	28	29	33	34	33	34	40	38	
GST07	m	[kg]		46	48		47	48	52	53	52	53	60	58	67
GST09	m	[kg]		78	80		79	80	84	85	84	85	92	90	99
GST11	m	[kg]							138	139	138	139	146	144	153
GST14	m	[kg]											252	250	259

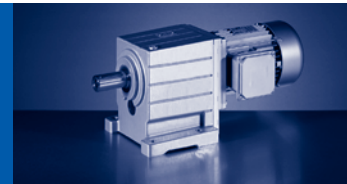
			100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22 132C32	160C22	160C32	180C12	180C32
GST07	m	[kg]	64	67	64										
GST09	m	[kg]	96	99	96	107	104	114	111						
GST11	m	[kg]	150	153	150	162	159	169	166	200	198				
GST14	m	[kg]	256	259	256	267	264	274	271	307	305	349	369	404	414

GST□□-3M VCR

			063C11	063C12	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31
GST05	m	[kg]	14	15	14	15		17		16	17		21	22	21		
GST06	m	[kg]		23			24	25	26	25	26		30	31	30	31	37
GST07	m	[kg]					41	43	44	43	44		47	48	47	48	55
GST09	m	[kg]					69	71	72	71	72	71	75	76	75	76	83
GST11	m	[kg]											123	124	123	124	131
GST14	m	[kg]															224

			090C32	100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22 132C32	160C22	160C32	180C12	180C32
GST06	m	[kg]	35														
GST07	m	[kg]	53	62	59	62	59										
GST09	m	[kg]	81	90	87	90	87	99	96	106	103						
GST11	m	[kg]	129	138	135	138	135	147	144	154	151	185	183				
GST14	m	[kg]	222	231	228	231	228	239	236	246	243	279	277	321	341	376	386

- 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).



GST□□-3M VCK

			063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31	090C32
GST05	m	[kg]	16		18	19	18	19		23	24	23			
GST06	m	[kg]	26	27	28	29	28	29		33	34	33	34	40	38
GST07	m	[kg]		45	47	48	47	48		51	52	51	52	59	57
GST09	m	[kg]		76	78	79	78	79	78	82	83	82	83	90	88
GST11	m	[kg]								134	135	134	135	142	140
GST14	m	[kg]												240	238

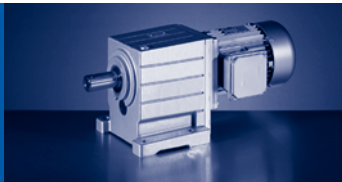
			100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22 132C32	160C22	160C32	180C12	180C32
GST07	m	[kg]	66	63	66	63										
GST09	m	[kg]	97	94	97	94	106	103	113	110						
GST11	m	[kg]	149	146	149	146	157	154	164	161	196	194				
GST14	m	[kg]	247	244	247	244	255	252	262	259	294	292	336	356	391	401

GST□□-3M VAL

			063C11	063C12	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33 071C42	080C11	080C13	080C31	080C32 080C33 080C42	090C11 090C31
GST05	m	[kg]	17	18	17	18		20		19	20	24	25	24		
GST06	m	[kg]			29			31	32	31	32	36	37	36	37	43
GST07	m	[kg]					50	52		51	52	56	57	56	57	64
GST09	m	[kg]					85	87		86	87	91	92	91	92	99
GST11	m	[kg]										149	150	149	150	157
GST14	m	[kg]														268

			090C32	100C12	100C31	100C32	100C41	112C22	112C31	112C32	112C41	132C21	132C22 132C32	160C22	160C32	180C12	180C32
GST06	m	[kg]	41														
GST07	m	[kg]	62	71	68	71	68										
GST09	m	[kg]	97	106	103	106	103	114	111	121	118						
GST11	m	[kg]	155	164	161	164	161	172	169	179	176	211	209				
GST14	m	[kg]	266	275	272	275	272	283	280	290	287	322	320	364	384	419	429

- 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).



GST

GST [kg] - MH□MA (IE2)

GST□□-1M VBR

			080C32	090C12	090C32	100C12	100C32	112C22
GST04	m	[kg]	16	21	23			
GST05	m	[kg]	19	25	27	33	35	
GST06	m	[kg]	23	29	31	37	40	53
GST07	m	[kg]	33	39	41	47	49	62
GST09	m	[kg]		53	55	61	64	76

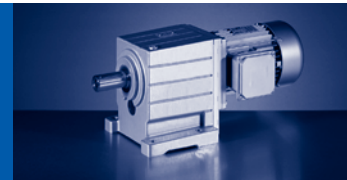
			132C12	132C22	160C22	160C32	180C12	180C32	180C42
GST07	m	[kg]	85	92	135				
GST09	m	[kg]	100	107	150	165	216	221	241

GST□□-1M VCR

			080C32	090C12	090C32	100C12	100C32	112C22
GST04	m	[kg]	15	20	22			
GST05	m	[kg]	18	24	26	32	34	
GST06	m	[kg]	21	28	30	36	38	51
GST07	m	[kg]	29	36	38	44	46	59
GST09	m	[kg]		49	51	57	59	72

			132C12	132C22	160C22	160C32	180C12	180C32	180C42
GST07	m	[kg]	82	89	132				
GST09	m	[kg]	95	102	145	160	211	216	236

- 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).

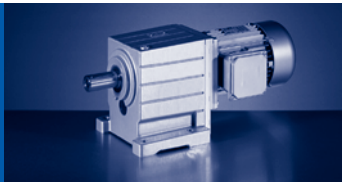


GST□□-1M VCK

			080C32	090C12	090C32	100C12	100C32	112C22
GST04	m	[kg]	16	21	23			
GST05	m	[kg]	19	25	27	33	36	
GST06	m	[kg]	24	31	33	39	41	54
GST07	m	[kg]	33	40	42	48	50	63
GST09	m	[kg]		56	58	64	66	79

			132C12	132C22	160C22	160C32	180C12	180C32	180C42
GST07	m	[kg]	86	93	136				
GST09	m	[kg]	102	109	152	167	218	223	243

- 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).



GST

GST [kg] - MH□MA (IE2)

GST□□-2M VAR / VBR

			080C32	090C12	090C32	100C12	100C32	112C22	132C12
GST04	m	[kg]	18	23	25				
GST05	m	[kg]	22	28	30	36	39		
GST06	m	[kg]	29	36	38	44	46	59	81
GST07	m	[kg]	45	51	53	59	61	74	97
GST09	m	[kg]		78	80	86	88	101	124
GST11	m	[kg]				132	134	146	169
GST14	m	[kg]						238	258

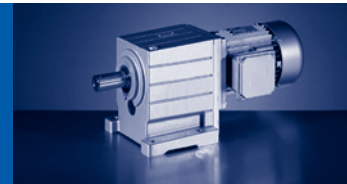
			132C22	160C22	160C32	180C12	180C32	180C42	225C12	225C22
GST06	m	[kg]	88							
GST07	m	[kg]	104	147	162					
GST09	m	[kg]	131	174	189	240	245	265		
GST11	m	[kg]	176	219	234	285	290	310	509	529
GST14	m	[kg]	265	308	323	374	379	399	597	617

GST□□-2M VCR

			080C32	090C12	090C32	100C12	100C32	112C22	132C12
GST04	m	[kg]	17	22	24				
GST05	m	[kg]	21	27	29	35	37		
GST06	m	[kg]	27	33	35	41	44	57	79
GST07	m	[kg]	40	46	48	54	57	70	93
GST09	m	[kg]		69	71	77	80	92	116
GST11	m	[kg]				117	120	131	154
GST14	m	[kg]						210	230

			132C22	160C22	160C32	180C12	180C32	180C42	225C12	225C22
GST06	m	[kg]	86							
GST07	m	[kg]	100	143	158					
GST09	m	[kg]	123	166	181	232	237	257		
GST11	m	[kg]	161	204	219	270	275	295	494	514
GST14	m	[kg]	237	280	295	346	351	371	569	589

- 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).



GST□□-2M VCK

			080C32	090C12	090C32	100C12	100C32	112C22	132C12
GST04	m	[kg]	18	23	25				
GST05	m	[kg]	22	28	30	36	39		
GST06	m	[kg]	30	36	38	44	47	60	82
GST07	m	[kg]	44	50	52	58	61	74	97
GST09	m	[kg]		76	78	84	87	99	123
GST11	m	[kg]				128	130	142	164
GST14	m	[kg]						226	246

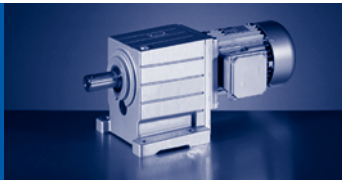
			132C22	160C22	160C32	180C12	180C32	180C42	225C12	225C22
GST06	m	[kg]	89							
GST07	m	[kg]	104	147	162					
GST09	m	[kg]	130	173	188	239	244	264		
GST11	m	[kg]	171	214	229	280	285	305	505	525
GST14	m	[kg]	253	296	311	362	367	387	584	604

GST□□-2M VAL

			080C32	090C12	090C32	100C12	100C32	112C22	132C12
GST04	m	[kg]	19	24	26				
GST05	m	[kg]	24	30	32	38	40		
GST06	m	[kg]	32	39	41	47	49	62	84
GST07	m	[kg]	49	55	57	63	65	78	101
GST09	m	[kg]		85	87	93	95	108	131
GST11	m	[kg]				142	145	157	179
GST14	m	[kg]						254	274

			132C22	160C22	160C32	180C12	180C32	180C42	225C12	225C22
GST06	m	[kg]	91							
GST07	m	[kg]	108	151	166					
GST09	m	[kg]	138	181	196	247	252	272		
GST11	m	[kg]	186	229	244	295	300	320	520	540
GST14	m	[kg]	281	324	339	390	395	415	612	632

- 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).



GST

GST [kg] - MH□MA (IE2)

GST□□-3M VAR / VBR

			080C32	090C12	090C32	100C12	100C32	112C22
GST06	m	[kg]	34	39	41			
GST07	m	[kg]	53	59	61	67	69	
GST09	m	[kg]	85	91	93	99	101	114
GST11	m	[kg]	139	145	147	153	156	169
GST14	m	[kg]		251	253	259	262	274

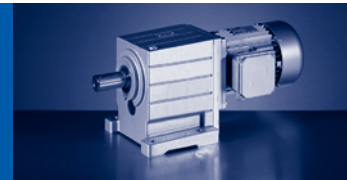
			132C12	132C22	160C22	160C32	180C12	180C32
GST11	m	[kg]	191	198				
GST14	m	[kg]	298	305	348	363	414	419

GST□□-3M VCR

			080C32	090C12	090C32	100C12	100C32	112C22
GST06	m	[kg]	31	36	38			
GST07	m	[kg]	48	54	56	62	65	
GST09	m	[kg]	76	82	84	90	93	106
GST11	m	[kg]	124	130	132	138	141	154
GST14	m	[kg]		223	225	231	234	246

			132C12	132C22	160C22	160C32	180C12	180C32
GST11	m	[kg]	176	183				
GST14	m	[kg]	270	277	320	335	386	391

- 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).



GST□□-3M VCK

			080C32	090C12	090C32	100C12	100C32	112C22
GST06	m	[kg]	34	39	41			
GST07	m	[kg]	52	58	60	66	69	
GST09	m	[kg]	83	89	91	97	100	113
GST11	m	[kg]	135	141	143	149	151	164
GST14	m	[kg]		239	241	247	249	262

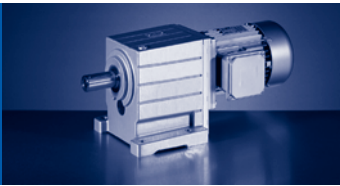
			132C12	132C22	160C22	160C32	180C12	180C32
GST11	m	[kg]	187	194				
GST14	m	[kg]	285	292	335	350	401	406

GST□□-3M VAL

			080C32	090C12	090C32	100C12	100C32	112C22
GST06	m	[kg]	37	42	44			
GST07	m	[kg]	57	63	65	71	73	
GST09	m	[kg]	92	98	100	106	108	121
GST11	m	[kg]	150	156	158	164	166	179
GST14	m	[kg]		267	269	275	277	290

			132C12	132C22	160C22	160C32	180C12	180C32
GST11	m	[kg]	202	209				
GST14	m	[kg]	313	320	363	378	429	434

- 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).

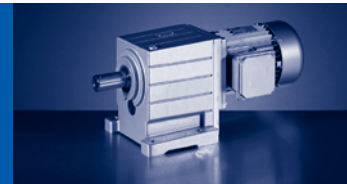


GST

GST [Nm] - MD□MA (IE1)

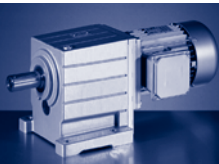
50 Hz: $P_N=0.06$ kW
 60 Hz: $P_N=0.075$ kW
 87 Hz: $P_N=0.11$ kW

n _N	1425 r/min		1725 r/min		2535 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.06 kW		0.075 kW		0.11 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	75	5.6	91	5.6	133	5.4	7.0	19.013	GST03-2M□□□063C02	218
	67	5.3	81	5.3	119	5.1	8.0	21.350	GST03-2M□□□063C02	218
	58	4.7	70	4.7	103	4.5	10	24.595	GST03-2M□□□063C02	218
	52	4.2	63	4.2	92	4.0	11	27.618	GST03-2M□□□063C02	218
	45	3.6	54	3.6	79	3.4	13	32.000	GST03-2M□□□063C02	218
	40	3.2	48	3.2	71	3.1	14	35.933	GST03-2M□□□063C02	218
	34	2.8	42	2.8	61	2.7	16	41.455	GST03-2M□□□063C02	218
	31	2.5	37	2.5	55	2.5	18	46.550	GST03-2M□□□063C02	218
	27	2.2	33	2.2	48	2.2	21	52.909	GST03-2M□□□063C02	218
	24	1.9	29	1.9	43	1.9	23	59.413	GST03-2M□□□063C02	218



50 Hz: $P_N=0.09$ kW
60 Hz: $P_N=0.11$ kW
87 Hz: $P_N=0.16$ kW

n _N	1375 r/min		1675 r/min		2485 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	0.09 kW		0.11 kW		0.16 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	137	5.7	167	5.5	248	4.8	6.0	10.033	GST03-2M□□□063C22	218
	120	5.1	147	4.9	217	4.3	7.0	11.429	GST03-2M□□□063C22	218
	107	4.8	131	4.7	194	4.1	8.0	12.833	GST03-2M□□□063C22	218
	93	4.3	113	4.2	168	3.7	9.0	14.836	GST03-2M□□□063C22	218
	83	4.1	101	4.1	149	3.9	10	16.660	GST03-2M□□□063C22	218
	72	3.6	88	3.6	131	3.5	12	19.013	GST03-2M□□□063C22	218
	64	3.4	79	3.4	116	3.3	13	21.350	GST03-2M□□□063C22	218
	56	3.0	68	3.0	101	2.9	15	24.595	GST03-2M□□□063C22	218
	50	2.7	61	2.7	90	2.6	17	27.618	GST03-2M□□□063C22	218
	43	2.3	52	2.3	78	2.2	19	32.000	GST03-2M□□□063C22	218
	38	2.1	47	2.1	69	2.0	22	35.933	GST03-2M□□□063C22	218
	33	1.8	40	1.8	60	1.7	25	41.455	GST03-2M□□□063C22	218
	30	1.6	36	1.6	53	1.6	28	46.550	GST03-2M□□□063C22	218
	26	1.4	32	1.4	47	1.4	32	52.909	GST03-2M□□□063C22	218
	23	1.3	28	1.3	42	1.3	36	59.413	GST03-2M□□□063C22	218

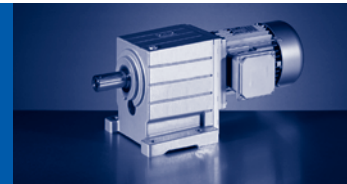


GST

GST [Nm] - MD□MA (IE1)

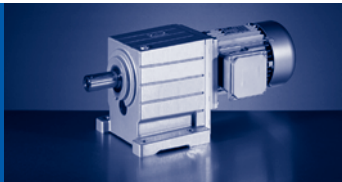
50 Hz: $P_N=0.12$ kW
 60 Hz: $P_N=0.145$ kW
 87 Hz: $P_N=0.21$ kW

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				
	636	5.4	770	5.1	1132	4.5	2.0	2.240	GST04-1M □□□063C12	212
	499	5.0	604	4.8	887	4.2	2.0	2.857	GST04-1M □□□063C12	212
	324	5.5	392	5.2	576	4.6	4.0	4.400	GST04-1M □□□063C12	212
	252	4.6	304	4.4	447	3.9	5.0	5.667	GST04-1M □□□063C12	212
	223	5.4	270	5.1	396	4.5	5.0	6.400	GST04-2M □□□063C12	218
	204	5.4	247	5.2	363	4.6	5.0	6.982	GST03-2M □□□063C12	218
	198	4.0	240	3.8	353	3.4	6.0	7.182	GST04-1M □□□063C12	212
	182	5.2	220	4.9	323	4.3	6.0	7.840	GST03-2M □□□063C12	218
	160	4.7	193	4.5	284	3.9	7.0	8.935	GST03-2M □□□063C12	218
	158	3.3	192	3.1	282	2.7	7.0	9.000	GST04-1M □□□063C12	212
	145	5.4	175	5.1	257	4.5	8.0	9.856	GST04-2M □□□063C12	218
	142	4.4	172	4.2	253	3.7	8.0	10.033	GST03-2M □□□063C12	218
	125	4.0	151	3.8	222	3.3	9.0	11.429	GST03-2M □□□063C12	218
	120	1.7	146	1.6	214	1.4	9.0	11.857	GST04-1M □□□063C12	212
	113	5.0	137	4.8	202	4.2	10	12.571	GST04-2M □□□063C12	218
	111	3.8	134	3.6	198	3.2	10	12.833	GST03-2M □□□063C12	218
	100	5.0	121	4.8	177	4.2	11	14.286	GST04-2M □□□063C12	218
	96	3.4	116	3.2	171	2.8	12	14.836	GST03-2M □□□063C12	218
	86	3.2	104	3.2	152	3.0	13	16.660	GST03-2M □□□063C12	218
	75	2.8	91	2.8	133	2.7	15	19.013	GST03-2M □□□063C12	218
	74	4.7	89	4.7	131	4.4	15	19.360	GST04-2M □□□063C12	218
	67	2.7	81	2.7	119	2.5	17	21.350	GST03-2M □□□063C12	218
	65	3.6	78	3.6	115	3.5	17	22.000	GST04-2M □□□063C12	218
	58	2.4	70	2.4	103	2.2	19	24.595	GST03-2M □□□063C12	218
	57	3.7	69	3.7	102	3.5	20	24.933	GST04-2M □□□063C12	218
	52	2.1	63	2.1	92	2.0	22	27.618	GST03-2M □□□063C12	218
	50	2.9	61	2.9	90	2.7	22	28.333	GST04-2M □□□063C12	218
	45	1.8	54	1.8	79	1.7	25	32.000	GST03-2M □□□063C12	218
	45	2.9	55	2.9	80	2.8	25	31.600	GST04-2M □□□063C12	218
	40	1.6	48	1.6	71	1.5	28	35.933	GST03-2M □□□063C12	218
	40	2.3	48	2.3	71	2.2	28	35.909	GST04-2M □□□063C12	218
	36	2.4	44	2.4	64	2.3	31	39.600	GST04-2M □□□063C12	218
	34	1.4	42	1.4	61	1.3	32	41.455	GST03-2M □□□063C12	218
	32	1.9	38	1.9	56	1.9	35	45.000	GST04-2M □□□063C12	218
	31	1.2	37	1.2	55	1.2	36	46.550	GST03-2M □□□063C12	218
	27	1.1	33	1.1	48	1.1	41	52.909	GST03-2M □□□063C12	218
	27	1.7	33	1.7	49	1.7	41	52.171	GST04-2M □□□063C12	218
	24	1.4	29	1.4	43	1.4	46	59.286	GST04-2M □□□063C12	218
	23	3.0	27	3.0	40	3.0	49	63.467	GST05-3M □□□063C12	224
	20	3.1	24	3.1	36	3.1	55	71.238	GST05-3M □□□063C12	224
	18	2.4	21	2.4	31	2.4	62	80.952	GST05-3M □□□063C12	224



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				
	16	2.4	19	2.4	28	2.4	71	91.746	GST05-3M □□□063C12	224
	12	1.9	15	1.9	22	1.9	89	116.277	GST05-3M □□□063C12	224
	11	1.6	14	1.6	20	1.6	96	124.667	GST05-3M □□□063C12	224
	9.8	1.5	12	1.5	17	1.5	112	145.714	GST05-3M □□□063C12	224
	8.9	1.2	11	1.2	16	1.2	123	160.556	GST05-3M □□□063C12	224
	8.9	2.8	11	2.8	16	2.8	123	160.556	GST06-3M □□□063C12	224
	8	1.2	9.6	1.2	14	1.2	138	179.067	GST05-3M □□□063C12	224
	8	2.7	9.6	2.7	14	2.7	138	179.067	GST06-3M □□□063C12	224
	7.4	1.2	9	1.2	13	1.2	148	191.973	GST05-3M □□□063C12	224
	7	2.2	8.5	2.2	13	2.2	156	203.485	GST06-3M □□□063C12	224
	6.4	1.0	7.7	1.0	11	1.0	173	224.400	GST05-3M □□□063C12	224
	6.2	2.1	7.4	2.1	11	2.1	178	231.733	GST06-3M □□□063C12	224
	5.6	1.8	6.8	1.8	9.9	1.8	196	255.000	GST06-3M □□□063C12	224
	4.9	1.7	5.9	1.7	8.7	1.7	223	290.400	GST06-3M □□□063C12	224
	4.3	1.4	5.2	1.4	7.7	1.4	254	330.000	GST06-3M □□□063C12	224
	3.7	1.3	4.5	1.3	6.6	1.3	294	382.590	GST06-3M □□□063C12	224
	3.3	1.1	4	1.1	5.8	1.1	334	434.762	GST06-3M □□□063C12	224

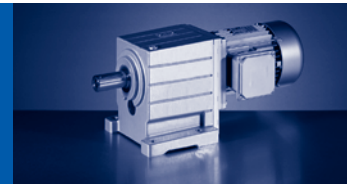


GST

GST [Nm] - MD□MA (IE1)

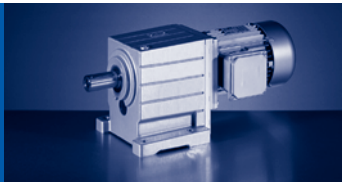
50 Hz: $P_N=0.18$ kW
60 Hz: $P_N=0.22$ kW

n _N	2740 r/min		3340 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	0.18 kW		0.22 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	1223	5.7	1491	5.3			1.0	2.240	GST04-1M □□□063C11	212
	959	5.3	1169	4.9			2.0	2.857	GST04-1M □□□063C11	212
	623	5.8	759	5.4			3.0	4.400	GST04-1M □□□063C11	212
	484	4.8	589	4.5			4.0	5.667	GST04-1M □□□063C11	212
	428	5.7	522	5.3			4.0	6.400	GST04-2M □□□063C11	218
	382	4.2	465	3.9			4.0	7.182	GST04-1M □□□063C11	212
	304	3.4	371	3.2			6.0	9.000	GST04-1M □□□063C11	212
	278	5.7	339	5.3			6.0	9.856	GST04-2M □□□063C11	218
	231	1.8	282	1.7			7.0	11.857	GST04-1M □□□063C11	212
	218	5.3	266	4.9			8.0	12.571	GST04-2M □□□063C11	218
	192	5.3	234	4.9			9.0	14.286	GST04-2M □□□063C11	218
	142	5.6	173	5.2			12	19.360	GST04-2M □□□063C11	218
	125	4.3	152	4.1			13	22.000	GST04-2M □□□063C11	218
	110	4.4	134	4.1			15	24.933	GST04-2M □□□063C11	218
	97	3.4	118	3.2			17	28.333	GST04-2M □□□063C11	218
	87	3.5	106	3.3			19	31.600	GST04-2M □□□063C11	218
	76	2.7	93	2.6			22	35.909	GST04-2M □□□063C11	218
	69	2.8	84	2.6			24	39.600	GST04-2M □□□063C11	218
	61	2.4	74	2.3			27	45.000	GST04-2M □□□063C11	218
	53	2.2	64	2.1			32	52.171	GST04-2M □□□063C11	218
	46	1.8	56	1.8			36	59.286	GST04-2M □□□063C11	218
	43	3.8	53	3.7			38	63.467	GST05-3M □□□063C11	224
	39	3.9	47	3.8			43	71.238	GST05-3M □□□063C11	224
	34	3.0	41	2.9			49	80.952	GST05-3M □□□063C11	224
	30	3.1	36	3.0			55	91.746	GST05-3M □□□063C11	224
	24	2.5	29	2.4			70	116.277	GST05-3M □□□063C11	224
	22	2.0	27	1.9			75	124.667	GST05-3M □□□063C11	224
	19	2.0	23	1.9			87	145.714	GST05-3M □□□063C11	224
	17	1.6	21	1.5			96	160.556	GST05-3M □□□063C11	224
	15	1.6	19	1.5			107	179.067	GST05-3M □□□063C11	224
	14	1.5	17	1.4			115	191.973	GST05-3M □□□063C11	224
	14	2.8	16	2.7			122	203.485	GST06-3M □□□063C11	224
	12	1.3	15	1.2			135	224.400	GST05-3M □□□063C11	224
	12	2.7	14	2.6			139	231.733	GST06-3M □□□063C11	224
	11	1.0	13	1.0			153	255.000	GST05-3M □□□063C11	224
	11	2.3	13	2.2			153	255.000	GST06-3M □□□063C11	224
	9.4	2.2	12	2.1			174	290.400	GST06-3M □□□063C11	224
	9.3	1.0	11	0.9			177	295.638	GST05-3M □□□063C11	224
	8.3	1.8	10	1.7			198	330.000	GST06-3M □□□063C11	224
	7.2	1.6	8.7	1.6			229	382.590	GST06-3M □□□063C11	224
	6.3	1.4	7.7	1.3			261	434.762	GST06-3M □□□063C11	224



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				
	609	3.4	743	3.3	1105	2.9	3.0	2.240	GST04-1M □□□063C32	212
	526	5.7	641	5.5	953	4.8	3.0	2.597	GST03-2M □□□063C32	218
	478	3.2	583	3.1	866	2.7	4.0	2.857	GST04-1M □□□063C32	212
	400	4.6	488	4.5	725	3.9	4.0	3.413	GST03-2M □□□063C32	218
	313	3.9	381	3.8	567	3.3	5.0	4.368	GST03-2M □□□063C32	218
	310	3.5	378	3.4	563	3.0	6.0	4.400	GST04-1M □□□063C32	212
	257	4.1	313	4.0	466	3.5	7.0	5.312	GST03-2M □□□063C32	218
	241	2.9	294	2.8	437	2.5	7.0	5.667	GST04-1M □□□063C32	212
	229	3.9	279	3.8	415	3.3	7.0	5.965	GST03-2M □□□063C32	218
	213	3.4	260	3.3	387	2.9	8.0	6.400	GST04-2M □□□063C32	218
	196	3.5	239	3.4	355	2.9	9.0	6.982	GST03-2M □□□063C32	218
	190	2.6	232	2.5	345	2.2	9.0	7.182	GST04-1M □□□063C32	212
	174	3.3	212	3.2	316	2.8	10	7.840	GST03-2M □□□063C32	218
	153	3.0	186	2.9	277	2.5	11	8.935	GST03-2M □□□063C32	218
	152	2.1	185	2.0	275	1.8	11	9.000	GST04-1M □□□063C32	212
	139	3.4	169	3.3	251	2.9	12	9.856	GST04-2M □□□063C32	218
	136	2.8	166	2.7	247	2.4	12	10.033	GST03-2M □□□063C32	218
	119	2.5	146	2.5	217	2.1	14	11.429	GST03-2M □□□063C32	218
	115	1.1	140	1.1	209	0.9	15	11.857	GST04-1M □□□063C32	212
	109	3.2	132	3.1	197	2.7	15	12.571	GST04-2M □□□063C32	218
	106	2.4	130	2.3	193	2.0	16	12.833	GST03-2M □□□063C32	218
	96	3.2	117	3.1	173	2.7	18	14.286	GST04-2M □□□063C32	218
	92	2.2	112	2.1	167	1.8	18	14.836	GST03-2M □□□063C32	218
	82	2.0	100	2.0	149	1.9	20	16.660	GST03-2M □□□063C32	218
	72	1.8	88	1.8	130	1.7	23	19.013	GST03-2M □□□063C32	218
	71	3.0	86	3.0	128	2.9	24	19.360	GST04-2M □□□063C32	218
	64	1.7	78	1.7	116	1.6	26	21.350	GST03-2M □□□063C32	218
	62	2.3	76	2.3	113	2.2	27	22.000	GST04-2M □□□063C32	218
	56	1.5	68	1.5	101	1.4	30	24.595	GST03-2M □□□063C32	218
	55	2.3	67	2.3	99	2.3	31	24.933	GST04-2M □□□063C32	218
	49	1.3	60	1.3	90	1.3	34	27.618	GST03-2M □□□063C32	218
	48	1.8	59	1.8	87	1.8	35	28.333	GST04-2M □□□063C32	218
	43	1.2	52	1.2	77	1.1	39	32.000	GST03-2M □□□063C32	218
	43	1.9	53	1.9	78	1.8	39	31.600	GST04-2M □□□063C32	218
	38	1.0	46	1.0	69	1.0	44	35.933	GST03-2M □□□063C32	218
	38	1.5	46	1.5	69	1.4	44	35.909	GST04-2M □□□063C32	218
	38	3.1	46	3.1	68	3.0	44	36.267	GST05-3M □□□063C32	224
	35	1.5	42	1.5	63	1.5	48	39.600	GST04-2M □□□063C32	218
	33	0.9	40	0.9	60	0.9	51	41.455	GST03-2M □□□063C32	218
	30	1.2	37	1.2	55	1.2	55	45.000	GST04-2M □□□063C32	218
	30	2.6	36	2.6	54	2.6	56	46.259	GST05-3M □□□063C32	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: P_N=0.18 kW

60 Hz: P_N=0.22 kW

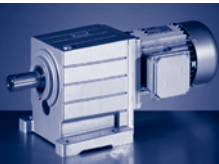
87 Hz: P_N=0.33 kW

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				
	26	1.1	32	1.1	47	1.1	64	52.171	GST04-2M □□□063C32	218
	23	0.9	28	0.9	42	0.9	72	59.286	GST04-2M □□□063C32	218
	22	1.9	26	1.9	39	1.9	76	63.467	GST05-3M □□□063C32	224
	19	2.0	23	2.0	35	2.0	86	71.238	GST05-3M □□□063C32	224
	17	1.5	21	1.5	31	1.5	97	80.952	GST05-3M □□□063C32	224
	17	3.2	21	3.2	31	3.2	97	80.952	GST06-3M □□□063C32	224
	15	1.5	18	1.5	27	1.5	110	91.746	GST05-3M □□□063C32	224
	12	1.2	14	1.2	21	1.2	140	116.277	GST05-3M □□□063C32	224
	12	2.8	15	2.8	23	2.8	132	109.707	GST06-3M □□□063C32	224
	11	1.0	13	1.0	20	1.0	150	124.667	GST05-3M □□□063C32	224
	11	2.3	13	2.3	20	2.3	150	124.667	GST06-3M □□□063C32	224
	9.7	2.2	12	2.2	18	2.2	170	141.289	GST06-3M □□□063C32	224
	9.4	1.0	11	1.0	17	1.0	175	145.714	GST05-3M □□□063C32	224
	8.5	1.8	10	1.8	15	1.8	193	160.556	GST06-3M □□□063C32	224
	7.6	1.7	9.3	1.7	14	1.7	216	179.067	GST06-3M □□□063C32	224
	6.7	1.4	8.2	1.4	12	1.4	245	203.485	GST06-3M □□□063C32	224
	5.9	1.3	7.2	1.3	11	1.3	279	231.733	GST06-3M □□□063C32	224
	5.4	1.1	6.5	1.1	9.7	1.1	307	255.000	GST06-3M □□□063C32	224
	4.7	1.1	5.7	1.1	8.5	1.1	350	290.400	GST06-3M □□□063C32	224
	4.1	0.9	5.1	0.9	7.5	0.9	397	330.000	GST06-3M □□□063C32	224
	3.6	0.8	4.4	0.8	6.5	0.8	460	382.590	GST06-3M □□□063C32	224



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						
	581	5.4	706	5.4			3.0	1.600	GST04-1M □□□071C13	212
	415	5.4	505	5.4			4.0	2.240	GST05-1M □□□071C13	212
	326	4.8	396	4.8			5.0	2.857	GST04-1M □□□071C13	212
	315	5.4	382	5.4			5.0	2.956	GST04-2M □□□071C13	218
	266	3.9	323	3.9			6.0	3.500	GST04-1M □□□071C13	212
	229	5.4	279	5.4			7.0	4.053	GST04-2M □□□071C13	218
	211	3.1	257	3.1			8.0	4.400	GST04-1M □□□071C13	212
	179	5.4	218	5.4			9.0	5.187	GST04-2M □□□071C13	218
	164	2.4	199	2.4			10	5.667	GST04-1M □□□071C13	212
	145	4.8	177	4.8			12	6.400	GST04-2M □□□071C13	218
	130	1.9	157	1.9			13	7.182	GST04-1M □□□071C13	212
	116	4.1	141	4.1			14	8.000	GST04-2M □□□071C13	218
	105	2.6	127	2.6			16	8.900	GST05-1M □□□071C13	212
	103	1.4	126	1.4			16	9.000	GST04-1M □□□071C13	212
	94	3.7	115	3.7			18	9.856	GST04-2M □□□071C13	218
	83	3.0	100	3.0			21	11.250	GST06-1M □□□071C13	212
	83	3.0	101	3.0			20	11.200	GST04-2M □□□071C13	218
	82	1.5	99	1.5			21	11.375	GST05-1M □□□071C13	212
	74	3.1	90	3.1			23	12.571	GST04-2M □□□071C13	218
	65	2.4	79	2.4			26	14.286	GST04-2M □□□071C13	218
	60	2.5	73	2.5			28	15.400	GST04-2M □□□071C13	218
	53	2.0	65	2.0			31	17.500	GST04-2M □□□071C13	218
	48	2.0	58	2.0			35	19.360	GST04-2M □□□071C13	218
	42	1.6	51	1.6			40	22.000	GST04-2M □□□071C13	218
	37	1.6	45	1.6			45	24.933	GST04-2M □□□071C13	218
	33	1.3	40	1.3			51	28.333	GST04-2M □□□071C13	218
	33	2.9	40	2.9			51	28.333	GST05-2M □□□071C13	218
	29	1.3	36	1.3			57	31.600	GST04-2M □□□071C13	218
	29	2.8	35	2.8			58	32.267	GST05-2M □□□071C13	218
	26	1.0	32	1.0			64	35.909	GST04-2M □□□071C13	218
	26	2.1	31	2.1			64	36.267	GST05-3M □□□071C13	224
	25	2.3	31	2.3			66	36.667	GST05-2M □□□071C13	218
	24	1.0	29	1.0			71	39.600	GST04-2M □□□071C13	218
	24	2.4	29	2.4			70	39.160	GST05-2M □□□071C13	218
	21	0.8	25	0.8			81	45.000	GST04-2M □□□071C13	218
	21	1.9	25	1.9			80	44.500	GST05-2M □□□071C13	218
	20	1.8	24	1.8			82	46.259	GST05-3M □□□071C13	224
	19	1.5	23	1.5			90	50.050	GST05-2M □□□071C13	218
	19	3.0	23	3.0			89	49.500	GST06-2M □□□071C13	218
	17	3.0	20	3.0			101	56.250	GST06-2M □□□071C13	218
	16	1.5	20	1.5			102	56.875	GST05-2M □□□071C13	218



GST

GST [Nm] - MD□MA (IE1)

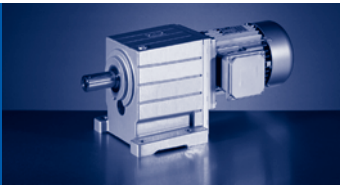
50 Hz: $P_N=0.18$ kW
60 Hz: $P_N=0.22$ kW

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						
	16	1.6	20	1.6			100	56.667	GST05-3M □□□071C13	224
	15	1.3	18	1.3			112	63.467	GST05-3M □□□071C13	224
	14	3.1	17	3.1			120	67.760	GST06-3M □□□071C13	224
	13	1.3	16	1.3			126	71.238	GST05-3M □□□071C13	224
	13	2.9	16	2.9			124	70.156	GST06-3M □□□071C13	224
	12	1.0	14	1.0			143	80.952	GST05-3M □□□071C13	224
	12	2.3	14	2.3			143	80.952	GST06-3M □□□071C13	224
	11	2.4	13	2.4			154	87.267	GST06-3M □□□071C13	224
	10	1.1	12	1.1			162	91.746	GST05-3M □□□071C13	224
	9.4	0.8	11	0.8			175	99.167	GST05-3M □□□071C13	224
	9.4	1.9	11	1.9			175	99.167	GST06-3M □□□071C13	224
	8.5	1.9	10	1.9			194	109.707	GST06-3M □□□071C13	224
	8	0.8	9.7	0.8			205	116.277	GST05-3M □□□071C13	224
	7.5	1.5	9.1	1.5			220	124.667	GST06-3M □□□071C13	224
	7.3	3.2	8.9	3.2			225	127.176	GST07-3M □□□071C13	224
	6.7	2.9	8.1	2.9			246	139.211	GST07-3M □□□071C13	224
	6.6	1.5	8	1.5			250	141.289	GST06-3M □□□071C13	224
	5.9	2.5	7.1	2.5			279	158.194	GST07-3M □□□071C13	224
	5.8	1.2	7	1.2			284	160.556	GST06-3M □□□071C13	224
	5.2	1.2	6.3	1.2			316	179.067	GST06-3M □□□071C13	224
	5.2	2.2	6.3	2.2			318	180.156	GST07-3M □□□071C13	224
	4.6	1.0	5.6	1.0			359	203.485	GST06-3M □□□071C13	224
	4.5	2.0	5.5	2.0			362	204.722	GST07-3M □□□071C13	224
	4	0.9	4.9	0.9			409	231.733	GST06-3M □□□071C13	224
	3.9	1.7	4.8	1.7			418	236.622	GST07-3M □□□071C13	224
	3.7	1.6	4.6	1.6			439	248.458	GST07-3M □□□071C13	224
	3.5	1.5	4.2	1.5			475	268.889	GST07-3M □□□071C13	224
	2.9	1.2	3.5	1.2			576	326.333	GST07-3M □□□071C13	224
	2.9	2.8	3.5	2.8			576	326.333	GST09-3M □□□071C13	224
	2.6	2.5	3.1	2.5			641	363.000	GST09-3M □□□071C13	224
	2.5	1.1	3.1	1.1			648	367.033	GST07-3M □□□071C13	224
	2.3	2.2	2.7	2.2			729	412.500	GST09-3M □□□071C13	224
	2.2	1.0	2.7	1.0			737	417.083	GST07-3M □□□071C13	224



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						
	1210	4.0	1478	3.8			2.0	2.240	GST04-1M □□□063C31	212
	949	3.8	1159	3.5			3.0	2.857	GST04-1M □□□063C31	212
	616	4.1	752	3.9			4.0	4.400	GST04-1M □□□063C31	212
	478	3.4	584	3.2			5.0	5.667	GST04-1M □□□063C31	212
	423	4.0	517	3.8			6.0	6.400	GST04-2M □□□063C31	218
	377	3.0	461	2.8			6.0	7.182	GST04-1M □□□063C31	212
	301	2.4	368	2.3			8.0	9.000	GST04-1M □□□063C31	212
	275	4.0	336	3.8			8.0	9.856	GST04-2M □□□063C31	218
	229	1.3	279	1.2			10	11.857	GST04-1M □□□063C31	212
	216	3.8	263	3.5			11	12.571	GST04-2M □□□063C31	218
	190	3.8	232	3.5			12	14.286	GST04-2M □□□063C31	218
	140	4.0	171	3.7			17	19.360	GST04-2M □□□063C31	218
	123	3.1	151	2.9			19	22.000	GST04-2M □□□063C31	218
	109	3.1	133	2.9			21	24.933	GST04-2M □□□063C31	218
	96	2.4	117	2.3			24	28.333	GST04-2M □□□063C31	218
	86	2.5	105	2.3			27	31.600	GST04-2M □□□063C31	218
	76	2.0	92	1.8			31	35.909	GST04-2M □□□063C31	218
	68	2.0	84	1.9			34	39.600	GST04-2M □□□063C31	218
	60	1.7	74	1.6			39	45.000	GST04-2M □□□063C31	218
	52	1.6	63	1.5			45	52.171	GST04-2M □□□063C31	218
	46	1.3	56	1.3			51	59.286	GST04-2M □□□063C31	218
	43	2.7	52	2.6			53	63.467	GST05-3M □□□063C31	224
	38	2.8	47	2.7			60	71.238	GST05-3M □□□063C31	224
	34	2.2	41	2.1			68	80.952	GST05-3M □□□063C31	224
	30	2.2	36	2.1			77	91.746	GST05-3M □□□063C31	224
	23	1.7	29	1.7			98	116.277	GST05-3M □□□063C31	224
	22	1.4	27	1.4			105	124.667	GST05-3M □□□063C31	224
	22	3.2	27	3.1			105	124.667	GST06-3M □□□063C31	224
	19	1.4	23	1.3			123	145.714	GST05-3M □□□063C31	224
	19	3.2	23	3.1			119	141.289	GST06-3M □□□063C31	224
	17	1.1	21	1.1			135	160.556	GST05-3M □□□063C31	224
	17	2.5	21	2.5			135	160.556	GST06-3M □□□063C31	224
	15	1.1	19	1.1			151	179.067	GST05-3M □□□063C31	224
	15	2.5	19	2.4			151	179.067	GST06-3M □□□063C31	224
	14	1.1	17	1.0			162	191.973	GST05-3M □□□063C31	224
	13	2.0	16	2.0			171	203.485	GST06-3M □□□063C31	224
	12	0.9	15	0.9			189	224.400	GST05-3M □□□063C31	224
	12	1.9	14	1.9			195	231.733	GST06-3M □□□063C31	224
	11	1.6	13	1.6			215	255.000	GST06-3M □□□063C31	224
	9.3	1.5	11	1.5			245	290.400	GST06-3M □□□063C31	224
	8.2	1.3	10	1.2			278	330.000	GST06-3M □□□063C31	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.25$ kW

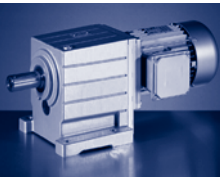
60 Hz: $P_N=0.31$ kW

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						
	7.1	1.2	8.7	1.1			322	382.590	GST06-3M □□□063C31	224
	6.2	1.0	7.6	1.0			366	434.762	GST06-3M □□□063C31	224



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				
	856	4.6	1044	4.4	1550	3.9	3.0	1.600	GST04-1M □□□063C42	212
	669	5.2	816	5.0	1211	4.4	4.0	2.048	GST04-1M □□□063C42	212
	612	4.6	746	4.4	1107	3.9	4.0	2.240	GST05-1M □□□063C42	212
	528	4.1	643	4.0	955	3.5	4.0	2.597	GST03-2M □□□063C42	218
	480	4.8	585	4.6	868	4.1	5.0	2.857	GST04-1M □□□063C42	212
	464	4.6	565	4.4	839	3.9	5.0	2.956	GST04-2M □□□063C42	218
	401	3.3	489	3.2	727	2.8	6.0	3.413	GST03-2M □□□063C42	218
	391	4.2	477	4.0	709	3.5	6.0	3.500	GST04-1M □□□063C42	212
	338	4.6	412	4.4	612	3.9	7.0	4.053	GST04-2M □□□063C42	218
	314	2.8	382	2.7	568	2.4	7.0	4.368	GST03-2M □□□063C42	218
	311	3.3	380	3.2	564	2.8	8.0	4.400	GST04-1M □□□063C42	212
	264	5.2	322	5.0	478	4.4	9.0	5.187	GST04-2M □□□063C42	218
	258	3.0	314	2.9	467	2.5	9.0	5.312	GST03-2M □□□063C42	218
	242	2.6	295	2.5	438	2.2	10	5.667	GST04-1M □□□063C42	212
	230	2.8	280	2.7	416	2.4	10	5.965	GST03-2M □□□063C42	218
	214	4.6	261	4.4	388	3.9	11	6.400	GST05-2M □□□063C42	218
	196	2.5	239	2.4	355	2.1	12	6.982	GST03-2M □□□063C42	218
	191	2.0	233	2.0	345	1.7	12	7.182	GST04-1M □□□063C42	212
	175	2.4	213	2.3	316	2.0	13	7.840	GST03-2M □□□063C42	218
	171	4.4	209	4.2	310	3.7	14	8.000	GST04-2M □□□063C42	218
	154	2.8	188	2.7	279	2.3	15	8.900	GST05-1M □□□063C42	212
	154	3.2	188	3.1	279	2.7	15	8.900	GST06-1M □□□063C42	212
	153	2.2	187	2.1	278	1.8	15	8.935	GST03-2M □□□063C42	218
	152	1.2	186	1.2	276	1.0	15	9.000	GST04-1M □□□063C42	212
	139	3.9	169	3.8	252	3.3	17	9.856	GST04-2M □□□063C42	218
	137	2.0	166	2.0	247	1.7	17	10.033	GST03-2M □□□063C42	218
	122	2.6	148	2.5	220	2.2	19	11.250	GST06-1M □□□063C42	212
	122	3.2	149	3.1	221	2.7	19	11.200	GST04-2M □□□063C42	218
	120	1.4	147	1.3	218	1.2	20	11.375	GST05-1M □□□063C42	212
	120	1.8	146	1.8	217	1.6	19	11.429	GST03-2M □□□063C42	218
	109	3.3	133	3.1	197	2.8	21	12.571	GST04-2M □□□063C42	218
	107	1.7	130	1.7	193	1.5	22	12.833	GST03-2M □□□063C42	218
	96	2.5	117	2.4	174	2.1	24	14.286	GST04-2M □□□063C42	218
	92	1.6	113	1.5	167	1.3	25	14.836	GST03-2M □□□063C42	218
	89	2.7	108	2.7	161	2.6	26	15.400	GST04-2M □□□063C42	218
	82	1.5	100	1.5	149	1.4	28	16.660	GST03-2M □□□063C42	218
	78	2.1	95	2.1	142	2.0	30	17.500	GST04-2M □□□063C42	218
	72	1.3	88	1.3	130	1.3	32	19.013	GST03-2M □□□063C42	218
	71	2.2	86	2.2	128	2.1	33	19.360	GST04-2M □□□063C42	218
	64	1.2	78	1.2	116	1.2	36	21.350	GST03-2M □□□063C42	218
	62	1.7	76	1.7	113	1.6	37	22.000	GST04-2M □□□063C42	218



GST

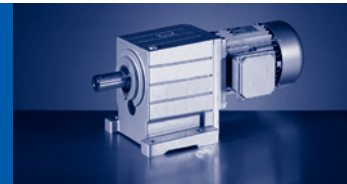
GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.25$ kW

60 Hz: $P_N=0.31$ kW

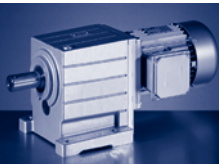
87 Hz: $P_N=0.45$ kW

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				
	56	1.1	68	1.1	101	1.0	42	24.595	GST03-2M □□□063C42	218
	55	1.7	67	1.7	100	1.6	42	24.933	GST04-2M □□□063C42	218
	50	1.0	61	1.0	90	0.9	47	27.618	GST03-2M □□□063C42	218
	48	1.3	59	1.3	88	1.3	48	28.333	GST04-2M □□□063C42	218
	48	3.1	59	3.1	88	3.0	48	28.333	GST05-2M □□□063C42	218
	43	0.8	52	0.8			54	32.000	GST03-2M □□□063C42	218
	43	1.4	53	1.4	79	1.3	53	31.600	GST04-2M □□□063C42	218
	43	3.0	52	3.0	77	2.9	55	32.267	GST05-2M □□□063C42	218
	38	1.1	47	1.1	69	1.0	61	35.909	GST04-2M □□□063C42	218
	38	2.2	46	2.2	68	2.1	60	36.267	GST05-3M □□□063C42	224
	37	2.4	46	2.4	68	2.3	62	36.667	GST05-2M □□□063C42	218
	35	1.1	42	1.1	63	1.1	67	39.600	GST04-2M □□□063C42	218
	35	2.5	43	2.5	63	2.4	66	39.160	GST05-2M □□□063C42	218
	35	3.2	43	3.2	63	3.1	66	39.160	GST06-2M □□□063C42	218
	31	2.0	38	2.0	56	2.0	75	44.500	GST05-2M □□□063C42	218
	31	3.2	38	3.2	56	3.2	75	44.500	GST06-2M □□□063C42	218
	30	0.9	37	0.9	55	0.9	76	45.000	GST04-2M □□□063C42	218
	30	1.9	36	1.9	54	1.9	77	46.259	GST05-3M □□□063C42	224
	28	2.6	34	2.6	50	2.6	84	49.500	GST06-2M □□□063C42	218
	27	1.4	33	1.4	50	1.4	85	50.050	GST05-2M □□□063C42	218
	24	1.4	29	1.4	44	1.4	96	56.875	GST05-2M □□□063C42	218
	24	1.6	30	1.6	44	1.6	94	56.667	GST05-3M □□□063C42	224
	24	2.6	30	2.6	44	2.6	95	56.250	GST06-2M □□□063C42	218
	22	1.4	26	1.4	39	1.4	106	63.467	GST05-3M □□□063C42	224
	20	3.1	24	3.1	35	3.1	117	70.156	GST06-3M □□□063C42	224
	20	3.2	25	3.2	37	3.2	113	67.760	GST06-3M □□□063C42	224
	19	1.4	23	1.4	35	1.4	119	71.238	GST05-3M □□□063C42	224
	17	1.1	21	1.1	31	1.1	135	80.952	GST05-3M □□□063C42	224
	17	2.5	21	2.5	31	2.5	135	80.952	GST06-3M □□□063C42	224
	16	2.5	19	2.5	28	2.5	145	87.267	GST06-3M □□□063C42	224
	15	1.1	18	1.1	27	1.1	153	91.746	GST05-3M □□□063C42	224
	14	0.9	17	0.9	25	0.9	165	99.167	GST05-3M □□□063C42	224
	14	2.0	17	2.0	25	2.0	165	99.167	GST06-3M □□□063C42	224
	13	2.1	15	2.1	23	2.1	183	109.707	GST06-3M □□□063C42	224
	12	0.9	14	0.9	21	0.9	194	116.277	GST05-3M □□□063C42	224
	11	1.6	13	1.6	20	1.6	208	124.667	GST06-3M □□□063C42	224
	9.8	3.0	12	3.0	18	3.0	232	139.211	GST07-3M □□□063C42	224
	9.7	1.6	12	1.6	18	1.6	235	141.289	GST06-3M □□□063C42	224
	8.7	2.7	11	2.7	16	2.7	263	158.194	GST07-3M □□□063C42	224
	8.5	1.3	10	1.3	15	1.3	267	160.556	GST06-3M □□□063C42	224
	7.7	1.3	9.3	1.3	14	1.3	298	179.067	GST06-3M □□□063C42	224



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				
	7.6	2.4	9.3	2.4	14	2.4	300	180.156	GST07-3M □□□063C42	224
	6.7	1.0	8.2	1.0	12	1.0	339	203.485	GST06-3M □□□063C42	224
	6.7	2.1	8.2	2.1	12	2.1	341	204.722	GST07-3M □□□063C42	224
	5.9	1.0	7.2	1.0	11	1.0	386	231.733	GST06-3M □□□063C42	224
	5.8	1.8	7.1	1.8	11	1.8	394	236.622	GST07-3M □□□063C42	224
	5.5	1.7	6.7	1.7	10	1.7	414	248.458	GST07-3M □□□063C42	224
	5.4	0.8	6.6	0.8	9.7	0.8	425	255.000	GST06-3M □□□063C42	224
	5.4	3.2	6.6	3.2	9.8	3.2	420	252.167	GST09-3M □□□063C42	224
	5.1	1.6	6.2	1.6	9.2	1.6	448	268.889	GST07-3M □□□063C42	224
	4.2	1.3	5.1	1.3	7.6	1.3	544	326.333	GST07-3M □□□063C42	224
	4.2	3.0	5.1	3.0	7.6	3.0	544	326.333	GST09-3M □□□063C42	224
	3.8	2.6	4.6	2.6	6.8	2.6	605	363.000	GST09-3M □□□063C42	224
	3.7	1.2	4.6	1.2	6.8	1.2	611	367.033	GST07-3M □□□063C42	224
	3.3	1.0	4	1.0	6	1.0	695	417.083	GST07-3M □□□063C42	224
	3.3	2.4	4.1	2.4	6	2.4	687	412.500	GST09-3M □□□063C42	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.25$ kW

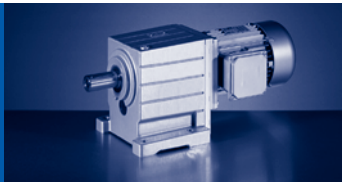
60 Hz: $P_N=0.3$ kW

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						
	581	3.9	706	3.9			4.0	1.600	GST04-1M □□□071C33	212
	454	4.4	552	4.4			5.0	2.048	GST04-1M □□□071C33	212
	415	3.9	505	3.9			6.0	2.240	GST05-1M □□□071C33	212
	326	3.5	396	3.5			7.0	2.857	GST04-1M □□□071C33	212
	315	3.9	382	3.9			7.0	2.956	GST04-2M □□□071C33	218
	266	2.8	323	2.8			9.0	3.500	GST04-1M □□□071C33	212
	229	3.9	279	3.9			10	4.053	GST04-2M □□□071C33	218
	211	2.3	257	2.3			11	4.400	GST04-1M □□□071C33	212
	179	3.9	218	3.9			13	5.187	GST04-2M □□□071C33	218
	164	1.7	199	1.7			14	5.667	GST04-1M □□□071C33	212
	164	3.1	199	3.1			14	5.667	GST05-1M □□□071C33	212
	145	3.5	177	3.5			16	6.400	GST04-2M □□□071C33	218
	132	3.2	161	3.2			18	7.040	GST04-2M □□□071C33	218
	130	1.4	157	1.4			18	7.182	GST04-1M □□□071C33	212
	127	2.5	154	2.5			19	7.333	GST05-1M □□□071C33	212
	127	3.1	154	3.1			19	7.333	GST06-1M □□□071C33	212
	116	3.0	141	3.0			20	8.000	GST04-2M □□□071C33	218
	105	1.9	127	1.9			23	8.900	GST05-1M □□□071C33	212
	105	2.7	127	2.7			23	8.900	GST06-1M □□□071C33	212
	103	1.0	126	1.0			23	9.000	GST04-1M □□□071C33	212
	103	2.8	125	2.8			22	9.010	GST04-2M □□□071C33	218
	94	2.6	115	2.6			25	9.856	GST04-2M □□□071C33	218
	83	2.2	101	2.2			28	11.200	GST04-2M □□□071C33	218
	83	2.2	100	2.2			28	11.250	GST06-1M □□□071C33	212
	82	1.1	99	1.1			29	11.375	GST05-1M □□□071C33	212
	74	2.2	90	2.2			31	12.571	GST04-2M □□□071C33	218
	65	1.7	79	1.7			36	14.286	GST04-2M □□□071C33	218
	65	3.1	79	3.1			36	14.356	GST05-2M □□□071C33	218
	60	1.8	73	1.8			38	15.400	GST04-2M □□□071C33	218
	57	3.1	70	3.1			40	16.190	GST05-2M □□□071C33	218
	53	1.4	65	1.4			44	17.500	GST04-2M □□□071C33	218
	48	1.5	58	1.5			48	19.360	GST04-2M □□□071C33	218
	46	3.2	56	3.2			50	20.044	GST05-2M □□□071C33	218
	42	1.1	51	1.1			55	22.000	GST04-2M □□□071C33	218
	41	2.5	50	2.5			57	22.778	GST05-2M □□□071C33	218
	37	1.2	45	1.2			62	24.933	GST04-2M □□□071C33	218
	37	2.6	45	2.6			62	24.933	GST05-2M □□□071C33	218
	33	0.9	40	0.9			71	28.333	GST04-2M □□□071C33	218
	33	2.1	40	2.1			71	28.333	GST05-2M □□□071C33	218
	29	0.9	36	0.9			79	31.600	GST04-2M □□□071C33	218
	29	2.0	35	2.0			80	32.267	GST05-2M □□□071C33	218



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						
	29	3.1	35	3.1			80	32.267	GST06-2M □□□071C33	218
	26	1.5	31	1.5			89	36.267	GST05-3M □□□071C33	224
	25	1.6	31	1.6			91	36.667	GST05-2M □□□071C33	218
	25	3.1	31	3.1			91	36.667	GST06-2M □□□071C33	218
	24	1.7	29	1.7			98	39.160	GST05-2M □□□071C33	218
	24	2.7	29	2.7			98	39.160	GST06-2M □□□071C33	218
	21	1.3	25	1.3			111	44.500	GST05-2M □□□071C33	218
	21	2.7	25	2.7			111	44.500	GST06-2M □□□071C33	218
	21	3.1	26	3.1			108	44.000	GST06-3M □□□071C33	224
	20	1.3	24	1.3			114	46.259	GST05-3M □□□071C33	224
	19	1.1	23	1.1			125	50.050	GST05-2M □□□071C33	218
	19	2.2	23	2.2			123	49.500	GST06-2M □□□071C33	218
	18	2.6	22	2.6			125	51.022	GST06-3M □□□071C33	224
	17	2.2	20	2.2			140	56.250	GST06-2M □□□071C33	218
	17	2.6	21	2.6			132	53.900	GST06-3M □□□071C33	224
	16	1.1	20	1.1			139	56.667	GST05-3M □□□071C33	224
	16	1.1	20	1.1			142	56.875	GST05-2M □□□071C33	218
	15	0.9	18	0.9			156	63.467	GST05-3M □□□071C33	224
	14	2.2	17	2.2			166	67.760	GST06-3M □□□071C33	224
	13	1.0	16	1.0			175	71.238	GST05-3M □□□071C33	224
	13	2.1	16	2.1			172	70.156	GST06-3M □□□071C33	224
	12	1.7	14	1.7			199	80.952	GST06-3M □□□071C33	224
	11	1.7	13	1.7			214	87.267	GST06-3M □□□071C33	224
	9.4	1.4	11	1.4			243	99.167	GST06-3M □□□071C33	224
	8.5	1.4	10	1.4			269	109.707	GST06-3M □□□071C33	224
	8.3	2.6	10	2.6			275	111.915	GST07-3M □□□071C33	224
	7.5	1.1	9.1	1.1			306	124.667	GST06-3M □□□071C33	224
	7.3	2.3	8.9	2.3			312	127.176	GST07-3M □□□071C33	224
	6.7	2.1	8.1	2.1			342	139.211	GST07-3M □□□071C33	224
	6.6	1.1	8	1.1			347	141.289	GST06-3M □□□071C33	224
	5.9	1.8	7.1	1.8			388	158.194	GST07-3M □□□071C33	224
	5.8	0.9	7	0.9			394	160.556	GST06-3M □□□071C33	224
	5.2	0.9	6.3	0.9			439	179.067	GST06-3M □□□071C33	224
	5.2	1.6	6.3	1.6			442	180.156	GST07-3M □□□071C33	224
	5.1	3.1	6.2	3.1			449	182.844	GST09-3M □□□071C33	224
	4.5	1.4	5.5	1.4			502	204.722	GST07-3M □□□071C33	224
	4.5	3.1	5.4	3.1			510	207.778	GST09-3M □□□071C33	224
	3.9	1.2	4.8	1.2			581	236.622	GST07-3M □□□071C33	224
	3.9	2.8	4.8	2.8			581	236.622	GST09-3M □□□071C33	224
	3.7	1.2	4.6	1.2			610	248.458	GST07-3M □□□071C33	224
	3.7	2.6	4.5	2.6			619	252.167	GST09-3M □□□071C33	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.25$ kW

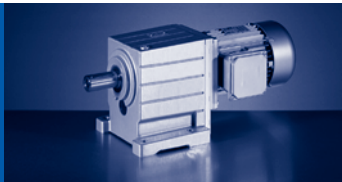
60 Hz: $P_N=0.3$ kW

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						
	3.5	1.1	4.2	1.1			660	268.889	GST07-3M □□□071C33	224
	3.5	2.5	4.2	2.5			660	268.889	GST09-3M □□□071C33	224
	2.9	0.9	3.5	0.9			801	326.333	GST07-3M □□□071C33	224
	2.9	2.0	3.5	2.0			801	326.333	GST09-3M □□□071C33	224
	2.6	1.8	3.1	1.8			891	363.000	GST09-3M □□□071C33	224
	2.3	1.6	2.7	1.6			1012	412.500	GST09-3M □□□071C33	224



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						
	952	5.6	1162	5.3			4.0	2.857	GST04-1M □□□071C11	212
	777	4.6	949	4.3			5.0	3.500	GST04-1M □□□071C11	212
	618	3.6	755	3.4			6.0	4.400	GST04-1M □□□071C11	212
	480	2.8	586	2.7			7.0	5.667	GST04-1M □□□071C11	212
	425	5.6	519	5.2			8.0	6.400	GST04-2M □□□071C11	218
	379	2.2	462	2.1			9.0	7.182	GST04-1M □□□071C11	212
	340	4.8	415	4.5			10	8.000	GST04-2M □□□071C11	218
	306	3.0	373	2.8			11	8.900	GST05-1M □□□071C11	212
	302	1.7	369	1.6			12	9.000	GST04-1M □□□071C11	212
	276	4.3	337	4.0			12	9.856	GST04-2M □□□071C11	218
	239	1.7	292	1.6			15	11.375	GST05-1M □□□071C11	212
	216	3.6	264	3.4			16	12.571	GST04-2M □□□071C11	218
	190	2.8	232	2.6			18	14.286	GST04-2M □□□071C11	218
	177	3.3	216	3.1			19	15.400	GST04-2M □□□071C11	218
	155	2.6	190	2.4			22	17.500	GST04-2M □□□071C11	218
	141	2.7	172	2.5			24	19.360	GST04-2M □□□071C11	218
	124	2.1	151	2.0			28	22.000	GST04-2M □□□071C11	218
	109	2.1	133	2.0			31	24.933	GST04-2M □□□071C11	218
	96	1.7	117	1.6			36	28.333	GST04-2M □□□071C11	218
	86	1.7	105	1.6			40	31.600	GST04-2M □□□071C11	218
	76	1.3	93	1.2			45	35.909	GST04-2M □□□071C11	218
	75	2.8	92	2.6			45	36.267	GST05-3M □□□071C11	224
	74	3.0	91	2.8			46	36.667	GST05-2M □□□071C11	218
	70	3.1	85	2.9			49	39.160	GST05-2M □□□071C11	218
	69	1.4	84	1.3			50	39.600	GST04-2M □□□071C11	218
	61	2.7	75	2.6			56	44.500	GST05-2M □□□071C11	218
	60	1.2	74	1.1			57	45.000	GST04-2M □□□071C11	218
	59	2.5	72	2.5			57	46.259	GST05-3M □□□071C11	224
	54	2.2	66	2.1			63	50.050	GST05-2M □□□071C11	218
	48	2.1	58	2.0			72	56.875	GST05-2M □□□071C11	218
	48	2.2	59	2.1			70	56.667	GST05-3M □□□071C11	224
	43	1.9	52	1.8			79	63.467	GST05-3M □□□071C11	224
	38	1.9	47	1.8			88	71.238	GST05-3M □□□071C11	224
	34	1.5	41	1.4			101	80.952	GST05-3M □□□071C11	224
	30	1.5	36	1.5			114	91.746	GST05-3M □□□071C11	224
	27	1.2	34	1.2			123	99.167	GST05-3M □□□071C11	224
	27	2.7	34	2.6			123	99.167	GST06-3M □□□071C11	224
	25	2.8	30	2.7			136	109.707	GST06-3M □□□071C11	224
	23	1.2	29	1.1			144	116.277	GST05-3M □□□071C11	224
	22	1.0	27	0.9			155	124.667	GST05-3M □□□071C11	224
	22	2.2	27	2.1			155	124.667	GST06-3M □□□071C11	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.37$ kW

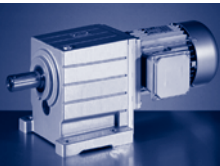
60 Hz: $P_N=0.45$ kW

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						
	19	0.9	23	0.9			181	145.714	GST05-3M □□□071C11	224
	19	2.1	24	2.1			175	141.289	GST06-3M □□□071C11	224
	17	1.7	21	1.7			199	160.556	GST06-3M □□□071C11	224
	15	1.7	19	1.6			222	179.067	GST06-3M □□□071C11	224
	15	3.2	18	3.1			224	180.156	GST07-3M □□□071C11	224
	13	1.4	16	1.3			253	203.485	GST06-3M □□□071C11	224
	13	2.8	16	2.7			254	204.722	GST07-3M □□□071C11	224
	12	1.3	14	1.3			288	231.733	GST06-3M □□□071C11	224
	12	2.4	14	2.3			294	236.622	GST07-3M □□□071C11	224
	11	1.1	13	1.1			317	255.000	GST06-3M □□□071C11	224
	11	2.3	13	2.2			308	248.458	GST07-3M □□□071C11	224
	10	2.1	12	2.1			334	268.889	GST07-3M □□□071C11	224
	9.4	1.0	11	1.0			361	290.400	GST06-3M □□□071C11	224
	8.3	1.8	10	1.7			405	326.333	GST07-3M □□□071C11	224
	8.2	0.9	10	0.8			410	330.000	GST06-3M □□□071C11	224
	7.4	1.6	9.1	1.5			456	367.033	GST07-3M □□□071C11	224
	6.6	3.2	8.1	3.1			512	412.500	GST09-3M □□□071C11	224
	6.5	1.4	8	1.3			518	417.083	GST07-3M □□□071C11	224



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				
	881	4.0	1069	3.8	1575	3.3	4.0	1.600	GST04-1M □□□071C32	212
	689	4.5	835	4.3	1231	3.8	5.0	2.048	GST04-1M □□□071C32	212
	630	4.0	763	3.8	1125	3.3	6.0	2.240	GST05-1M □□□071C32	212
	543	2.9	658	2.7	970	2.4	6.0	2.597	GST03-2M □□□071C32	218
	494	3.6	599	3.4	882	3.0	7.0	2.857	GST04-1M □□□071C32	212
	477	4.0	579	3.8	853	3.3	7.0	2.956	GST04-2M □□□071C32	218
	413	2.3	501	2.2	738	2.0	8.0	3.413	GST03-2M □□□071C32	218
	403	2.9	489	2.8	720	2.4	9.0	3.500	GST04-1M □□□071C32	212
	348	4.0	422	3.8	622	3.3	10	4.053	GST04-2M □□□071C32	218
	323	2.0	392	1.9	577	1.7	11	4.368	GST03-2M □□□071C32	218
	321	2.3	389	2.2	573	1.9	11	4.400	GST04-1M □□□071C32	212
	272	4.0	330	3.8	486	3.3	13	5.187	GST04-2M □□□071C32	218
	265	2.1	322	2.0	474	1.7	13	5.312	GST03-2M □□□071C32	218
	249	1.8	302	1.7	445	1.5	14	5.667	GST04-1M □□□071C32	212
	249	3.2	302	3.0	445	2.7	14	5.667	GST05-1M □□□071C32	212
	236	2.0	287	1.9	422	1.7	15	5.965	GST03-2M □□□071C32	218
	220	3.5	267	3.4	394	3.0	16	6.400	GST04-2M □□□071C32	218
	202	1.8	245	1.7	361	1.5	17	6.982	GST03-2M □□□071C32	218
	196	1.4	238	1.4	351	1.2	18	7.182	GST04-1M □□□071C32	212
	192	2.6	233	2.5	344	2.2	18	7.333	GST05-1M □□□071C32	212
	192	3.2	233	3.0	344	2.7	18	7.333	GST06-1M □□□071C32	212
	180	1.7	218	1.6	321	1.4	19	7.840	GST03-2M □□□071C32	218
	176	3.0	214	2.9	315	2.5	19	8.000	GST04-2M □□□071C32	218
	158	1.5	191	1.4	282	1.3	22	8.935	GST03-2M □□□071C32	218
	158	1.9	192	1.8	283	1.6	22	8.900	GST05-1M □□□071C32	212
	158	2.8	192	2.7	283	2.3	22	8.900	GST06-1M □□□071C32	212
	157	1.1	190	1.0	280	0.9	22	9.000	GST04-1M □□□071C32	212
	157	2.9	190	2.7	280	2.4	22	9.010	GST04-2M □□□071C32	218
	143	2.7	174	2.6	256	2.3	24	9.856	GST04-2M □□□071C32	218
	141	1.4	170	1.4	251	1.2	24	10.033	GST03-2M □□□071C32	218
	126	2.2	153	2.1	225	1.9	27	11.200	GST04-2M □□□071C32	218
	125	2.2	152	2.2	224	1.9	28	11.250	GST06-1M □□□071C32	212
	124	1.1	150	1.1	222	0.9	28	11.375	GST05-1M □□□071C32	212
	123	1.3	150	1.2	221	1.1	28	11.429	GST03-2M □□□071C32	218
	112	2.3	136	2.2	201	1.9	31	12.571	GST04-2M □□□071C32	218
	110	1.2	133	1.2	196	1.0	31	12.833	GST03-2M □□□071C32	218
	99	1.8	120	1.7	176	1.5	35	14.286	GST04-2M □□□071C32	218
	98	3.2	119	3.0	176	2.7	35	14.356	GST05-2M □□□071C32	218
	95	1.1	115	1.0	170	0.9	36	14.836	GST03-2M □□□071C32	218
	92	1.9	111	1.9	164	1.8	37	15.400	GST04-2M □□□071C32	218
	87	3.2	106	3.2	156	3.0	39	16.190	GST05-2M □□□071C32	218



GST

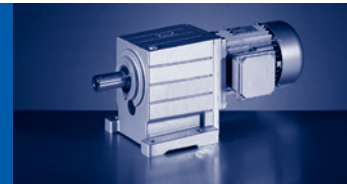
GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.37$ kW

60 Hz: $P_N=0.45$ kW

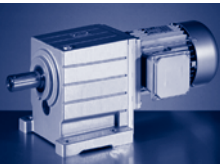
87 Hz: $P_N=0.66$ kW

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				
	85	1.0	103	1.0	151	1.0	41	16.660	GST03-2M □□□071C32	218
	81	1.5	98	1.5	144	1.4	43	17.500	GST04-2M □□□071C32	218
	74	0.9	90	0.9	133	0.9	46	19.013	GST03-2M □□□071C32	218
	73	1.5	88	1.5	130	1.4	47	19.360	GST04-2M □□□071C32	218
	66	0.9	80	0.9	118	0.8	52	21.350	GST03-2M □□□071C32	218
	64	1.2	78	1.2	115	1.1	54	22.000	GST04-2M □□□071C32	218
	62	2.6	75	2.6	111	2.5	55	22.778	GST05-2M □□□071C32	218
	57	1.2	69	1.2	101	1.1	61	24.933	GST04-2M □□□071C32	218
	57	2.7	69	2.7	101	2.6	61	24.933	GST05-2M □□□071C32	218
	50	0.9	60	0.9	89	0.9	69	28.333	GST04-2M □□□071C32	218
	50	2.1	60	2.1	89	2.0	69	28.333	GST05-2M □□□071C32	218
	45	0.9	54	0.9	80	0.9	77	31.600	GST04-2M □□□071C32	218
	44	2.1	53	2.1	78	2.0	78	32.267	GST05-2M □□□071C32	218
	44	3.2	53	3.2	78	3.0	78	32.267	GST06-2M □□□071C32	218
	39	1.6	47	1.6	70	1.5	87	36.267	GST05-3M □□□071C32	224
	39	1.7	47	1.7	69	1.6	89	36.667	GST05-2M □□□071C32	218
	39	3.2	47	3.2	69	3.0	89	36.667	GST06-2M □□□071C32	218
	36	1.7	44	1.7	64	1.7	95	39.160	GST05-2M □□□071C32	218
	36	2.8	44	2.8	64	2.7	95	39.160	GST06-2M □□□071C32	218
	32	1.4	38	1.4	57	1.4	108	44.500	GST05-2M □□□071C32	218
	32	2.8	38	2.8	57	2.8	108	44.500	GST06-2M □□□071C32	218
	32	3.2	39	3.2	57	3.2	105	44.000	GST06-3M □□□071C32	224
	31	1.3	37	1.3	55	1.3	111	46.259	GST05-3M □□□071C32	224
	29	2.2	35	2.2	51	2.2	120	49.500	GST06-2M □□□071C32	218
	28	1.1	34	1.1	50	1.1	122	50.050	GST05-2M □□□071C32	218
	28	2.7	34	2.7	49	2.7	122	51.022	GST06-3M □□□071C32	224
	26	2.7	32	2.7	47	2.7	129	53.900	GST06-3M □□□071C32	224
	25	1.1	30	1.1	45	1.1	136	56.667	GST05-3M □□□071C32	224
	25	1.1	30	1.1	44	1.1	138	56.875	GST05-2M □□□071C32	218
	25	2.2	30	2.2	45	2.2	137	56.250	GST06-2M □□□071C32	218
	22	1.0	27	1.0	40	1.0	152	63.467	GST05-3M □□□071C32	224
	21	2.3	25	2.3	37	2.3	162	67.760	GST06-3M □□□071C32	224
	20	1.0	24	1.0	35	1.0	171	71.238	GST05-3M □□□071C32	224
	20	2.1	24	2.1	36	2.1	168	70.156	GST06-3M □□□071C32	224
	17	1.7	21	1.7	31	1.7	194	80.952	GST06-3M □□□071C32	224
	16	1.8	20	1.8	29	1.8	209	87.267	GST06-3M □□□071C32	224
	14	1.4	17	1.4	25	1.4	238	99.167	GST06-3M □□□071C32	224
	13	1.4	16	1.4	23	1.4	263	109.707	GST06-3M □□□071C32	224
	13	2.6	15	2.6	23	2.6	268	111.915	GST07-3M □□□071C32	224
	11	1.1	14	1.1	20	1.1	299	124.667	GST06-3M □□□071C32	224
	11	2.3	13	2.3	20	2.3	305	127.176	GST07-3M □□□071C32	224



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				
	10	1.1	12	1.1	18	1.1	338	141.289	GST06-3M □□□071C32	224
	10	2.1	12	2.1	18	2.1	333	139.211	GST07-3M □□□071C32	224
	8.9	1.9	11	1.9	16	1.9	379	158.194	GST07-3M □□□071C32	224
	8.8	0.9	11	0.9	16	0.9	385	160.556	GST06-3M □□□071C32	224
	7.9	0.9	9.6	0.9	14	0.9	429	179.067	GST06-3M □□□071C32	224
	7.8	1.6	9.5	1.6	14	1.6	431	180.156	GST07-3M □□□071C32	224
	7.7	3.2	9.4	3.2	14	3.2	438	182.844	GST09-3M □□□071C32	224
	6.9	1.5	8.4	1.5	12	1.5	490	204.722	GST07-3M □□□071C32	224
	6.8	3.2	8.2	3.2	12	3.2	498	207.778	GST09-3M □□□071C32	224
	6	1.3	7.2	1.3	11	1.3	567	236.622	GST07-3M □□□071C32	224
	6	2.9	7.2	2.9	11	2.9	567	236.622	GST09-3M □□□071C32	224
	5.7	1.2	6.9	1.2	10	1.2	595	248.458	GST07-3M □□□071C32	224
	5.6	2.7	6.8	2.7	10	2.7	604	252.167	GST09-3M □□□071C32	224
	5.2	1.1	6.4	1.1	9.4	1.1	644	268.889	GST07-3M □□□071C32	224
	5.2	2.5	6.4	2.5	9.4	2.5	644	268.889	GST09-3M □□□071C32	224
	4.3	0.9	5.2	0.9	7.7	0.9	782	326.333	GST07-3M □□□071C32	224
	4.3	2.1	5.2	2.1	7.7	2.1	782	326.333	GST09-3M □□□071C32	224
	3.9	1.9	4.7	1.9	6.9	1.9	869	363.000	GST09-3M □□□071C32	224
	3.8	0.8	4.7	0.8	6.9	0.8	879	367.033	GST07-3M □□□071C32	224
	3.4	1.6	4.2	1.6	6.1	1.6	988	412.500	GST09-3M □□□071C32	224



GST

GST [Nm] - MD□MA (IE1)

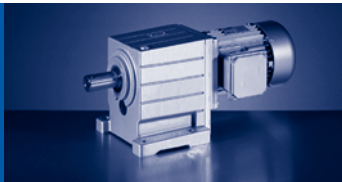
50 Hz: $P_N=0.37$ kW
60 Hz: $P_N=0.45$ kW

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						
	594	3.3	719	3.3			6.0	1.600	GST04-1M □□□080C13	212
	464	3.0	562	3.0			8.0	2.048	GST04-1M □□□080C13	212
	424	3.0	513	3.0			8.0	2.240	GST04-1M □□□080C13	212
	333	2.4	403	2.4			11	2.857	GST04-1M □□□080C13	212
	321	3.7	389	3.7			11	2.956	GST04-2M □□□080C13	218
	271	2.0	329	2.0			13	3.500	GST04-1M □□□080C13	212
	234	3.1	284	3.1			15	4.053	GST04-2M □□□080C13	218
	216	1.6	261	1.6			16	4.400	GST04-1M □□□080C13	212
	209	3.2	252	3.2			17	4.556	GST05-1M □□□080C13	212
	208	2.9	252	2.9			17	4.571	GST04-2M □□□080C13	218
	183	2.7	222	2.7			19	5.187	GST04-2M □□□080C13	218
	168	1.2	203	1.2			21	5.667	GST04-1M □□□080C13	212
	168	2.6	203	2.6			21	5.667	GST05-1M □□□080C13	212
	162	2.5	197	2.5			21	5.850	GST04-2M □□□080C13	218
	148	2.4	180	2.4			23	6.400	GST04-2M □□□080C13	218
	135	2.2	163	2.2			25	7.040	GST04-2M □□□080C13	218
	130	1.7	157	1.7			27	7.333	GST05-1M □□□080C13	212
	119	2.0	144	2.0			29	8.000	GST04-2M □□□080C13	218
	107	1.3	129	1.3			33	8.900	GST05-1M □□□080C13	212
	107	2.6	129	2.6			33	8.900	GST06-1M □□□080C13	212
	105	1.9	128	1.9			33	9.010	GST04-2M □□□080C13	218
	96	1.8	117	1.8			36	9.856	GST04-2M □□□080C13	218
	85	1.5	103	1.5			40	11.200	GST04-2M □□□080C13	218
	85	3.2	103	3.2			40	11.200	GST05-2M □□□080C13	218
	84	1.5	102	1.5			41	11.250	GST06-1M □□□080C13	212
	84	2.8	102	2.8			41	11.250	GST07-1M □□□080C13	212
	76	1.5	92	1.5			45	12.571	GST04-2M □□□080C13	218
	73	2.9	88	2.9			47	13.016	GST05-2M □□□080C13	218
	67	1.2	81	1.2			52	14.286	GST04-2M □□□080C13	218
	66	2.7	80	2.7			52	14.356	GST05-2M □□□080C13	218
	62	1.3	75	1.3			56	15.400	GST04-2M □□□080C13	218
	59	2.5	71	2.5			58	16.190	GST05-2M □□□080C13	218
	54	1.0	66	1.0			63	17.500	GST04-2M □□□080C13	218
	54	2.3	66	2.3			63	17.500	GST05-2M □□□080C13	218
	49	1.0	59	1.0			70	19.360	GST04-2M □□□080C13	218
	47	2.2	57	2.2			72	20.044	GST05-2M □□□080C13	218
	42	1.8	51	1.8			82	22.778	GST05-2M □□□080C13	218
	38	1.8	46	1.8			90	24.933	GST05-2M □□□080C13	218
	34	1.4	41	1.4			102	28.333	GST05-2M □□□080C13	218
	34	3.1	41	3.1			102	28.333	GST06-2M □□□080C13	218
	29	1.4	36	1.4			116	32.267	GST05-2M □□□080C13	218



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						
	29	3.1	36	3.1			116	32.267	GST06-2M □□□080C13	218
	26	1.0	32	1.0			129	36.267	GST05-3M □□□080C13	224
	26	1.1	31	1.1			132	36.667	GST05-2M □□□080C13	218
	26	2.4	31	2.4			132	36.667	GST06-2M □□□080C13	218
	24	1.2	29	1.2			141	39.160	GST05-2M □□□080C13	218
	24	2.3	29	2.3			139	39.200	GST06-3M □□□080C13	224
	24	2.6	29	2.6			141	39.160	GST06-2M □□□080C13	218
	22	2.1	26	2.1			156	44.000	GST06-3M □□□080C13	224
	21	0.9	26	0.9			161	44.500	GST05-2M □□□080C13	218
	21	0.9	25	0.9			164	46.259	GST05-3M □□□080C13	224
	21	2.0	26	2.0			161	44.500	GST06-2M □□□080C13	218
	19	1.6	23	1.6			179	49.500	GST06-2M □□□080C13	218
	19	1.8	23	1.8			181	51.022	GST06-3M □□□080C13	224
	19	2.8	23	2.8			179	49.500	GST07-2M □□□080C13	218
	18	1.8	21	1.8			192	53.900	GST06-3M □□□080C13	224
	17	1.6	20	1.6			203	56.250	GST06-2M □□□080C13	218
	17	2.8	20	2.8			203	56.250	GST07-2M □□□080C13	218
	15	3.1	18	3.1			231	65.079	GST07-3M □□□080C13	224
	14	1.4	16	1.4			249	70.156	GST06-3M □□□080C13	224
	14	1.5	17	1.5			241	67.760	GST06-3M □□□080C13	224
	14	2.8	16	2.8			249	70.156	GST07-3M □□□080C13	224
	12	1.2	14	1.2			288	80.952	GST06-3M □□□080C13	224
	12	2.5	14	2.5			284	79.762	GST07-3M □□□080C13	224
	11	1.2	13	1.2			310	87.267	GST06-3M □□□080C13	224
	11	2.3	13	2.3			306	85.983	GST07-3M □□□080C13	224
	9.7	2.0	12	2.0			347	97.708	GST07-3M □□□080C13	224
	9.6	1.0	12	1.0			353	99.167	GST06-3M □□□080C13	224
	8.7	1.0	11	1.0			390	109.707	GST06-3M □□□080C13	224
	8.5	1.8	10	1.8			398	111.915	GST07-3M □□□080C13	224
	7.5	1.6	9	1.6			452	127.176	GST07-3M □□□080C13	224
	6.8	1.4	8.3	1.4			495	139.211	GST07-3M □□□080C13	224
	6.7	3.2	8.1	3.2			502	141.289	GST09-3M □□□080C13	224
	6	1.3	7.3	1.3			562	158.194	GST07-3M □□□080C13	224
	5.9	2.8	7.2	2.8			571	160.556	GST09-3M □□□080C13	224
	5.3	1.1	6.4	1.1			640	180.156	GST07-3M □□□080C13	224
	5.2	2.5	6.3	2.5			650	182.844	GST09-3M □□□080C13	224
	4.6	1.0	5.6	1.0			728	204.722	GST07-3M □□□080C13	224
	4.6	2.2	5.5	2.2			739	207.778	GST09-3M □□□080C13	224
	4	0.8	4.9	0.8			841	236.622	GST07-3M □□□080C13	224
	4	1.9	4.9	1.9			841	236.622	GST09-3M □□□080C13	224
	4	3.2	4.9	3.2			841	236.622	GST11-3M □□□080C13	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.37$ kW

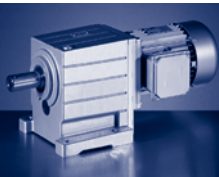
60 Hz: $P_N=0.45$ kW

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						
	3.8	0.8	4.6	0.8			883	248.458	GST07-3M □□□080C13	224
	3.8	1.8	4.6	1.8			896	252.167	GST09-3M □□□080C13	224
	3.8	3.1	4.6	3.1			896	252.167	GST11-3M □□□080C13	224
	3.5	1.7	4.3	1.7			956	268.889	GST09-3M □□□080C13	224
	3.5	3.0	4.3	3.0			956	268.889	GST11-3M □□□080C13	224
	2.9	1.4	3.5	1.4			1160	326.333	GST09-3M □□□080C13	224
	2.9	2.5	3.5	2.5			1160	326.333	GST11-3M □□□080C13	224
	2.6	1.3	3.2	1.3			1290	363.000	GST09-3M □□□080C13	224
	2.6	2.1	3.2	2.1			1290	363.000	GST11-3M □□□080C13	224
	2.3	1.1	2.8	1.1			1466	412.500	GST09-3M □□□080C13	224
	2.3	1.9	2.8	1.9			1466	412.500	GST11-3M □□□080C13	224



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						
	1644	4.1	2019	3.8			3.0	1.600	GST04-1M □□□071C31	212
	1284	4.7	1577	4.4			4.0	2.048	GST04-1M □□□071C31	212
	1174	4.1	1442	3.8			4.0	2.240	GST05-1M □□□071C31	212
	921	3.7	1131	3.4			6.0	2.857	GST04-1M □□□071C31	212
	890	4.1	1093	3.8			6.0	2.956	GST04-2M □□□071C31	218
	751	3.0	923	2.8			7.0	3.500	GST04-1M □□□071C31	212
	649	4.1	797	3.8			8.0	4.053	GST04-2M □□□071C31	218
	598	2.4	734	2.2			9.0	4.400	GST04-1M □□□071C31	212
	507	4.1	623	3.9			10	5.187	GST04-2M □□□071C31	218
	464	1.9	570	1.7			11	5.667	GST04-1M □□□071C31	212
	411	3.7	505	3.4			12	6.400	GST04-2M □□□071C31	218
	366	1.5	450	1.4			14	7.182	GST04-1M □□□071C31	212
	359	2.7	441	2.5			14	7.333	GST05-1M □□□071C31	212
	329	3.2	404	2.9			16	8.000	GST04-2M □□□071C31	218
	296	2.0	363	1.9			18	8.900	GST05-1M □□□071C31	212
	296	2.9	363	2.7			18	8.900	GST06-1M □□□071C31	212
	292	1.1	359	1.0			18	9.000	GST04-1M □□□071C31	212
	292	3.0	359	2.8			18	9.010	GST04-2M □□□071C31	218
	267	2.8	328	2.6			19	9.856	GST04-2M □□□071C31	218
	235	2.3	288	2.1			22	11.200	GST04-2M □□□071C31	218
	234	2.3	287	2.2			22	11.250	GST06-1M □□□071C31	212
	231	1.1	284	1.1			22	11.375	GST05-1M □□□071C31	212
	209	2.4	257	2.2			24	12.571	GST04-2M □□□071C31	218
	184	1.8	226	1.7			28	14.286	GST04-2M □□□071C31	218
	171	2.2	210	2.1			30	15.400	GST04-2M □□□071C31	218
	150	1.7	185	1.6			34	17.500	GST04-2M □□□071C31	218
	136	1.8	167	1.7			38	19.360	GST04-2M □□□071C31	218
	120	1.4	147	1.3			43	22.000	GST04-2M □□□071C31	218
	116	3.1	142	2.9			44	22.778	GST05-2M □□□071C31	218
	106	1.4	130	1.3			48	24.933	GST04-2M □□□071C31	218
	106	3.2	130	3.0			48	24.933	GST05-2M □□□071C31	218
	93	1.1	114	1.0			55	28.333	GST04-2M □□□071C31	218
	93	2.5	114	2.4			55	28.333	GST05-2M □□□071C31	218
	83	1.1	102	1.0			61	31.600	GST04-2M □□□071C31	218
	82	2.5	100	2.3			63	32.267	GST05-2M □□□071C31	218
	73	0.9	90	0.8			70	35.909	GST04-2M □□□071C31	218
	73	1.8	89	1.7			69	36.267	GST05-3M □□□071C31	224
	72	2.0	88	1.8			71	36.667	GST05-2M □□□071C31	218
	67	2.1	83	1.9			76	39.160	GST05-2M □□□071C31	218
	66	0.9	82	0.8			77	39.600	GST04-2M □□□071C31	218
	59	1.7	73	1.7			86	44.500	GST05-2M □□□071C31	218



GST

GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.55$ kW

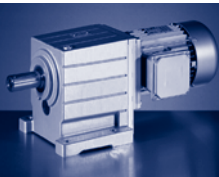
60 Hz: $P_N=0.68$ kW

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						
	57	1.7	70	1.6			88	46.259	GST05-3M □□□071C31	224
	53	1.4	65	1.4			97	50.050	GST05-2M □□□071C31	218
	53	2.8	65	2.8			96	49.500	GST06-2M □□□071C31	218
	47	2.8	57	2.8			109	56.250	GST06-2M □□□071C31	218
	46	1.4	57	1.3			110	56.875	GST05-2M □□□071C31	218
	46	1.4	57	1.4			108	56.667	GST05-3M □□□071C31	224
	41	1.2	51	1.2			121	63.467	GST05-3M □□□071C31	224
	39	2.8	48	2.8			129	67.760	GST06-3M □□□071C31	224
	38	2.7	46	2.6			134	70.156	GST06-3M □□□071C31	224
	37	1.2	45	1.2			136	71.238	GST05-3M □□□071C31	224
	33	1.0	40	0.9			155	80.952	GST05-3M □□□071C31	224
	33	2.2	40	2.1			155	80.952	GST06-3M □□□071C31	224
	30	2.2	37	2.2			167	87.267	GST06-3M □□□071C31	224
	29	1.0	35	1.0			175	91.746	GST05-3M □□□071C31	224
	27	1.8	33	1.7			189	99.167	GST06-3M □□□071C31	224
	24	1.8	29	1.8			209	109.707	GST06-3M □□□071C31	224
	21	1.4	26	1.4			238	124.667	GST06-3M □□□071C31	224
	21	2.9	25	2.9			243	127.176	GST07-3M □□□071C31	224
	19	1.4	23	1.4			270	141.289	GST06-3M □□□071C31	224
	19	2.7	23	2.6			266	139.211	GST07-3M □□□071C31	224
	17	2.4	20	2.3			302	158.194	GST07-3M □□□071C31	224
	16	1.1	20	1.1			306	160.556	GST06-3M □□□071C31	224
	15	1.1	18	1.1			342	179.067	GST06-3M □□□071C31	224
	15	2.1	18	2.0			344	180.156	GST07-3M □□□071C31	224
	13	0.9	16	0.9			388	203.485	GST06-3M □□□071C31	224
	13	1.8	16	1.8			391	204.722	GST07-3M □□□071C31	224
	11	0.9	14	0.8			442	231.733	GST06-3M □□□071C31	224
	11	1.5	13	1.5			474	248.458	GST07-3M □□□071C31	224
	11	1.6	14	1.5			452	236.622	GST07-3M □□□071C31	224
	9.8	1.4	12	1.4			513	268.889	GST07-3M □□□071C31	224
	9.8	3.2	12	3.1			513	268.889	GST09-3M □□□071C31	224
	8.1	1.1	9.9	1.1			623	326.333	GST07-3M □□□071C31	224
	8.1	2.6	9.9	2.5			623	326.333	GST09-3M □□□071C31	224
	7.3	2.3	8.9	2.3			693	363.000	GST09-3M □□□071C31	224
	7.2	1.0	8.8	1.0			701	367.033	GST07-3M □□□071C31	224
	6.4	2.1	7.8	2.0			787	412.500	GST09-3M □□□071C31	224
	6.3	0.9	7.7	0.9			796	417.083	GST07-3M □□□071C31	224



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				
	878	3.3	1066	3.1	1572	2.7	6.0	1.600	GST04-1M □□□071C42	212
	686	3.0	833	2.9	1228	2.6	8.0	2.048	GST04-1M □□□071C42	212
	627	3.0	761	2.9	1123	2.5	8.0	2.240	GST04-1M □□□071C42	212
	541	1.9	657	1.8	968	1.6	9.0	2.597	GST03-2M □□□071C42	218
	492	2.4	597	2.3	880	2.0	11	2.857	GST04-1M □□□071C42	212
	475	3.7	577	3.5	851	3.1	11	2.956	GST04-2M □□□071C42	218
	412	1.6	500	1.5	737	1.3	12	3.413	GST03-2M □□□071C42	218
	401	1.9	487	1.9	719	1.6	13	3.500	GST04-1M □□□071C42	212
	347	3.1	421	2.9	621	2.6	15	4.053	GST04-2M □□□071C42	218
	322	1.3	390	1.3	576	1.1	16	4.368	GST03-2M □□□071C42	218
	319	1.5	388	1.5	572	1.3	16	4.400	GST04-1M □□□071C42	212
	308	3.2	374	3.1	552	2.7	17	4.556	GST05-1M □□□071C42	212
	307	2.9	373	2.8	550	2.4	17	4.571	GST04-2M □□□071C42	218
	271	2.7	329	2.6	485	2.2	19	5.187	GST04-2M □□□071C42	218
	265	1.4	321	1.3	473	1.2	19	5.312	GST03-2M □□□071C42	218
	248	1.2	301	1.2	444	1.0	21	5.667	GST04-1M □□□071C42	212
	248	2.6	301	2.5	444	2.2	21	5.667	GST05-1M □□□071C42	212
	248	3.2	301	3.0	444	2.7	21	5.667	GST06-1M □□□071C42	212
	240	2.5	291	2.4	430	2.1	21	5.850	GST04-2M □□□071C42	218
	236	1.3	286	1.3	422	1.1	22	5.965	GST03-2M □□□071C42	218
	220	2.4	266	2.3	393	2.0	23	6.400	GST04-2M □□□071C42	218
	201	1.2	244	1.1	360	1.0	25	6.982	GST03-2M □□□071C42	218
	200	2.2	242	2.1	357	1.9	26	7.040	GST04-2M □□□071C42	218
	192	1.7	233	1.7	343	1.5	27	7.333	GST05-1M □□□071C42	212
	192	2.9	233	2.8	343	2.4	27	7.333	GST06-1M □□□071C42	212
	179	1.1	218	1.1	321	0.9	28	7.840	GST03-2M □□□071C42	218
	176	2.0	213	1.9	314	1.7	29	8.000	GST04-2M □□□071C42	218
	158	1.3	192	1.2	283	1.1	33	8.900	GST05-1M □□□071C42	212
	158	2.4	192	2.3	283	2.0	33	8.900	GST06-1M □□□071C42	212
	157	1.0	191	1.0	282	0.9	32	8.935	GST03-2M □□□071C42	218
	156	1.9	189	1.8	279	1.6	33	9.010	GST04-2M □□□071C42	218
	143	1.8	173	1.7	255	1.5	36	9.856	GST04-2M □□□071C42	218
	140	1.0	170	0.9			36	10.033	GST03-2M □□□071C42	218
	125	1.4	152	1.3	224	1.2	41	11.250	GST06-1M □□□071C42	212
	125	1.5	152	1.4	225	1.2	41	11.200	GST04-2M □□□071C42	218
	125	3.1	152	3.0	225	2.6	41	11.200	GST05-2M □□□071C42	218
	123	0.9	149	0.8			41	11.429	GST03-2M □□□071C42	218
	112	1.5	136	1.5	200	1.3	46	12.571	GST04-2M □□□071C42	218
	110	0.8					47	12.833	GST03-2M □□□071C42	218
	108	2.9	131	2.8	193	2.5	47	13.016	GST05-2M □□□071C42	218
	98	1.2	119	1.1	176	1.0	52	14.286	GST04-2M □□□071C42	218



GST

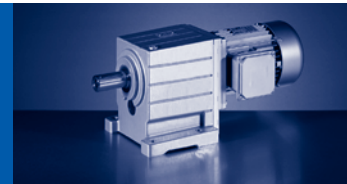
GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.55$ kW

60 Hz: $P_N=0.68$ kW

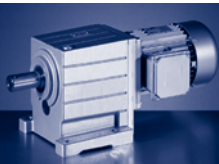
87 Hz: $P_N=1.0$ kW

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				
	98	2.7	119	2.6	175	2.3	52	14.356	GST05-2M □□□071C42	218
	91	1.3	111	1.3	163	1.2	56	15.400	GST04-2M □□□071C42	218
	87	2.5	105	2.5	155	2.4	59	16.190	GST05-2M □□□071C42	218
	80	1.0	97	1.0	144	0.9	64	17.500	GST04-2M □□□071C42	218
	80	2.2	97	2.2	144	2.1	64	17.500	GST05-2M □□□071C42	218
	73	1.0	88	1.0	130	1.0	70	19.360	GST04-2M □□□071C42	218
	70	2.2	85	2.2	126	2.1	73	20.044	GST05-2M □□□071C42	218
	62	1.7	75	1.7	110	1.7	83	22.778	GST05-2M □□□071C42	218
	56	1.8	68	1.8	101	1.7	90	24.933	GST05-2M □□□071C42	218
	56	3.2	68	3.2	101	3.0	90	24.933	GST06-2M □□□071C42	218
	50	1.4	60	1.4	89	1.4	103	28.333	GST05-2M □□□071C42	218
	50	3.1	60	3.1	89	3.0	103	28.333	GST06-2M □□□071C42	218
	44	1.4	53	1.4	78	1.3	117	32.267	GST05-2M □□□071C42	218
	44	2.9	53	2.9	78	2.8	117	32.267	GST06-2M □□□071C42	218
	39	1.0	47	1.0	69	1.0	130	36.267	GST05-3M □□□071C42	224
	38	1.1	47	1.1	69	1.1	133	36.667	GST05-2M □□□071C42	218
	38	2.4	47	2.4	69	2.3	133	36.667	GST06-2M □□□071C42	218
	36	1.2	44	1.2	64	1.1	142	39.160	GST05-2M □□□071C42	218
	36	2.3	44	2.3	64	2.2	140	39.200	GST06-3M □□□071C42	224
	36	2.4	44	2.4	64	2.3	142	39.160	GST06-2M □□□071C42	218
	32	0.9	38	0.9	57	0.9	161	44.500	GST05-2M □□□071C42	218
	32	2.0	38	2.0	57	2.0	161	44.500	GST06-2M □□□071C42	218
	32	2.1	39	2.1	57	2.1	157	44.000	GST06-3M □□□071C42	224
	30	0.9	37	0.9	54	0.9	165	46.259	GST05-3M □□□071C42	224
	28	1.4	34	1.4	51	1.4	180	49.500	GST06-2M □□□071C42	218
	28	1.8	33	1.8	49	1.8	182	51.022	GST06-3M □□□071C42	224
	26	1.8	32	1.8	47	1.8	193	53.900	GST06-3M □□□071C42	224
	25	1.4	30	1.4	45	1.4	204	56.250	GST06-2M □□□071C42	218
	22	3.0	26	3.0	39	3.0	233	65.079	GST07-3M □□□071C42	224
	21	1.5	25	1.5	37	1.5	242	67.760	GST06-3M □□□071C42	224
	20	1.4	24	1.4	36	1.4	251	70.156	GST06-3M □□□071C42	224
	20	2.8	24	2.8	36	2.8	251	70.156	GST07-3M □□□071C42	224
	18	2.5	21	2.5	32	2.5	285	79.762	GST07-3M □□□071C42	224
	17	1.2	21	1.2	31	1.2	289	80.952	GST06-3M □□□071C42	224
	16	1.2	20	1.2	29	1.2	312	87.267	GST06-3M □□□071C42	224
	16	2.3	20	2.3	29	2.3	307	85.983	GST07-3M □□□071C42	224
	14	1.0	17	1.0	25	1.0	354	99.167	GST06-3M □□□071C42	224
	14	2.0	17	2.0	26	2.0	349	97.708	GST07-3M □□□071C42	224
	13	1.0	16	1.0	23	1.0	392	109.707	GST06-3M □□□071C42	224
	13	1.8	15	1.8	23	1.8	400	111.915	GST07-3M □□□071C42	224
	11	1.6	13	1.6	20	1.6	454	127.176	GST07-3M □□□071C42	224



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				
	10	1.4	12	1.4	18	1.4	497	139.211	GST07-3M □□□071C42	224
	9.9	3.2	12	3.2	18	3.2	505	141.289	GST09-3M □□□071C42	224
	8.9	1.3	11	1.3	16	1.3	565	158.194	GST07-3M □□□071C42	224
	8.8	2.8	11	2.8	16	2.8	574	160.556	GST09-3M □□□071C42	224
	7.8	1.1	9.5	1.1	14	1.1	644	180.156	GST07-3M □□□071C42	224
	7.7	2.5	9.3	2.5	14	2.5	653	182.844	GST09-3M □□□071C42	224
	6.9	1.0	8.3	1.0	12	1.0	731	204.722	GST07-3M □□□071C42	224
	6.8	2.2	8.2	2.2	12	2.2	742	207.778	GST09-3M □□□071C42	224
	5.9	0.8	7.2	0.8	11	0.8	845	236.622	GST07-3M □□□071C42	224
	5.9	1.9	7.2	1.9	11	1.9	845	236.622	GST09-3M □□□071C42	224
	5.6	1.8	6.8	1.8	10	1.8	901	252.167	GST09-3M □□□071C42	224
	5.2	1.7	6.3	1.7	9.4	1.7	961	268.889	GST09-3M □□□071C42	224
	4.3	1.4	5.2	1.4	7.7	1.4	1166	326.333	GST09-3M □□□071C42	224
	3.9	1.2	4.7	1.2	6.9	1.2	1297	363.000	GST09-3M □□□071C42	224
	3.4	1.1	4.1	1.1	6.1	1.1	1474	412.500	GST09-3M □□□071C42	224



GST

GST [Nm] - MD□MA (IE1)

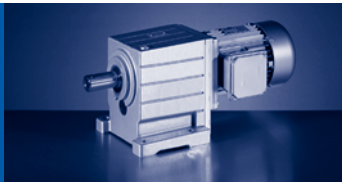
50 Hz: $P_N=0.55$ kW
60 Hz: $P_N=0.66$ kW

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						
	581	2.2	706	2.2			9.0	1.600	GST04-1M □□□080C33	212
	454	2.0	552	2.0			11	2.048	GST04-1M □□□080C33	212
	415	2.0	505	2.0			13	2.240	GST04-1M □□□080C33	212
	326	1.6	396	1.6			16	2.857	GST04-1M □□□080C33	212
	315	2.4	382	2.4			16	2.956	GST04-2M □□□080C33	218
	279	2.3	339	2.3			18	3.333	GST04-2M □□□080C33	218
	266	1.3	323	1.3			20	3.500	GST04-1M □□□080C33	212
	266	2.8	323	2.8			20	3.500	GST05-1M □□□080C33	212
	229	2.0	279	2.0			22	4.053	GST04-2M □□□080C33	218
	211	1.0	257	1.0			25	4.400	GST04-1M □□□080C33	212
	204	2.1	248	2.1			25	4.556	GST05-1M □□□080C33	212
	204	3.1	248	3.1			25	4.556	GST06-1M □□□080C33	212
	203	1.9	247	1.9			25	4.571	GST04-2M □□□080C33	218
	179	1.8	218	1.8			28	5.187	GST04-2M □□□080C33	218
	179	3.2	218	3.2			28	5.187	GST05-2M □□□080C33	218
	164	1.7	199	1.7			32	5.667	GST05-1M □□□080C33	212
	164	2.6	199	2.6			32	5.667	GST06-1M □□□080C33	212
	159	1.7	193	1.7			32	5.850	GST04-2M □□□080C33	218
	159	3.2	193	3.2			32	5.850	GST05-2M □□□080C33	218
	145	1.6	177	1.6			35	6.400	GST04-2M □□□080C33	218
	145	3.0	177	3.0			35	6.400	GST05-2M □□□080C33	218
	132	1.5	161	1.5			39	7.040	GST04-2M □□□080C33	218
	129	2.7	156	2.7			40	7.238	GST05-2M □□□080C33	218
	127	1.1	154	1.1			41	7.333	GST05-1M □□□080C33	212
	127	2.4	154	2.4			41	7.333	GST06-1M □□□080C33	212
	127	2.6	154	2.6			41	7.333	GST07-1M □□□080C33	212
	116	1.3	141	1.3			44	8.000	GST04-2M □□□080C33	218
	114	2.6	138	2.6			45	8.163	GST05-2M □□□080C33	218
	105	0.9	127	0.9			50	8.900	GST05-1M □□□080C33	212
	105	1.7	127	1.7			50	8.900	GST06-1M □□□080C33	212
	105	2.3	127	2.3			50	8.900	GST07-1M □□□080C33	212
	103	1.3	125	1.3			49	9.010	GST04-2M □□□080C33	218
	103	2.4	125	2.4			49	9.010	GST05-2M □□□080C33	218
	94	1.2	115	1.2			54	9.856	GST04-2M □□□080C33	218
	93	2.3	113	2.3			55	10.000	GST05-2M □□□080C33	218
	83	1.0	101	1.0			61	11.200	GST04-2M □□□080C33	218
	83	1.0	100	1.0			63	11.250	GST06-1M □□□080C33	212
	83	1.8	100	1.8			63	11.250	GST07-1M □□□080C33	212
	83	2.1	101	2.1			61	11.200	GST05-2M □□□080C33	218
	74	1.0	90	1.0			69	12.571	GST04-2M □□□080C33	218
	72	1.9	87	1.9			71	13.016	GST05-2M □□□080C33	218



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						
	65	1.8	79	1.8			79	14.356	GST05-2M □□□080C33	218
	60	0.8	73	0.8			84	15.400	GST04-2M □□□080C33	218
	57	1.7	70	1.7			89	16.190	GST05-2M □□□080C33	218
	53	1.5	65	1.5			96	17.500	GST05-2M □□□080C33	218
	46	1.5	56	1.5			110	20.044	GST05-2M □□□080C33	218
	46	3.1	56	3.1			110	20.044	GST06-2M □□□080C33	218
	41	1.2	50	1.2			125	22.778	GST05-2M □□□080C33	218
	41	2.5	50	2.5			125	22.778	GST06-2M □□□080C33	218
	37	1.2	45	1.2			137	24.933	GST05-2M □□□080C33	218
	37	2.6	45	2.6			137	24.933	GST06-2M □□□080C33	218
	33	1.0	40	1.0			155	28.333	GST05-2M □□□080C33	218
	33	2.0	40	2.0			155	28.333	GST06-2M □□□080C33	218
	29	0.9	35	0.9			177	32.267	GST05-2M □□□080C33	218
	29	2.1	35	2.1			177	32.267	GST06-2M □□□080C33	218
	29	2.6	35	2.6			177	32.267	GST07-2M □□□080C33	218
	25	1.6	31	1.6			201	36.667	GST06-2M □□□080C33	218
	25	2.6	31	2.6			201	36.667	GST07-2M □□□080C33	218
	24	1.5	29	1.5			212	39.200	GST06-3M □□□080C33	224
	24	1.7	29	1.7			215	39.160	GST06-2M □□□080C33	218
	24	2.3	29	2.3			215	39.160	GST07-2M □□□080C33	218
	21	1.3	25	1.3			244	44.500	GST06-2M □□□080C33	218
	21	1.4	26	1.4			238	44.000	GST06-3M □□□080C33	224
	21	2.3	25	2.3			244	44.500	GST07-2M □□□080C33	218
	21	3.0	26	3.0			238	44.000	GST07-3M □□□080C33	224
	19	1.0	23	1.0			271	49.500	GST06-2M □□□080C33	218
	19	1.8	23	1.8			271	49.500	GST07-2M □□□080C33	218
	18	1.2	22	1.2			275	51.022	GST06-3M □□□080C33	224
	18	2.5	22	2.5			275	51.022	GST07-3M □□□080C33	224
	17	1.0	20	1.0			308	56.250	GST06-2M □□□080C33	218
	17	1.2	21	1.2			291	53.900	GST06-3M □□□080C33	224
	17	1.8	20	1.8			308	56.250	GST07-2M □□□080C33	218
	17	2.4	21	2.4			291	53.900	GST07-3M □□□080C33	224
	14	1.0	17	1.0			366	67.760	GST06-3M □□□080C33	224
	14	2.0	17	2.0			351	65.079	GST07-3M □□□080C33	224
	13	1.0	16	1.0			379	70.156	GST06-3M □□□080C33	224
	13	1.9	16	1.9			379	70.156	GST07-3M □□□080C33	224
	12	1.7	14	1.7			431	79.762	GST07-3M □□□080C33	224
	11	1.5	13	1.5			464	85.983	GST07-3M □□□080C33	224
	9.9	3.1	12	3.1			505	93.541	GST09-3M □□□080C33	224
	9.5	1.4	12	1.4			527	97.708	GST07-3M □□□080C33	224
	8.3	1.2	10	1.2			604	111.915	GST07-3M □□□080C33	224



GST

GST [Nm] - MD□MA (IE1)

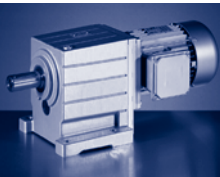
50 Hz: $P_N=0.55$ kW
60 Hz: $P_N=0.66$ kW

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						
	8.2	2.6	10	2.6			613	113.585	GST09-3M □□□080C33	224
	7.3	1.0	8.9	1.0			686	127.176	GST07-3M □□□080C33	224
	7.2	2.3	8.8	2.3			697	129.074	GST09-3M □□□080C33	224
	6.7	0.9	8.1	0.9			751	139.211	GST07-3M □□□080C33	224
	6.6	2.1	8	2.1			763	141.289	GST09-3M □□□080C33	224
	5.9	0.8	7.1	0.8			854	158.194	GST07-3M □□□080C33	224
	5.8	1.9	7	1.9			867	160.556	GST09-3M □□□080C33	224
	5.1	1.6	6.2	1.6			987	182.844	GST09-3M □□□080C33	224
	4.5	1.5	5.4	1.5			1121	207.778	GST09-3M □□□080C33	224
	4.5	2.5	5.4	2.5			1121	207.778	GST11-3M □□□080C33	224
	3.9	1.3	4.8	1.3			1277	236.622	GST09-3M □□□080C33	224
	3.9	2.1	4.8	2.1			1277	236.622	GST11-3M □□□080C33	224
	3.7	1.2	4.5	1.2			1361	252.167	GST09-3M □□□080C33	224
	3.7	2.1	4.5	2.1			1361	252.167	GST11-3M □□□080C33	224
	3.5	1.1	4.2	1.1			1451	268.889	GST09-3M □□□080C33	224
	3.5	2.0	4.2	2.0			1451	268.889	GST11-3M □□□080C33	224
	2.9	0.9	3.5	0.9			1761	326.333	GST09-3M □□□080C33	224
	2.9	1.6	3.5	1.6			1761	326.333	GST11-3M □□□080C33	224
	2.6	0.8	3.1	0.8			1959	363.000	GST09-3M □□□080C33	224
	2.6	1.4	3.1	1.4			1959	363.000	GST11-3M □□□080C33	224
	2.3	1.3	2.7	1.3			2226	412.500	GST11-3M □□□080C33	224



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						
	1700	3.8	2075	3.6			4.0	1.600	GST04-1M □□□080C11	212
	1328	3.5	1621	3.3			5.0	2.048	GST04-1M □□□080C11	212
	1214	3.5	1482	3.3			6.0	2.240	GST04-1M □□□080C11	212
	952	2.8	1162	2.6			7.0	2.857	GST04-1M □□□080C11	212
	920	4.3	1123	4.0			8.0	2.956	GST04-2M □□□080C11	218
	777	2.3	949	2.1			9.0	3.500	GST04-1M □□□080C11	212
	671	3.6	819	3.3			10	4.053	GST04-2M □□□080C11	218
	618	1.8	755	1.7			11	4.400	GST04-1M □□□080C11	212
	524	3.1	640	2.9			13	5.187	GST04-2M □□□080C11	218
	480	1.4	586	1.3			15	5.667	GST04-1M □□□080C11	212
	480	3.0	586	2.8			15	5.667	GST05-1M □□□080C11	212
	465	2.9	568	2.7			15	5.850	GST04-2M □□□080C11	218
	425	2.8	519	2.6			16	6.400	GST04-2M □□□080C11	218
	386	2.6	472	2.4			18	7.040	GST04-2M □□□080C11	218
	371	2.0	453	1.9			19	7.333	GST05-1M □□□080C11	212
	340	2.4	415	2.2			20	8.000	GST04-2M □□□080C11	218
	306	1.5	373	1.4			23	8.900	GST05-1M □□□080C11	212
	306	3.0	373	2.8			23	8.900	GST06-1M □□□080C11	212
	302	2.2	369	2.1			23	9.010	GST04-2M □□□080C11	218
	276	2.1	337	2.0			25	9.856	GST04-2M □□□080C11	218
	243	1.7	296	1.6			29	11.200	GST04-2M □□□080C11	218
	242	1.8	295	1.7			29	11.250	GST06-1M □□□080C11	212
	242	3.2	295	3.0			29	11.250	GST07-1M □□□080C11	212
	216	1.8	264	1.7			32	12.571	GST04-2M □□□080C11	218
	190	1.4	232	1.3			37	14.286	GST04-2M □□□080C11	218
	190	3.1	231	2.9			37	14.356	GST05-2M □□□080C11	218
	177	1.7	216	1.5			39	15.400	GST04-2M □□□080C11	218
	155	1.3	190	1.2			45	17.500	GST04-2M □□□080C11	218
	155	3.0	190	2.8			45	17.500	GST05-2M □□□080C11	218
	141	1.3	172	1.2			50	19.360	GST04-2M □□□080C11	218
	136	2.9	166	2.7			51	20.044	GST05-2M □□□080C11	218
	124	1.0	151	1.0			56	22.000	GST04-2M □□□080C11	218
	119	2.3	146	2.2			58	22.778	GST05-2M □□□080C11	218
	109	1.0	133	1.0			64	24.933	GST04-2M □□□080C11	218
	109	2.4	133	2.2			64	24.933	GST05-2M □□□080C11	218
	96	0.8					72	28.333	GST04-2M □□□080C11	218
	96	1.9	117	1.8			72	28.333	GST05-2M □□□080C11	218
	84	1.9	103	1.7			82	32.267	GST05-2M □□□080C11	218
	75	1.4	92	1.3			91	36.267	GST05-3M □□□080C11	224
	74	1.5	91	1.4			94	36.667	GST05-2M □□□080C11	218
	74	3.2	91	3.0			94	36.667	GST06-2M □□□080C11	218



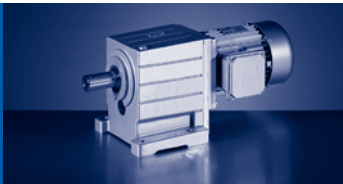
GST

GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.75$ kW

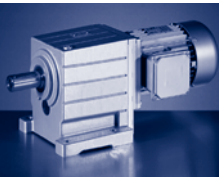
60 Hz: $P_N=0.92$ kW

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						
	70	1.5	85	1.4			100	39.160	GST05-2M □□□080C11	218
	69	3.0	85	2.8			99	39.200	GST06-3M □□□080C11	224
	62	3.0	76	2.9			111	44.000	GST06-3M □□□080C11	224
	61	1.3	75	1.3			114	44.500	GST05-2M □□□080C11	218
	61	2.9	75	2.8			114	44.500	GST06-2M □□□080C11	218
	59	1.3	72	1.2			116	46.259	GST05-3M □□□080C11	224
	55	2.2	67	2.1			127	49.500	GST06-2M □□□080C11	218
	53	2.5	65	2.5			128	51.022	GST06-3M □□□080C11	224
	51	2.6	62	2.5			136	53.900	GST06-3M □□□080C11	224
	48	1.1	59	1.1			143	56.667	GST05-3M □□□080C11	224
	48	2.2	59	2.1			144	56.250	GST06-2M □□□080C11	218
	43	0.9	52	0.9			160	63.467	GST05-3M □□□080C11	224
	40	2.1	49	2.1			171	67.760	GST06-3M □□□080C11	224
	39	2.0	47	2.0			177	70.156	GST06-3M □□□080C11	224
	38	0.9	47	0.9			179	71.238	GST05-3M □□□080C11	224
	34	1.6	41	1.6			204	80.952	GST06-3M □□□080C11	224
	31	1.7	38	1.6			220	87.267	GST06-3M □□□080C11	224
	28	2.9	34	2.8			246	97.708	GST07-3M □□□080C11	224
	27	1.3	34	1.3			250	99.167	GST06-3M □□□080C11	224
	25	1.4	30	1.3			276	109.707	GST06-3M □□□080C11	224
	24	2.5	30	2.4			282	111.915	GST07-3M □□□080C11	224
	22	1.1	27	1.1			314	124.667	GST06-3M □□□080C11	224
	21	2.2	26	2.1			320	127.176	GST07-3M □□□080C11	224
	20	2.0	24	2.0			350	139.211	GST07-3M □□□080C11	224
	19	1.1	24	1.0			356	141.289	GST06-3M □□□080C11	224
	17	0.9	21	0.8			404	160.556	GST06-3M □□□080C11	224
	17	1.8	21	1.7			398	158.194	GST07-3M □□□080C11	224
	15	1.6	18	1.5			453	180.156	GST07-3M □□□080C11	224
	13	1.4	16	1.3			515	204.722	GST07-3M □□□080C11	224
	13	3.1	16	3.0			523	207.778	GST09-3M □□□080C11	224
	12	1.2	14	1.2			595	236.622	GST07-3M □□□080C11	224
	12	2.7	14	2.6			595	236.622	GST09-3M □□□080C11	224
	11	1.1	13	1.1			625	248.458	GST07-3M □□□080C11	224
	11	2.6	13	2.5			635	252.167	GST09-3M □□□080C11	224
	10	1.1	12	1.0			677	268.889	GST07-3M □□□080C11	224
	10	2.4	12	2.3			677	268.889	GST09-3M □□□080C11	224
	8.3	0.9	10	0.8			821	326.333	GST07-3M □□□080C11	224
	8.3	2.0	10	1.9			821	326.333	GST09-3M □□□080C11	224
	7.5	1.8	9.2	1.7			913	363.000	GST09-3M □□□080C11	224
	7.5	3.0	9.2	2.9			913	363.000	GST11-3M □□□080C11	224
	6.6	1.6	8.1	1.5			1038	412.500	GST09-3M □□□080C11	224



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						
	6.6	2.7	8.1	2.7			1038	412.500	GST11-3M □□□080C11	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: P_N=0.75 kW

60 Hz: P_N=0.92 kW

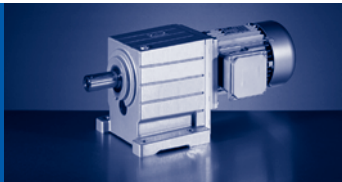
87 Hz: P_N=1.35 kW

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				
	881	2.4	1069	2.3	1575	2.0	8.0	1.600	GST04-1M □□□080C32	212
	689	2.2	835	2.1	1231	1.9	10	2.048	GST04-1M □□□080C32	212
	630	2.2	763	2.1	1125	1.9	11	2.240	GST04-1M □□□080C32	212
	494	1.8	599	1.7	882	1.5	14	2.857	GST04-1M □□□080C32	212
	477	2.7	579	2.6	853	2.3	15	2.956	GST04-2M □□□080C32	218
	423	2.5	513	2.4	756	2.1	16	3.333	GST04-2M □□□080C32	218
	403	1.4	489	1.4	720	1.2	18	3.500	GST04-1M □□□080C32	212
	403	3.1	489	3.0	720	2.6	18	3.500	GST05-1M □□□080C32	212
	348	2.3	422	2.2	622	1.9	20	4.053	GST04-2M □□□080C32	218
	321	1.1	389	1.1	573	1.0	22	4.400	GST04-1M □□□080C32	212
	310	2.4	375	2.3	553	2.0	23	4.556	GST05-1M □□□080C32	212
	308	2.1	374	2.0	551	1.8	23	4.571	GST04-2M □□□080C32	218
	272	2.0	330	1.9	486	1.7	26	5.187	GST04-2M □□□080C32	218
	249	0.9	302	0.8			28	5.667	GST04-1M □□□080C32	212
	249	1.9	302	1.8	445	1.6	28	5.667	GST05-1M □□□080C32	212
	249	2.9	302	2.8	445	2.4	28	5.667	GST06-1M □□□080C32	212
	241	1.9	292	1.8	431	1.6	29	5.850	GST04-2M □□□080C32	218
	220	1.8	267	1.7	394	1.5	32	6.400	GST04-2M □□□080C32	218
	200	1.6	243	1.6	358	1.4	35	7.040	GST04-2M □□□080C32	218
	195	3.0	236	2.9	348	2.6	36	7.238	GST05-2M □□□080C32	218
	192	1.3	233	1.2	344	1.1	37	7.333	GST05-1M □□□080C32	212
	192	2.6	233	2.5	344	2.2	37	7.333	GST06-1M □□□080C32	212
	192	2.9	233	2.8	344	2.4	37	7.333	GST07-1M □□□080C32	212
	176	1.5	214	1.4	315	1.3	39	8.000	GST04-2M □□□080C32	218
	173	2.9	210	2.7	309	2.4	40	8.163	GST05-2M □□□080C32	218
	158	1.0	192	0.9			45	8.900	GST05-1M □□□080C32	212
	158	1.9	192	1.8	283	1.6	45	8.900	GST06-1M □□□080C32	212
	158	2.5	192	2.4	283	2.1	45	8.900	GST07-1M □□□080C32	212
	157	1.4	190	1.4	280	1.2	44	9.010	GST04-2M □□□080C32	218
	157	2.7	190	2.6	280	2.3	44	9.010	GST05-2M □□□080C32	218
	143	1.3	174	1.3	256	1.1	49	9.856	GST04-2M □□□080C32	218
	141	2.5	171	2.4	252	2.1	49	10.000	GST05-2M □□□080C32	218
	126	1.1	153	1.0	225	0.9	55	11.200	GST04-2M □□□080C32	218
	126	2.3	153	2.2	225	1.9	55	11.200	GST05-2M □□□080C32	218
	125	1.1	152	1.1	224	0.9	56	11.250	GST06-1M □□□080C32	212
	125	2.0	152	1.9	224	1.7	56	11.250	GST07-1M □□□080C32	212
	112	1.1	136	1.1	201	0.9	62	12.571	GST04-2M □□□080C32	218
	108	2.1	131	2.1	194	1.8	64	13.016	GST05-2M □□□080C32	218
	99	0.9	120	0.8			70	14.286	GST04-2M □□□080C32	218
	98	2.0	119	1.9	176	1.7	71	14.356	GST05-2M □□□080C32	218
	92	0.9	111	0.9	164	0.9	76	15.400	GST04-2M □□□080C32	218



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				
	87	1.9	106	1.9	156	1.8	80	16.190	GST05-2M □□□080C32	218
	81	1.7	98	1.7	144	1.6	86	17.500	GST05-2M □□□080C32	218
	70	1.6	85	1.6	126	1.5	99	20.044	GST05-2M □□□080C32	218
	62	1.3	75	1.3	111	1.2	112	22.778	GST05-2M □□□080C32	218
	62	2.8	75	2.8	111	2.7	112	22.778	GST06-2M □□□080C32	218
	57	1.3	69	1.3	101	1.3	123	24.933	GST05-2M □□□080C32	218
	57	2.9	69	2.9	101	2.8	123	24.933	GST06-2M □□□080C32	218
	50	1.1	60	1.1	89	1.0	140	28.333	GST05-2M □□□080C32	218
	50	2.3	60	2.3	89	2.2	140	28.333	GST06-2M □□□080C32	218
	44	1.0	53	1.0	78	1.0	159	32.267	GST05-2M □□□080C32	218
	44	2.3	53	2.3	78	2.2	159	32.267	GST06-2M □□□080C32	218
	44	2.9	53	2.9	78	2.8	159	32.267	GST07-2M □□□080C32	218
	39	0.8	47	0.8			181	36.667	GST05-2M □□□080C32	218
	39	1.8	47	1.8	69	1.7	181	36.667	GST06-2M □□□080C32	218
	39	2.9	47	2.9	69	2.8	181	36.667	GST07-2M □□□080C32	218
	36	0.9	44	0.9	64	0.8	193	39.160	GST05-2M □□□080C32	218
	36	1.7	44	1.7	64	1.6	190	39.200	GST06-3M □□□080C32	224
	36	1.9	44	1.9	64	1.8	193	39.160	GST06-2M □□□080C32	218
	36	2.5	44	2.5	64	2.4	193	39.160	GST07-2M □□□080C32	218
	32	1.5	38	1.5	57	1.5	219	44.500	GST06-2M □□□080C32	218
	32	1.6	39	1.6	57	1.6	214	44.000	GST06-3M □□□080C32	224
	32	2.5	38	2.5	57	2.5	219	44.500	GST07-2M □□□080C32	218
	29	1.1	35	1.1	51	1.1	244	49.500	GST06-2M □□□080C32	218
	29	2.0	35	2.0	51	2.0	244	49.500	GST07-2M □□□080C32	218
	28	1.3	34	1.3	49	1.3	248	51.022	GST06-3M □□□080C32	224
	28	2.8	34	2.8	49	2.8	248	51.022	GST07-3M □□□080C32	224
	26	1.3	32	1.3	47	1.3	262	53.900	GST06-3M □□□080C32	224
	26	2.7	32	2.7	47	2.7	262	53.900	GST07-3M □□□080C32	224
	25	1.1	30	1.1	45	1.1	277	56.250	GST06-2M □□□080C32	218
	25	2.0	30	2.0	45	2.0	277	56.250	GST07-2M □□□080C32	218
	22	2.2	26	2.2	39	2.2	316	65.079	GST07-3M □□□080C32	224
	21	1.1	25	1.1	37	1.1	329	67.760	GST06-3M □□□080C32	224
	20	1.1	24	1.1	36	1.1	341	70.156	GST06-3M □□□080C32	224
	20	2.1	24	2.1	36	2.1	341	70.156	GST07-3M □□□080C32	224
	18	1.8	21	1.8	32	1.8	387	79.762	GST07-3M □□□080C32	224
	17	0.9	21	0.9	31	0.9	393	80.952	GST06-3M □□□080C32	224
	16	0.9	20	0.9	29	0.9	424	87.267	GST06-3M □□□080C32	224
	16	1.7	20	1.7	29	1.7	417	85.983	GST07-3M □□□080C32	224
	14	1.5	18	1.5	26	1.5	474	97.708	GST07-3M □□□080C32	224
	13	1.3	15	1.3	23	1.3	543	111.915	GST07-3M □□□080C32	224
	12	2.9	15	2.9	22	2.9	551	113.585	GST09-3M □□□080C32	224



GST

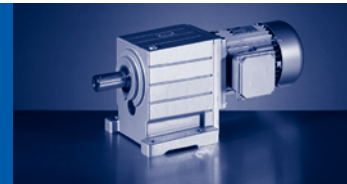
GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=0.75$ kW

60 Hz: $P_N=0.92$ kW

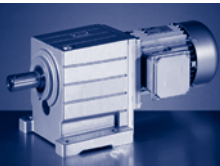
87 Hz: $P_N=1.35$ kW

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				
	11	1.2	13	1.2	20	1.2	617	127.176	GST07-3M □□□080C32	224
	11	2.6	13	2.6	20	2.6	627	129.074	GST09-3M □□□080C32	224
	10	1.0	12	1.0	18	1.0	676	139.211	GST07-3M □□□080C32	224
	10	2.4	12	2.4	18	2.4	686	141.289	GST09-3M □□□080C32	224
	8.9	0.9	11	0.9	16	0.9	768	158.194	GST07-3M □□□080C32	224
	8.8	2.1	11	2.1	16	2.1	779	160.556	GST09-3M □□□080C32	224
	7.8	0.8	9.5	0.8	14	0.8	875	180.156	GST07-3M □□□080C32	224
	7.7	1.8	9.4	1.8	14	1.8	888	182.844	GST09-3M □□□080C32	224
	6.8	1.6	8.2	1.6	12	1.6	1009	207.778	GST09-3M □□□080C32	224
	6.8	2.8	8.2	2.8	12	2.8	1009	207.778	GST11-3M □□□080C32	224
	6	1.4	7.2	1.4	11	1.4	1149	236.622	GST09-3M □□□080C32	224
	6	2.4	7.2	2.4	11	2.4	1149	236.622	GST11-3M □□□080C32	224
	5.6	1.3	6.8	1.3	10	1.3	1224	252.167	GST09-3M □□□080C32	224
	5.6	2.3	6.8	2.3	10	2.3	1224	252.167	GST11-3M □□□080C32	224
	5.2	1.2	6.4	1.2	9.4	1.2	1305	268.889	GST09-3M □□□080C32	224
	5.2	2.2	6.4	2.2	9.4	2.2	1305	268.889	GST11-3M □□□080C32	224
	4.3	1.0	5.2	1.0	7.7	1.0	1584	326.333	GST09-3M □□□080C32	224
	4.3	1.8	5.2	1.8	7.7	1.8	1584	326.333	GST11-3M □□□080C32	224
	3.9	0.9	4.7	0.9	6.9	0.9	1762	363.000	GST09-3M □□□080C32	224
	3.9	1.5	4.7	1.5	6.9	1.5	1762	363.000	GST11-3M □□□080C32	224
	3.4	0.8	4.2	0.8	6.1	0.8	2002	412.500	GST09-3M □□□080C32	224
	3.4	1.4	4.2	1.4	6.1	1.4	2002	412.500	GST11-3M □□□080C32	224



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						
	1700	2.6	2075	2.4			6.0	1.600	GST04-1M □□□080C31	212
	1328	2.4	1621	2.3			8.0	2.048	GST04-1M □□□080C31	212
	1214	2.4	1482	2.2			9.0	2.240	GST04-1M □□□080C31	212
	952	1.9	1162	1.8			11	2.857	GST04-1M □□□080C31	212
	920	2.9	1123	2.7			11	2.956	GST04-2M □□□080C31	218
	816	2.7	996	2.6			13	3.333	GST04-2M □□□080C31	218
	777	1.5	949	1.4			13	3.500	GST04-1M □□□080C31	212
	671	2.4	819	2.3			15	4.053	GST04-2M □□□080C31	218
	618	1.2	755	1.2			17	4.400	GST04-1M □□□080C31	212
	597	2.6	729	2.4			17	4.556	GST05-1M □□□080C31	212
	595	2.3	726	2.2			17	4.571	GST04-2M □□□080C31	218
	524	2.1	640	2.0			19	5.187	GST04-2M □□□080C31	218
	480	1.0	586	0.9			22	5.667	GST04-1M □□□080C31	212
	480	2.1	586	1.9			22	5.667	GST05-1M □□□080C31	212
	480	3.1	586	2.9			22	5.667	GST06-1M □□□080C31	212
	465	2.0	568	1.9			22	5.850	GST04-2M □□□080C31	218
	425	1.9	519	1.8			24	6.400	GST04-2M □□□080C31	218
	386	1.8	472	1.7			26	7.040	GST04-2M □□□080C31	218
	371	1.4	453	1.3			28	7.333	GST05-1M □□□080C31	212
	371	2.9	453	2.7			28	7.333	GST06-1M □□□080C31	212
	371	3.1	453	2.9			28	7.333	GST07-1M □□□080C31	212
	340	1.6	415	1.5			30	8.000	GST04-2M □□□080C31	218
	333	3.1	407	2.9			31	8.163	GST05-2M □□□080C31	218
	306	1.0	373	1.0			34	8.900	GST05-1M □□□080C31	212
	306	2.1	373	1.9			34	8.900	GST06-1M □□□080C31	212
	306	2.7	373	2.6			34	8.900	GST07-1M □□□080C31	212
	302	1.5	369	1.4			34	9.010	GST04-2M □□□080C31	218
	302	2.9	369	2.7			34	9.010	GST05-2M □□□080C31	218
	276	1.4	337	1.3			37	9.856	GST04-2M □□□080C31	218
	272	2.7	332	2.5			38	10.000	GST05-2M □□□080C31	218
	243	1.2	296	1.1			42	11.200	GST04-2M □□□080C31	218
	243	2.5	296	2.3			42	11.200	GST05-2M □□□080C31	218
	242	1.2	295	1.1			43	11.250	GST06-1M □□□080C31	212
	242	2.2	295	2.0			43	11.250	GST07-1M □□□080C31	212
	216	1.2	264	1.1			47	12.571	GST04-2M □□□080C31	218
	209	2.3	255	2.2			49	13.016	GST05-2M □□□080C31	218
	190	0.9	232	0.9			54	14.286	GST04-2M □□□080C31	218
	190	2.1	231	2.0			54	14.356	GST05-2M □□□080C31	218
	177	1.1	216	1.1			58	15.400	GST04-2M □□□080C31	218
	168	2.3	205	2.1			61	16.190	GST05-2M □□□080C31	218
	155	0.9	190	0.8			66	17.500	GST04-2M □□□080C31	218

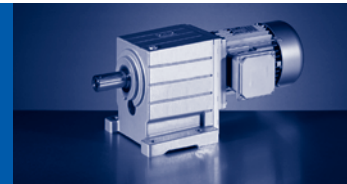


GST

GST [Nm] - MD□MA (IE1)

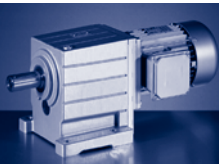
50 Hz: P_N=1.1 kW
60 Hz: P_N=1.3 kW

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						
	155	2.0	190	1.9			66	17.500	GST05-2M □□□080C31	218
	141	0.9	172	0.9			73	19.360	GST04-2M □□□080C31	218
	136	2.0	166	1.9			75	20.044	GST05-2M □□□080C31	218
	119	1.6	146	1.5			85	22.778	GST05-2M □□□080C31	218
	109	1.6	133	1.5			93	24.933	GST05-2M □□□080C31	218
	96	1.3	117	1.2			106	28.333	GST05-2M □□□080C31	218
	96	2.8	117	2.6			106	28.333	GST06-2M □□□080C31	218
	84	1.3	103	1.2			121	32.267	GST05-2M □□□080C31	218
	84	2.8	103	2.6			121	32.267	GST06-2M □□□080C31	218
	75	0.9	92	0.9			134	36.267	GST05-3M □□□080C31	224
	74	1.0	91	0.9			137	36.667	GST05-2M □□□080C31	218
	74	2.2	91	2.0			137	36.667	GST06-2M □□□080C31	218
	70	1.1	85	1.0			147	39.160	GST05-2M □□□080C31	218
	70	2.3	85	2.2			147	39.160	GST06-2M □□□080C31	218
	70	3.1	85	2.9			147	39.160	GST07-2M □□□080C31	218
	69	2.1	85	1.9			145	39.200	GST06-3M □□□080C31	224
	62	2.1	76	2.0			162	44.000	GST06-3M □□□080C31	224
	61	0.9	75	0.9			167	44.500	GST05-2M □□□080C31	218
	61	2.0	75	1.9			167	44.500	GST06-2M □□□080C31	218
	59	0.9	72	0.8			171	46.259	GST05-3M □□□080C31	224
	55	1.5	67	1.5			186	49.500	GST06-2M □□□080C31	218
	55	2.7	67	2.6			186	49.500	GST07-2M □□□080C31	218
	53	1.7	65	1.7			188	51.022	GST06-3M □□□080C31	224
	51	1.8	62	1.7			199	53.900	GST06-3M □□□080C31	224
	48	1.5	59	1.5			211	56.250	GST06-2M □□□080C31	218
	48	2.7	59	2.6			211	56.250	GST07-2M □□□080C31	218
	42	3.0	51	2.9			240	65.079	GST07-3M □□□080C31	224
	40	1.5	49	1.4			250	67.760	GST06-3M □□□080C31	224
	39	1.4	47	1.3			259	70.156	GST06-3M □□□080C31	224
	39	2.7	47	2.6			259	70.156	GST07-3M □□□080C31	224
	34	1.1	41	1.1			299	80.952	GST06-3M □□□080C31	224
	34	2.4	42	2.3			294	79.762	GST07-3M □□□080C31	224
	32	2.2	39	2.2			317	85.983	GST07-3M □□□080C31	224
	31	1.2	38	1.1			322	87.267	GST06-3M □□□080C31	224
	28	2.0	34	1.9			361	97.708	GST07-3M □□□080C31	224
	27	0.9	34	0.9			366	99.167	GST06-3M □□□080C31	224
	25	0.9	30	0.9			405	109.707	GST06-3M □□□080C31	224
	24	1.7	30	1.7			413	111.915	GST07-3M □□□080C31	224
	21	1.5	26	1.5			469	127.176	GST07-3M □□□080C31	224
	20	1.4	24	1.3			514	139.211	GST07-3M □□□080C31	224
	19	3.1	24	3.0			521	141.289	GST09-3M □□□080C31	224



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						
	17	1.2	21	1.2			584	158.194	GST07-3M □□□080C31	224
	17	2.7	21	2.7			593	160.556	GST09-3M □□□080C31	224
	15	1.1	18	1.0			665	180.156	GST07-3M □□□080C31	224
	15	2.4	18	2.3			675	182.844	GST09-3M □□□080C31	224
	13	0.9	16	0.9			756	204.722	GST07-3M □□□080C31	224
	13	2.1	16	2.1			767	207.778	GST09-3M □□□080C31	224
	12	0.8					873	236.622	GST07-3M □□□080C31	224
	12	1.9	14	1.8			873	236.622	GST09-3M □□□080C31	224
	12	3.1	14	3.0			873	236.622	GST11-3M □□□080C31	224
	11	1.7	13	1.7			931	252.167	GST09-3M □□□080C31	224
	11	3.0	13	2.9			931	252.167	GST11-3M □□□080C31	224
	10	1.6	12	1.6			992	268.889	GST09-3M □□□080C31	224
	10	2.9	12	2.8			992	268.889	GST11-3M □□□080C31	224
	8.3	1.4	10	1.3			1204	326.333	GST09-3M □□□080C31	224
	8.3	2.4	10	2.3			1204	326.333	GST11-3M □□□080C31	224
	7.5	1.2	9.2	1.2			1340	363.000	GST09-3M □□□080C31	224
	7.5	2.0	9.2	1.9			1340	363.000	GST11-3M □□□080C31	224
	6.6	1.1	8.1	1.0			1522	412.500	GST09-3M □□□080C31	224
	6.6	1.9	8.1	1.8			1522	412.500	GST11-3M □□□080C31	224



GST

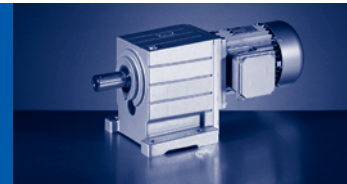
GST [Nm] - MD□MA (IE1)

50 Hz: P_N=1.1 kW

60 Hz: P_N=1.3 kW

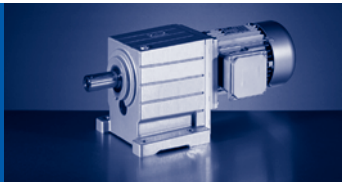
87 Hz: P_N=2.0 kW

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				
	869	1.6	1056	1.6	1563	1.4	12	1.600	GST04-1M □□□080C42	212
	679	1.5	825	1.4	1221	1.3	15	2.048	GST04-1M □□□080C42	212
	621	1.5	755	1.4	1116	1.3	17	2.240	GST04-1M □□□080C42	212
	621	3.2	755	3.1	1116	2.7	17	2.240	GST05-1M □□□080C42	212
	487	1.2	592	1.1	875	1.0	21	2.857	GST04-1M □□□080C42	212
	487	2.5	592	2.4	875	2.1	21	2.857	GST05-1M □□□080C42	212
	470	1.8	572	1.7	846	1.5	22	2.956	GST04-2M □□□080C42	218
	470	2.9	572	2.8	846	2.5	22	2.956	GST05-2M □□□080C42	218
	417	1.7	507	1.6	750	1.4	24	3.333	GST04-2M □□□080C42	218
	417	3.2	507	3.1	750	2.7	24	3.333	GST05-2M □□□080C42	218
	397	1.0	483	0.9	714	0.8	26	3.500	GST04-1M □□□080C42	212
	397	2.1	483	2.0	714	1.8	26	3.500	GST05-1M □□□080C42	212
	343	1.5	417	1.5	617	1.3	30	4.053	GST04-2M □□□080C42	218
	343	2.7	417	2.6	617	2.3	30	4.053	GST05-2M □□□080C42	218
	305	1.6	371	1.5	549	1.3	34	4.556	GST05-1M □□□080C42	212
	305	3.1	371	3.0	549	2.6	34	4.556	GST06-1M □□□080C42	212
	304	1.4	370	1.4	547	1.2	34	4.571	GST04-2M □□□080C42	218
	304	2.7	370	2.6	547	2.3	34	4.571	GST05-2M □□□080C42	218
	268	1.3	326	1.3	482	1.1	38	5.187	GST04-2M □□□080C42	218
	268	2.4	326	2.3	482	2.0	38	5.187	GST05-2M □□□080C42	218
	249	3.1	303	3.0	448	2.6	42	5.583	GST07-1M □□□080C42	212
	245	1.3	298	1.2	441	1.1	42	5.667	GST05-1M □□□080C42	212
	245	2.5	298	2.4	441	2.1	42	5.667	GST06-1M □□□080C42	212
	238	1.2	289	1.2	427	1.1	43	5.850	GST04-2M □□□080C42	218
	238	2.4	289	2.3	427	2.0	43	5.850	GST05-2M □□□080C42	218
	217	1.2	264	1.1	391	1.0	47	6.400	GST04-2M □□□080C42	218
	217	2.2	264	2.2	391	1.9	47	6.400	GST05-2M □□□080C42	218
	197	1.1	240	1.1	355	0.9	52	7.040	GST04-2M □□□080C42	218
	192	2.0	234	2.0	345	1.7	53	7.238	GST05-2M □□□080C42	218
	190	1.8	231	1.8	341	1.6	55	7.333	GST06-1M □□□080C42	212
	190	2.9	231	2.8	341	2.4	55	7.333	GST07-1M □□□080C42	212
	174	1.0	211	1.0	313	0.9	59	8.000	GST04-2M □□□080C42	218
	170	1.9	207	1.9	306	1.6	60	8.163	GST05-2M □□□080C42	218
	156	1.3	190	1.2	281	1.1	66	8.900	GST06-1M □□□080C42	212
	156	2.3	190	2.2	281	1.9	66	8.900	GST07-1M □□□080C42	212
	154	1.0	188	0.9			66	9.010	GST04-2M □□□080C42	218
	154	1.8	188	1.7	278	1.5	66	9.010	GST05-2M □□□080C42	218
	141	0.9	172	0.9			72	9.856	GST04-2M □□□080C42	218
	139	1.7	169	1.6	250	1.4	73	10.000	GST05-2M □□□080C42	218
	124	1.4	150	1.3	222	1.2	84	11.250	GST07-1M □□□080C42	212
	124	1.6	151	1.5	223	1.3	82	11.200	GST05-2M □□□080C42	218



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				
	111	3.2	134	3.1	199	2.7	92	12.571	GST06-2M □□□080C42	218
	107	1.4	130	1.4	192	1.2	95	13.016	GST05-2M □□□080C42	218
	97	1.3	118	1.3	174	1.1	105	14.356	GST05-2M □□□080C42	218
	97	2.9	118	2.8	175	2.5	105	14.286	GST06-2M □□□080C42	218
	90	2.8	110	2.8	162	2.7	113	15.400	GST06-2M □□□080C42	218
	86	1.3	104	1.3	154	1.2	119	16.190	GST05-2M □□□080C42	218
	79	1.1	97	1.1	143	1.1	128	17.500	GST05-2M □□□080C42	218
	79	2.4	97	2.4	143	2.3	128	17.500	GST06-2M □□□080C42	218
	69	1.1	84	1.1	125	1.0	147	20.044	GST05-2M □□□080C42	218
	69	2.4	84	2.4	125	2.3	147	20.044	GST06-2M □□□080C42	218
	61	0.9	74	0.9	110	0.8	167	22.778	GST05-2M □□□080C42	218
	61	1.9	74	1.9	110	1.8	167	22.778	GST06-2M □□□080C42	218
	57	3.1	69	3.1	102	3.0	180	24.567	GST07-2M □□□080C42	218
	56	0.9	68	0.9	100	0.9	183	24.933	GST05-2M □□□080C42	218
	56	2.0	68	2.0	100	1.9	183	24.933	GST06-2M □□□080C42	218
	50	3.1	61	3.1	90	3.0	205	27.917	GST07-2M □□□080C42	218
	49	1.5	60	1.5	88	1.5	208	28.333	GST06-2M □□□080C42	218
	43	1.5	52	1.5	78	1.5	237	32.267	GST06-2M □□□080C42	218
	43	2.9	52	2.9	78	2.8	237	32.267	GST07-2M □□□080C42	218
	38	1.2	46	1.2	68	1.2	269	36.667	GST06-2M □□□080C42	218
	38	2.6	46	2.6	68	2.5	269	36.667	GST07-2M □□□080C42	218
	36	1.1	43	1.1	64	1.1	283	39.200	GST06-3M □□□080C42	224
	36	1.3	43	1.3	64	1.2	287	39.160	GST06-2M □□□080C42	218
	36	2.3	43	2.3	64	2.2	287	39.160	GST07-2M □□□080C42	218
	36	2.4	43	2.4	64	2.3	283	39.200	GST07-3M □□□080C42	224
	32	1.1	38	1.1	57	1.1	318	44.000	GST06-3M □□□080C42	224
	32	2.2	38	2.2	57	2.2	318	44.000	GST07-3M □□□080C42	224
	31	1.0	38	1.0	56	1.0	326	44.500	GST06-2M □□□080C42	218
	31	2.2	38	2.2	56	2.2	326	44.500	GST07-2M □□□080C42	218
	28	1.4	34	1.4	51	1.4	363	49.500	GST07-2M □□□080C42	218
	27	0.9	33	0.9	49	0.9	369	51.022	GST06-3M □□□080C42	224
	27	1.9	33	1.9	49	1.9	369	51.022	GST07-3M □□□080C42	224
	26	0.9	31	0.9	46	0.9	389	53.900	GST06-3M □□□080C42	224
	26	1.8	31	1.8	46	1.8	389	53.900	GST07-3M □□□080C42	224
	25	1.4	30	1.4	44	1.4	412	56.250	GST07-2M □□□080C42	218
	21	1.5	26	1.5	38	1.5	470	65.079	GST07-3M □□□080C42	224
	20	1.4	24	1.4	36	1.4	507	70.156	GST07-3M □□□080C42	224
	19	2.9	24	2.9	35	2.9	519	71.867	GST09-3M □□□080C42	224
	17	1.2	21	1.2	31	1.2	576	79.762	GST07-3M □□□080C42	224
	17	2.7	21	2.7	31	2.7	590	81.667	GST09-3M □□□080C42	224
	16	1.1	20	1.1	29	1.1	621	85.983	GST07-3M □□□080C42	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: P_N=1.1 kW

60 Hz: P_N=1.3 kW

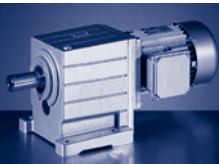
87 Hz: P_N=2.0 kW

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				
	15	2.4	18	2.4	27	2.4	676	93.541	GST09-3M □□□080C42	224
	14	1.0	17	1.0	26	1.0	706	97.708	GST07-3M □□□080C42	224
	14	2.2	17	2.2	25	2.2	716	99.167	GST09-3M □□□080C42	224
	12	0.9	15	0.9	22	0.9	808	111.915	GST07-3M □□□080C42	224
	12	2.0	15	2.0	22	2.0	820	113.585	GST09-3M □□□080C42	224
	11	1.7	13	1.7	19	1.7	932	129.074	GST09-3M □□□080C42	224
	11	3.0	13	3.0	19	3.0	932	129.074	GST11-3M □□□080C42	224
	9.8	1.6	12	1.6	18	1.6	1020	141.289	GST09-3M □□□080C42	224
	9.5	2.5	12	2.5	17	2.5	1062	146.993	GST11-3M □□□080C42	224
	8.8	2.5	11	2.5	16	2.5	1143	158.194	GST11-3M □□□080C42	224
	8.7	1.4	11	1.4	16	1.4	1160	160.556	GST09-3M □□□080C42	224
	7.7	2.1	9.4	2.1	14	2.1	1301	180.156	GST11-3M □□□080C42	224
	7.6	1.2	9.2	1.2	14	1.2	1321	182.844	GST09-3M □□□080C42	224
	6.7	1.1	8.1	1.1	12	1.1	1501	207.778	GST09-3M □□□080C42	224
	6.7	1.9	8.1	1.9	12	1.9	1501	207.778	GST11-3M □□□080C42	224
	5.9	0.9	7.1	0.9	11	0.9	1709	236.622	GST09-3M □□□080C42	224
	5.9	1.6	7.1	1.6	11	1.6	1709	236.622	GST11-3M □□□080C42	224
	5.5	0.9	6.7	0.9	9.9	0.9	1821	252.167	GST09-3M □□□080C42	224
	5.5	1.5	6.7	1.5	9.9	1.5	1821	252.167	GST11-3M □□□080C42	224
	5.2	0.8	6.3	0.8	9.3	0.8	1942	268.889	GST09-3M □□□080C42	224
	5.2	1.5	6.3	1.5	9.3	1.5	1942	268.889	GST11-3M □□□080C42	224
	4.3	1.2	5.2	1.2	7.7	1.2	2357	326.333	GST11-3M □□□080C42	224
	3.8	1.0	4.7	1.0	6.9	1.0	2622	363.000	GST11-3M □□□080C42	224
	3.4	1.0	4.1	1.0	6.1	1.0	2979	412.500	GST11-3M □□□080C42	224



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						
	1694	1.9	2069	1.8			8.0	1.600	GST04-1M □□□090C11	212
	1324	1.8	1617	1.6			11	2.048	GST04-1M □□□090C11	212
	1210	1.7	1478	1.6			12	2.240	GST04-1M □□□090C11	212
	949	1.4	1159	1.3			15	2.857	GST04-1M □□□090C11	212
	949	2.9	1159	2.7			15	2.857	GST05-1M □□□090C11	212
	917	2.1	1120	2.0			15	2.956	GST04-2M □□□090C11	218
	813	2.0	993	1.9			17	3.333	GST04-2M □□□090C11	218
	774	1.1	946	1.1			18	3.500	GST04-1M □□□090C11	212
	774	2.4	946	2.3			18	3.500	GST05-1M □□□090C11	212
	669	1.8	817	1.7			21	4.053	GST04-2M □□□090C11	218
	669	3.2	817	3.0			21	4.053	GST05-2M □□□090C11	218
	595	1.9	727	1.8			24	4.556	GST05-1M □□□090C11	212
	593	1.7	724	1.6			23	4.571	GST04-2M □□□090C11	218
	593	3.2	724	3.0			23	4.571	GST05-2M □□□090C11	218
	522	1.5	638	1.4			27	5.187	GST04-2M □□□090C11	218
	522	2.8	638	2.6			27	5.187	GST05-2M □□□090C11	218
	478	1.5	584	1.4			30	5.667	GST05-1M □□□090C11	212
	478	2.9	584	2.7			30	5.667	GST06-1M □□□090C11	212
	463	1.5	566	1.4			30	5.850	GST04-2M □□□090C11	218
	463	2.8	566	2.6			30	5.850	GST05-2M □□□090C11	218
	423	1.4	517	1.3			33	6.400	GST04-2M □□□090C11	218
	423	2.6	517	2.5			33	6.400	GST05-2M □□□090C11	218
	385	1.3	470	1.2			36	7.040	GST04-2M □□□090C11	218
	374	2.4	457	2.2			37	7.238	GST05-2M □□□090C11	218
	370	2.2	451	2.0			38	7.333	GST06-1M □□□090C11	212
	339	1.2	414	1.1			41	8.000	GST04-2M □□□090C11	218
	332	2.3	406	2.1			42	8.163	GST05-2M □□□090C11	218
	305	1.5	372	1.4			46	8.900	GST06-1M □□□090C11	212
	305	3.2	372	3.0			46	8.900	GST07-1M □□□090C11	212
	301	1.1	367	1.0			46	9.010	GST04-2M □□□090C11	218
	301	2.1	367	2.0			46	9.010	GST05-2M □□□090C11	218
	275	1.1	336	1.0			51	9.856	GST04-2M □□□090C11	218
	271	2.0	331	1.9			51	10.000	GST05-2M □□□090C11	218
	242	0.9	296	0.8			57	11.200	GST04-2M □□□090C11	218
	242	1.8	296	1.7			57	11.200	GST05-2M □□□090C11	218
	241	1.9	294	1.8			59	11.250	GST07-1M □□□090C11	212
	241	3.1	294	2.9			59	11.250	GST09-1M □□□090C11	212
	216	0.9	263	0.8			65	12.571	GST04-2M □□□090C11	218
	208	1.7	254	1.6			67	13.016	GST05-2M □□□090C11	218
	189	1.6	231	1.5			74	14.356	GST05-2M □□□090C11	218
	176	0.8					79	15.400	GST04-2M □□□090C11	218

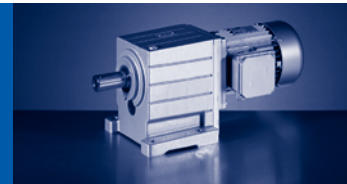


GST

GST [Nm] - MD□MA (IE1)

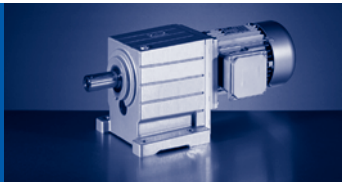
50 Hz: P_N=1.5 kW
60 Hz: P_N=1.8 kW

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						
	167	1.7	204	1.6			83	16.190	GST05-2M □□□090C11	218
	155	1.5	189	1.4			90	17.500	GST05-2M □□□090C11	218
	155	3.3	189	3.0			90	17.500	GST06-2M □□□090C11	218
	135	1.5	165	1.4			103	20.044	GST05-2M □□□090C11	218
	135	3.2	165	3.0			103	20.044	GST06-2M □□□090C11	218
	119	1.2	145	1.1			117	22.778	GST05-2M □□□090C11	218
	119	2.5	145	2.4			117	22.778	GST06-2M □□□090C11	218
	109	1.2	133	1.1			128	24.933	GST05-2M □□□090C11	218
	109	2.6	133	2.5			128	24.933	GST06-2M □□□090C11	218
	96	0.9	117	0.9			145	28.333	GST05-2M □□□090C11	218
	96	2.0	117	1.9			145	28.333	GST06-2M □□□090C11	218
	84	2.1	103	1.9			166	32.267	GST06-2M □□□090C11	218
	74	1.6	90	1.5			188	36.667	GST06-2M □□□090C11	218
	69	1.5	84	1.4			198	39.200	GST06-3M □□□090C11	224
	69	1.7	85	1.6			201	39.160	GST06-2M □□□090C11	218
	62	1.5	75	1.5			222	44.000	GST06-3M □□□090C11	224
	62	3.2	75	3.1			222	44.000	GST07-3M □□□090C11	224
	61	1.4	74	1.4			228	44.500	GST06-2M □□□090C11	218
	61	3.1	74	3.0			228	44.500	GST07-2M □□□090C11	218
	55	2.4	67	2.3			254	49.500	GST07-2M □□□090C11	218
	53	1.3	65	1.2			258	51.022	GST06-3M □□□090C11	224
	53	2.7	65	2.6			258	51.022	GST07-3M □□□090C11	224
	50	1.3	61	1.2			272	53.900	GST06-3M □□□090C11	224
	50	2.6	61	2.5			272	53.900	GST07-3M □□□090C11	224
	48	2.4	59	2.3			289	56.250	GST07-2M □□□090C11	218
	42	2.2	51	2.1			329	65.079	GST07-3M □□□090C11	224
	39	1.0	47	1.0			354	70.156	GST06-3M □□□090C11	224
	39	2.0	47	1.9			354	70.156	GST07-3M □□□090C11	224
	34	0.8					409	80.952	GST06-3M □□□090C11	224
	34	1.8	42	1.7			403	79.762	GST07-3M □□□090C11	224
	32	1.6	39	1.6			434	85.983	GST07-3M □□□090C11	224
	31	0.8	38	0.8			441	87.267	GST06-3M □□□090C11	224
	28	1.4	34	1.4			494	97.708	GST07-3M □□□090C11	224
	27	3.2	33	3.1			501	99.167	GST09-3M □□□090C11	224
	24	1.3	30	1.2			565	111.915	GST07-3M □□□090C11	224
	24	2.8	29	2.7			574	113.585	GST09-3M □□□090C11	224
	21	1.1	26	1.1			642	127.176	GST07-3M □□□090C11	224
	21	2.5	26	2.4			652	129.074	GST09-3M □□□090C11	224
	20	1.0	24	1.0			703	139.211	GST07-3M □□□090C11	224
	19	2.3	23	2.2			714	141.289	GST09-3M □□□090C11	224
	17	0.9	21	0.9			799	158.194	GST07-3M □□□090C11	224



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						
	17	2.0	21	1.9			811	160.556	GST09-3M □□□090C11	224
	15	1.8	18	1.7			924	182.844	GST09-3M □□□090C11	224
	15	3.0	18	2.9			910	180.156	GST11-3M □□□090C11	224
	13	1.6	16	1.5			1050	207.778	GST09-3M □□□090C11	224
	13	2.7	16	2.6			1050	207.778	GST11-3M □□□090C11	224
	12	1.4	14	1.3			1195	236.622	GST09-3M □□□090C11	224
	12	2.3	14	2.2			1195	236.622	GST11-3M □□□090C11	224
	11	1.3	13	1.2			1274	252.167	GST09-3M □□□090C11	224
	11	2.2	13	2.1			1274	252.167	GST11-3M □□□090C11	224
	10	1.2	12	1.2			1358	268.889	GST09-3M □□□090C11	224
	10	2.1	12	2.0			1358	268.889	GST11-3M □□□090C11	224
	8.3	1.0	10	1.0			1648	326.333	GST09-3M □□□090C11	224
	8.3	1.7	10	1.7			1648	326.333	GST11-3M □□□090C11	224
	7.5	1.5	9.1	1.4			1834	363.000	GST11-3M □□□090C11	224
	7.5	3.2	9.1	3.1			1834	363.000	GST14-3M □□□090C11	224
	6.6	1.4	8	1.3			2084	412.500	GST11-3M □□□090C11	224
	6.6	2.8	8	2.8			2084	412.500	GST14-3M □□□090C11	224

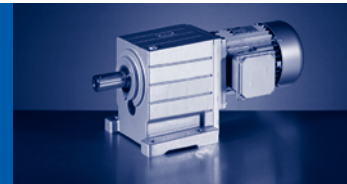


GST

GST [Nm] - MD□MA (IE1)

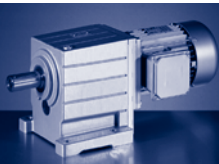
50 Hz: P_N=1.5 kW
60 Hz: P_N=1.8 kW
87 Hz: P_N=2.7 kW

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				
	872	1.2	1059	1.1	1566	1.0	16	1.600	GST04-1M □□□090C32	212
	872	2.8	1059	2.7	1566	2.3	16	1.600	GST05-1M □□□090C32	212
	681	1.1	828	1.1	1223	0.9	21	2.048	GST04-1M □□□090C32	212
	681	2.5	828	2.4	1223	2.1	21	2.048	GST05-1M □□□090C32	212
	623	1.1	757	1.1	1118	0.9	23	2.240	GST04-1M □□□090C32	212
	623	2.3	757	2.3	1118	2.0	23	2.240	GST05-1M □□□090C32	212
	488	0.9	593	0.8			29	2.857	GST04-1M □□□090C32	212
	488	1.8	593	1.8	877	1.6	29	2.857	GST05-1M □□□090C32	212
	488	3.2	593	3.1	877	2.7	29	2.857	GST06-1M □□□090C32	212
	472	1.3	574	1.3	848	1.1	29	2.956	GST04-2M □□□090C32	218
	472	2.1	574	2.1	848	1.8	29	2.956	GST05-2M □□□090C32	218
	419	1.3	509	1.2	752	1.1	33	3.333	GST04-2M □□□090C32	218
	419	2.4	509	2.3	752	2.0	33	3.333	GST05-2M □□□090C32	218
	399	1.5	484	1.5	716	1.3	35	3.500	GST05-1M □□□090C32	212
	399	3.0	484	2.8	716	2.5	35	3.500	GST06-1M □□□090C32	212
	344	1.1	418	1.1	618	0.9	40	4.053	GST04-2M □□□090C32	218
	344	2.0	418	1.9	618	1.7	40	4.053	GST05-2M □□□090C32	218
	306	1.2	372	1.1	550	1.0	46	4.556	GST05-1M □□□090C32	212
	306	2.3	372	2.2	550	1.9	46	4.556	GST06-1M □□□090C32	212
	305	1.1	371	1.0	548	0.9	46	4.571	GST04-2M □□□090C32	218
	305	2.0	371	1.9	548	1.7	46	4.571	GST05-2M □□□090C32	218
	269	1.0	327	0.9	483	0.8	52	5.187	GST04-2M □□□090C32	218
	269	1.7	327	1.7	483	1.5	52	5.187	GST05-2M □□□090C32	218
	250	2.8	304	2.7	449	2.4	57	5.583	GST07-1M □□□090C32	212
	246	0.9	299	0.9			57	5.667	GST05-1M □□□090C32	212
	246	1.8	299	1.8	442	1.5	57	5.667	GST06-1M □□□090C32	212
	238	0.9	290	0.9			58	5.850	GST04-2M □□□090C32	218
	238	1.7	290	1.7	428	1.5	58	5.850	GST05-2M □□□090C32	218
	218	0.9	265	0.8			64	6.400	GST04-2M □□□090C32	218
	218	1.6	265	1.6	391	1.4	64	6.400	GST05-2M □□□090C32	218
	198	0.8					70	7.040	GST04-2M □□□090C32	218
	193	1.5	234	1.4	346	1.3	72	7.238	GST05-2M □□□090C32	218
	190	1.4	231	1.3	342	1.1	74	7.333	GST06-1M □□□090C32	212
	190	2.4	231	2.3	342	2.0	74	7.333	GST07-1M □□□090C32	212
	190	2.8	231	2.7	342	2.4	74	7.333	GST09-1M □□□090C32	212
	171	1.4	208	1.4	307	1.2	81	8.163	GST05-2M □□□090C32	218
	171	3.1	208	3.0	307	2.6	81	8.163	GST06-2M □□□090C32	218
	157	1.0	190	0.9			90	8.900	GST06-1M □□□090C32	212
	157	2.0	190	1.9	282	1.7	90	8.900	GST07-1M □□□090C32	212
	157	2.5	190	2.4	282	2.1	90	8.900	GST09-1M □□□090C32	212
	155	1.3	188	1.3	278	1.1	90	9.010	GST05-2M □□□090C32	218



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				
	155	2.9	188	2.8	278	2.5	90	9.010	GST06-2M □□□090C32	218
	140	1.3	170	1.2	251	1.1	100	10.000	GST05-2M □□□090C32	218
	140	2.7	170	2.6	251	2.3	100	10.000	GST06-2M □□□090C32	218
	125	1.1	151	1.1	224	1.0	112	11.200	GST05-2M □□□090C32	218
	125	2.5	151	2.4	224	2.1	112	11.200	GST06-2M □□□090C32	218
	124	1.2	151	1.2	223	1.0	114	11.250	GST07-1M □□□090C32	212
	124	1.9	151	1.8	223	1.6	114	11.250	GST09-1M □□□090C32	212
	111	2.4	135	2.3	199	2.0	125	12.571	GST06-2M □□□090C32	218
	107	1.1	130	1.0	193	0.9	130	13.016	GST05-2M □□□090C32	218
	98	2.2	119	2.1	175	1.8	142	14.286	GST06-2M □□□090C32	218
	97	1.0	118	0.9	175	0.8	143	14.356	GST05-2M □□□090C32	218
	91	2.1	110	2.1	163	2.0	153	15.400	GST06-2M □□□090C32	218
	86	0.9	105	0.9	155	0.9	161	16.190	GST05-2M □□□090C32	218
	80	0.8	97	0.8			174	17.500	GST05-2M □□□090C32	218
	80	1.8	97	1.8	143	1.7	174	17.500	GST06-2M □□□090C32	218
	70	1.8	85	1.8	125	1.7	200	20.044	GST06-2M □□□090C32	218
	61	1.4	74	1.4	110	1.3	227	22.778	GST06-2M □□□090C32	218
	61	3.0	74	3.0	110	2.9	227	22.778	GST07-2M □□□090C32	218
	57	2.8	69	2.8	102	2.7	245	24.567	GST07-2M □□□090C32	218
	56	1.5	68	1.5	101	1.4	248	24.933	GST06-2M □□□090C32	218
	50	2.5	61	2.5	90	2.4	278	27.917	GST07-2M □□□090C32	218
	49	1.1	60	1.1	88	1.1	282	28.333	GST06-2M □□□090C32	218
	43	1.1	53	1.1	78	1.1	322	32.267	GST06-2M □□□090C32	218
	43	2.2	53	2.2	78	2.1	322	32.267	GST07-2M □□□090C32	218
	43	2.8	53	2.8	78	2.7	322	32.267	GST09-2M □□□090C32	218
	38	0.9	46	0.9	68	0.8	365	36.667	GST06-2M □□□090C32	218
	38	1.9	46	1.9	68	1.8	365	36.667	GST07-2M □□□090C32	218
	38	2.8	46	2.8	68	2.7	365	36.667	GST09-2M □□□090C32	218
	36	0.8	43	0.8			385	39.200	GST06-3M □□□090C32	224
	36	0.9	43	0.9	64	0.9	390	39.160	GST06-2M □□□090C32	218
	36	1.8	43	1.8	64	1.7	385	39.200	GST07-3M □□□090C32	224
	36	1.8	43	1.8	64	1.7	390	39.160	GST07-2M □□□090C32	218
	36	2.5	43	2.5	64	2.4	390	39.160	GST09-2M □□□090C32	218
	32	1.6	39	1.6	57	1.6	432	44.000	GST07-3M □□□090C32	224
	32	3.0	39	3.0	58	3.0	425	43.267	GST09-3M □□□090C32	224
	31	1.6	38	1.6	56	1.6	443	44.500	GST07-2M □□□090C32	218
	31	2.5	38	2.5	56	2.5	443	44.500	GST09-2M □□□090C32	218
	28	1.2	34	1.2	51	1.2	493	49.500	GST07-2M □□□090C32	218
	28	1.9	34	1.9	51	1.9	493	49.500	GST09-2M □□□090C32	218
	28	3.0	35	3.0	51	3.0	483	49.167	GST09-3M □□□090C32	224
	27	1.4	33	1.4	49	1.4	501	51.022	GST07-3M □□□090C32	224



GST

GST [Nm] - MD□MA (IE1)

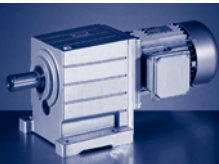
50 Hz: P_N=1.5 kW
60 Hz: P_N=1.8 kW
87 Hz: P_N=2.7 kW

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				
	26	1.3	31	1.3	47	1.3	529	53.900	GST07-3M □□□090C32	224
	26	2.7	32	2.7	47	2.7	521	53.044	GST09-3M □□□090C32	224
	25	1.2	30	1.2	45	1.2	560	56.250	GST07-2M □□□090C32	218
	25	1.9	30	1.9	45	1.9	560	56.250	GST09-2M □□□090C32	218
	23	2.7	28	2.7	42	2.7	592	60.278	GST09-3M □□□090C32	224
	21	1.1	26	1.1	39	1.1	639	65.079	GST07-3M □□□090C32	224
	20	1.0	24	1.0	36	1.0	688	70.156	GST07-3M □□□090C32	224
	19	2.1	24	2.1	35	2.1	705	71.867	GST09-3M □□□090C32	224
	18	0.9	21	0.9	31	0.9	783	79.762	GST07-3M □□□090C32	224
	17	2.0	21	2.0	31	2.0	801	81.667	GST09-3M □□□090C32	224
	16	0.8	20	0.8	29	0.8	844	85.983	GST07-3M □□□090C32	224
	15	1.8	18	1.8	27	1.8	918	93.541	GST09-3M □□□090C32	224
	14	1.6	17	1.6	25	1.6	973	99.167	GST09-3M □□□090C32	224
	12	1.5	15	1.5	22	1.5	1115	113.585	GST09-3M □□□090C32	224
	11	1.3	13	1.3	19	1.3	1267	129.074	GST09-3M □□□090C32	224
	11	2.2	13	2.2	19	2.2	1267	129.074	GST11-3M □□□090C32	224
	9.9	1.2	12	1.2	18	1.2	1387	141.289	GST09-3M □□□090C32	224
	9.5	1.9	12	1.9	17	1.9	1442	146.993	GST11-3M □□□090C32	224
	8.8	1.8	11	1.8	16	1.8	1552	158.194	GST11-3M □□□090C32	224
	8.7	1.0	11	1.0	16	1.0	1576	160.556	GST09-3M □□□090C32	224
	7.7	1.5	9.4	1.5	14	1.5	1768	180.156	GST11-3M □□□090C32	224
	7.6	0.9	9.3	0.9	14	0.9	1794	182.844	GST09-3M □□□090C32	224
	6.8	2.8	8.3	2.8	12	2.8	2009	204.722	GST14-3M □□□090C32	224
	6.7	1.4	8.2	1.4	12	1.4	2039	207.778	GST11-3M □□□090C32	224
	5.9	1.2	7.2	1.2	11	1.2	2322	236.622	GST11-3M □□□090C32	224
	5.9	2.5	7.2	2.5	11	2.5	2322	236.622	GST14-3M □□□090C32	224
	5.6	2.4	6.8	2.4	10	2.4	2438	248.458	GST14-3M □□□090C32	224
	5.5	1.1	6.7	1.1	9.9	1.1	2475	252.167	GST11-3M □□□090C32	224
	5.2	1.1	6.3	1.1	9.3	1.1	2639	268.889	GST11-3M □□□090C32	224
	5.2	2.2	6.3	2.2	9.3	2.2	2639	268.889	GST14-3M □□□090C32	224
	4.3	0.9	5.2	0.9	7.7	0.9	3202	326.333	GST11-3M □□□090C32	224
	4.3	1.9	5.2	1.9	7.7	1.9	3202	326.333	GST14-3M □□□090C32	224
	3.8	1.6	4.7	1.6	6.9	1.6	3562	363.000	GST14-3M □□□090C32	224
	3.4	1.5	4.1	1.5	6.1	1.5	4048	412.500	GST14-3M □□□090C32	224



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						
	1706	1.3	2081	1.2			12	1.600	GST04-1M □□□090C31	212
	1706	3.0	2081	2.8			12	1.600	GST05-1M □□□090C31	212
	1333	1.2	1626	1.1			16	2.048	GST04-1M □□□090C31	212
	1333	2.8	1626	2.6			16	2.048	GST05-1M □□□090C31	212
	1219	1.2	1487	1.1			17	2.240	GST04-1M □□□090C31	212
	1219	2.6	1487	2.4			17	2.240	GST05-1M □□□090C31	212
	956	1.0	1166	0.9			22	2.857	GST04-1M □□□090C31	212
	956	2.0	1166	1.9			22	2.857	GST05-1M □□□090C31	212
	924	1.5	1127	1.4			22	2.956	GST04-2M □□□090C31	218
	924	2.3	1127	2.2			22	2.956	GST05-2M □□□090C31	218
	819	1.4	999	1.3			25	3.333	GST04-2M □□□090C31	218
	819	2.6	999	2.4			25	3.333	GST05-2M □□□090C31	218
	780	1.7	951	1.6			27	3.500	GST05-1M □□□090C31	212
	780	3.2	951	3.0			27	3.500	GST06-1M □□□090C31	212
	674	1.2	822	1.1			30	4.053	GST04-2M □□□090C31	218
	674	2.2	822	2.1			30	4.053	GST05-2M □□□090C31	218
	599	1.3	731	1.2			35	4.556	GST05-1M □□□090C31	212
	599	2.5	731	2.3			35	4.556	GST06-1M □□□090C31	212
	597	1.2	728	1.1			34	4.571	GST04-2M □□□090C31	218
	597	2.2	728	2.1			34	4.571	GST05-2M □□□090C31	218
	526	1.1	642	1.0			39	5.187	GST04-2M □□□090C31	218
	526	1.9	642	1.8			39	5.187	GST05-2M □□□090C31	218
	489	3.1	596	2.9			42	5.583	GST07-1M □□□090C31	212
	482	1.0	588	1.0			43	5.667	GST05-1M □□□090C31	212
	482	2.0	588	1.9			43	5.667	GST06-1M □□□090C31	212
	467	1.0	569	0.9			44	5.850	GST04-2M □□□090C31	218
	467	1.9	569	1.8			44	5.850	GST05-2M □□□090C31	218
	427	0.9	520	0.9			48	6.400	GST04-2M □□□090C31	218
	427	1.8	520	1.7			48	6.400	GST05-2M □□□090C31	218
	388	0.9	473	0.8			53	7.040	GST04-2M □□□090C31	218
	377	1.6	460	1.5			54	7.238	GST05-2M □□□090C31	218
	372	1.5	454	1.4			56	7.333	GST06-1M □□□090C31	212
	372	2.6	454	2.4			56	7.333	GST07-1M □□□090C31	212
	372	3.1	454	2.9			56	7.333	GST09-1M □□□090C31	212
	341	0.8					60	8.000	GST04-2M □□□090C31	218
	334	1.6	408	1.5			61	8.163	GST05-2M □□□090C31	218
	307	1.0	374	1.0			68	8.900	GST06-1M □□□090C31	212
	307	2.2	374	2.0			68	8.900	GST07-1M □□□090C31	212
	307	2.7	374	2.5			68	8.900	GST09-1M □□□090C31	212
	303	1.5	370	1.4			67	9.010	GST05-2M □□□090C31	218
	303	3.2	370	3.0			67	9.010	GST06-2M □□□090C31	218



GST

GST [Nm] - MD□MA (IE1)

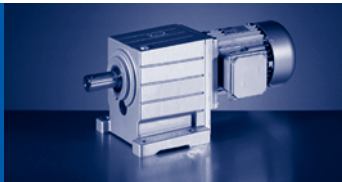
50 Hz: P_N=2.2 kW
60 Hz: P_N=2.6 kW

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						
	273	1.4	333	1.3			75	10.000	GST05-2M □□□090C31	218
	273	3.0	333	2.8			75	10.000	GST06-2M □□□090C31	218
	244	1.3	297	1.2			84	11.200	GST05-2M □□□090C31	218
	244	2.7	297	2.6			84	11.200	GST06-2M □□□090C31	218
	243	1.3	296	1.2			85	11.250	GST07-1M □□□090C31	212
	243	2.1	296	2.0			85	11.250	GST09-1M □□□090C31	212
	217	2.6	265	2.4			94	12.571	GST06-2M □□□090C31	218
	210	1.2	256	1.1			97	13.016	GST05-2M □□□090C31	218
	191	2.4	233	2.2			107	14.286	GST06-2M □□□090C31	218
	190	1.1	232	1.0			107	14.356	GST05-2M □□□090C31	218
	177	2.6	216	2.4			115	15.400	GST06-2M □□□090C31	218
	169	1.1	206	1.1			121	16.190	GST05-2M □□□090C31	218
	156	1.0	190	1.0			131	17.500	GST05-2M □□□090C31	218
	156	2.2	190	2.1			131	17.500	GST06-2M □□□090C31	218
	136	1.0	166	0.9			150	20.044	GST05-2M □□□090C31	218
	136	2.2	166	2.0			150	20.044	GST06-2M □□□090C31	218
	120	1.7	146	1.6			170	22.778	GST06-2M □□□090C31	218
	110	0.8					186	24.933	GST05-2M □□□090C31	218
	110	1.8	134	1.7			186	24.933	GST06-2M □□□090C31	218
	98	3.1	119	2.9			208	27.917	GST07-2M □□□090C31	218
	96	1.4	118	1.3			212	28.333	GST06-2M □□□090C31	218
	85	1.4	103	1.3			241	32.267	GST06-2M □□□090C31	218
	85	2.7	103	2.6			241	32.267	GST07-2M □□□090C31	218
	75	1.1	91	1.0			274	36.667	GST06-2M □□□090C31	218
	75	2.4	91	2.2			274	36.667	GST07-2M □□□090C31	218
	70	1.0	85	1.0			288	39.200	GST06-3M □□□090C31	224
	70	1.2	85	1.1			292	39.160	GST06-2M □□□090C31	218
	70	2.2	85	2.1			288	39.200	GST07-3M □□□090C31	224
	70	2.3	85	2.1			292	39.160	GST07-2M □□□090C31	218
	70	3.1	85	2.9			292	39.160	GST09-2M □□□090C31	218
	62	1.0	76	1.0			324	44.000	GST06-3M □□□090C31	224
	62	2.2	76	2.1			324	44.000	GST07-3M □□□090C31	224
	61	1.0	75	0.9			332	44.500	GST06-2M □□□090C31	218
	61	2.1	75	2.1			332	44.500	GST07-2M □□□090C31	218
	55	1.6	67	1.6			370	49.500	GST07-2M □□□090C31	218
	55	2.6	67	2.5			370	49.500	GST09-2M □□□090C31	218
	54	0.9	65	0.8			375	51.022	GST06-3M □□□090C31	224
	54	1.9	65	1.8			375	51.022	GST07-3M □□□090C31	224
	51	0.9	62	0.9			396	53.900	GST06-3M □□□090C31	224
	51	1.8	62	1.7			396	53.900	GST07-3M □□□090C31	224
	49	1.6	59	1.6			420	56.250	GST07-2M □□□090C31	218



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						
	49	2.6	59	2.5			420	56.250	GST09-2M □□□090C31	218
	42	1.5	51	1.4			479	65.079	GST07-3M □□□090C31	224
	39	1.4	48	1.3			516	70.156	GST07-3M □□□090C31	224
	38	2.8	46	2.7			529	71.867	GST09-3M □□□090C31	224
	34	1.2	42	1.2			587	79.762	GST07-3M □□□090C31	224
	33	2.6	41	2.6			601	81.667	GST09-3M □□□090C31	224
	32	1.1	39	1.1			632	85.983	GST07-3M □□□090C31	224
	29	2.3	36	2.3			688	93.541	GST09-3M □□□090C31	224
	28	1.0	34	1.0			719	97.708	GST07-3M □□□090C31	224
	28	2.2	34	2.1			729	99.167	GST09-3M □□□090C31	224
	24	0.9	30	0.8			823	111.915	GST07-3M □□□090C31	224
	24	1.9	29	1.9			835	113.585	GST09-3M □□□090C31	224
	21	1.7	26	1.6			949	129.074	GST09-3M □□□090C31	224
	21	3.0	26	2.9			949	129.074	GST11-3M □□□090C31	224
	19	1.6	24	1.5			1039	141.289	GST09-3M □□□090C31	224
	19	2.5	23	2.4			1081	146.993	GST11-3M □□□090C31	224
	17	1.4	21	1.3			1181	160.556	GST09-3M □□□090C31	224
	17	2.4	21	2.3			1163	158.194	GST11-3M □□□090C31	224
	15	1.2	18	1.2			1345	182.844	GST09-3M □□□090C31	224
	15	2.0	19	2.0			1325	180.156	GST11-3M □□□090C31	224
	13	1.1	16	1.0			1528	207.778	GST09-3M □□□090C31	224
	13	1.8	16	1.8			1528	207.778	GST11-3M □□□090C31	224
	12	0.9	14	0.9			1740	236.622	GST09-3M □□□090C31	224
	12	1.6	14	1.5			1740	236.622	GST11-3M □□□090C31	224
	11	0.9	13	0.9			1855	252.167	GST09-3M □□□090C31	224
	11	1.5	13	1.5			1855	252.167	GST11-3M □□□090C31	224
	11	3.2	13	3.1			1827	248.458	GST14-3M □□□090C31	224
	10	0.8					1978	268.889	GST09-3M □□□090C31	224
	10	1.4	12	1.4			1978	268.889	GST11-3M □□□090C31	224
	10	3.0	12	2.9			1978	268.889	GST14-3M □□□090C31	224
	8.4	1.2	10	1.2			2400	326.333	GST11-3M □□□090C31	224
	8.4	2.5	10	2.4			2400	326.333	GST14-3M □□□090C31	224
	7.5	1.0	9.2	1.0			2670	363.000	GST11-3M □□□090C31	224
	7.5	2.2	9.2	2.1			2670	363.000	GST14-3M □□□090C31	224
	6.6	0.9	8.1	0.9			3034	412.500	GST11-3M □□□090C31	224
	6.6	2.0	8.1	1.9			3034	412.500	GST14-3M □□□090C31	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: P_N=2.2 kW

60 Hz: P_N=2.6 kW

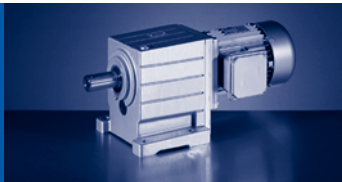
87 Hz: P_N=3.9 kW

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				
	900	1.9	1088	1.9	1594	1.6	23	1.600	GST05-1M □□□100C12	212
	900	2.7	1088	2.5	1594	2.2	23	1.600	GST06-1M □□□100C12	212
	703	1.8	850	1.7	1245	1.5	29	2.048	GST05-1M □□□100C12	212
	703	2.5	850	2.3	1245	2.1	29	2.048	GST06-1M □□□100C12	212
	643	1.7	777	1.6	1138	1.4	32	2.240	GST05-1M □□□100C12	212
	643	2.4	777	2.3	1138	2.0	32	2.240	GST06-1M □□□100C12	212
	504	1.3	609	1.2	893	1.1	41	2.857	GST05-1M □□□100C12	212
	504	2.3	609	2.1	893	1.9	41	2.857	GST06-1M □□□100C12	212
	487	1.5	589	1.4	863	1.3	42	2.956	GST05-2M □□□100C12	218
	432	1.7	522	1.6	765	1.4	47	3.333	GST05-2M □□□100C12	218
	411	1.1	497	1.0	729	0.9	50	3.500	GST05-1M □□□100C12	212
	411	2.1	497	2.0	729	1.7	50	3.500	GST06-1M □□□100C12	212
	355	1.4	429	1.4	629	1.2	57	4.053	GST05-2M □□□100C12	218
	346	3.3	418	3.1	613	2.7	59	4.160	GST06-2M □□□100C12	218
	316	1.6	382	1.5	560	1.3	66	4.556	GST06-1M □□□100C12	212
	316	2.8	382	2.7	560	2.4	66	4.556	GST07-1M □□□100C12	212
	315	1.4	381	1.3	558	1.2	65	4.571	GST05-2M □□□100C12	218
	315	3.1	381	2.9	558	2.6	65	4.571	GST06-2M □□□100C12	218
	278	1.2	335	1.2	492	1.0	73	5.187	GST05-2M □□□100C12	218
	271	2.8	327	2.6	479	2.3	75	5.324	GST06-2M □□□100C12	218
	258	2.4	312	2.3	457	2.1	80	5.583	GST07-1M □□□100C12	212
	254	1.3	307	1.2	450	1.1	81	5.667	GST06-1M □□□100C12	212
	246	1.2	297	1.2	436	1.0	83	5.850	GST05-2M □□□100C12	218
	246	2.7	297	2.6	436	2.2	83	5.850	GST06-2M □□□100C12	218
	225	1.2	272	1.1	398	1.0	91	6.400	GST05-2M □□□100C12	218
	225	2.5	272	2.4	398	2.1	91	6.400	GST06-2M □□□100C12	218
	205	2.4	247	2.3	362	2.0	100	7.040	GST06-2M □□□100C12	218
	199	1.1	240	1.0	352	0.9	103	7.238	GST05-2M □□□100C12	218
	196	1.9	237	1.8	348	1.6	105	7.333	GST07-1M □□□100C12	212
	196	2.8	237	2.6	348	2.3	105	7.333	GST09-1M □□□100C12	212
	176	1.0	213	1.0	312	0.8	116	8.163	GST05-2M □□□100C12	218
	176	2.2	213	2.1	312	1.8	116	8.163	GST06-2M □□□100C12	218
	162	1.4	196	1.4	287	1.2	128	8.900	GST07-1M □□□100C12	212
	162	2.3	196	2.2	287	1.9	128	8.900	GST09-1M □□□100C12	212
	160	0.9	193	0.9			128	9.010	GST05-2M □□□100C12	218
	160	2.1	193	2.0	283	1.7	128	9.010	GST06-2M □□□100C12	218
	144	0.9	174	0.8			142	10.000	GST05-2M □□□100C12	218
	144	1.9	174	1.8	255	1.6	142	10.000	GST06-2M □□□100C12	218
	129	0.8					159	11.200	GST05-2M □□□100C12	218
	129	1.8	155	1.7	228	1.5	159	11.200	GST06-2M □□□100C12	218
	128	1.8	155	1.7	227	1.5	162	11.250	GST09-1M □□□100C12	212



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				
	115	1.7	138	1.6	203	1.4	178	12.571	GST06-2M □□□100C12	218
	101	1.5	122	1.4	179	1.3	202	14.286	GST06-2M □□□100C12	218
	101	3.2	122	3.0	179	2.7	202	14.286	GST07-2M □□□100C12	218
	94	1.5	113	1.5	166	1.4	218	15.400	GST06-2M □□□100C12	218
	94	3.0	113	3.0	166	2.8	218	15.400	GST07-2M □□□100C12	218
	82	1.3	99	1.3	146	1.2	248	17.500	GST06-2M □□□100C12	218
	82	2.7	99	2.7	146	2.6	248	17.500	GST07-2M □□□100C12	218
	72	1.2	87	1.2	127	1.2	284	20.044	GST06-2M □□□100C12	218
	72	2.5	87	2.5	127	2.3	284	20.044	GST07-2M □□□100C12	218
	63	1.0	76	1.0	112	0.9	322	22.778	GST06-2M □□□100C12	218
	63	2.1	76	2.1	112	2.0	322	22.778	GST07-2M □□□100C12	218
	59	2.0	71	2.0	104	1.9	348	24.567	GST07-2M □□□100C12	218
	58	1.0	70	1.0	102	1.0	353	24.933	GST06-2M □□□100C12	218
	52	1.8	62	1.8	91	1.7	395	27.917	GST07-2M □□□100C12	218
	45	1.6	54	1.6	79	1.5	457	32.267	GST07-2M □□□100C12	218
	45	2.8	54	2.8	79	2.6	457	32.267	GST09-2M □□□100C12	218
	39	1.4	48	1.4	70	1.3	519	36.667	GST07-2M □□□100C12	218
	39	2.8	48	2.8	70	2.6	519	36.667	GST09-2M □□□100C12	218
	37	1.3	44	1.3	65	1.2	547	39.200	GST07-3M □□□100C12	224
	37	1.3	44	1.3	65	1.2	554	39.160	GST07-2M □□□100C12	218
	37	2.3	44	2.3	65	2.2	554	39.160	GST09-2M □□□100C12	218
	37	2.9	44	2.9	65	2.7	554	39.160	GST11-2M □□□100C12	218
	36	2.4	43	2.4	64	2.3	560	40.136	GST09-3M □□□100C12	224
	33	1.2	40	1.2	58	1.2	614	44.000	GST07-3M □□□100C12	224
	33	2.1	40	2.1	59	2.1	603	43.267	GST09-3M □□□100C12	224
	32	1.1	39	1.1	57	1.1	630	44.500	GST07-2M □□□100C12	218
	32	2.3	39	2.3	57	2.3	630	44.500	GST09-2M □□□100C12	218
	32	2.9	39	2.9	57	2.9	630	44.500	GST11-2M □□□100C12	218
	29	1.8	35	1.8	52	1.8	701	49.500	GST09-2M □□□100C12	218
	29	2.1	35	2.1	52	2.1	686	49.167	GST09-3M □□□100C12	224
	29	2.3	35	2.3	52	2.3	701	49.500	GST11-2M □□□100C12	218
	28	1.0	34	1.0	50	1.0	711	51.022	GST07-3M □□□100C12	224
	27	0.9	32	0.9	47	0.9	752	53.900	GST07-3M □□□100C12	224
	27	1.9	33	1.9	48	1.9	740	53.044	GST09-3M □□□100C12	224
	26	1.8	31	1.8	45	1.8	796	56.250	GST09-2M □□□100C12	218
	26	2.3	31	2.3	45	2.3	796	56.250	GST11-2M □□□100C12	218
	25	3.2	30	3.2	44	3.2	808	57.968	GST11-3M □□□100C12	224
	24	1.9	29	1.9	42	1.9	840	60.278	GST09-3M □□□100C12	224
	24	3.2	28	3.2	42	3.2	854	61.250	GST11-3M □□□100C12	224
	20	1.5	24	1.5	36	1.5	1002	71.867	GST09-3M □□□100C12	224
	20	2.7	25	2.7	36	2.7	990	71.011	GST11-3M □□□100C12	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=2.2$ kW

60 Hz: $P_N=2.6$ kW

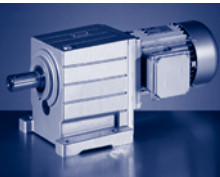
87 Hz: $P_N=3.9$ kW

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				
	18	1.4	21	1.4	31	1.4	1139	81.667	GST09-3M □□□100C12	224
	18	2.5	22	2.5	32	2.5	1125	80.694	GST11-3M □□□100C12	224
	17	2.2	20	2.2	29	2.2	1217	87.267	GST11-3M □□□100C12	224
	15	1.2	19	1.2	27	1.2	1304	93.541	GST09-3M □□□100C12	224
	15	1.2	18	1.2	26	1.2	1383	99.167	GST09-3M □□□100C12	224
	15	2.0	18	2.0	26	2.0	1383	99.167	GST11-3M □□□100C12	224
	13	1.0	15	1.0	23	1.0	1584	113.585	GST09-3M □□□100C12	224
	13	1.7	15	1.7	23	1.7	1575	112.933	GST11-3M □□□100C12	224
	11	0.9	14	0.9	20	0.9	1800	129.074	GST09-3M □□□100C12	224
	11	1.6	14	1.6	20	1.6	1800	129.074	GST11-3M □□□100C12	224
	10	0.8	12	0.8	18	0.8	1970	141.289	GST09-3M □□□100C12	224
	10	3.0	13	3.0	18	3.0	1941	139.211	GST14-3M □□□100C12	224
	9.8	1.3	12	1.3	17	1.3	2049	146.993	GST11-3M □□□100C12	224
	9.1	1.3	11	1.3	16	1.3	2206	158.194	GST11-3M □□□100C12	224
	9.1	2.7	11	2.7	16	2.7	2206	158.194	GST14-3M □□□100C12	224
	8.4	2.5	10	2.5	15	2.5	2386	171.111	GST14-3M □□□100C12	224
	8	1.1	9.7	1.1	14	1.1	2512	180.156	GST11-3M □□□100C12	224
	7	2.1	8.5	2.1	13	2.1	2854	204.722	GST14-3M □□□100C12	224
	6.9	1.0	8.4	1.0	12	1.0	2897	207.778	GST11-3M □□□100C12	224
	6.1	0.8	7.4	0.8	11	0.8	3299	236.622	GST11-3M □□□100C12	224
	6.1	1.8	7.4	1.8	11	1.8	3299	236.622	GST14-3M □□□100C12	224
	5.8	1.7	7	1.7	10	1.7	3464	248.458	GST14-3M □□□100C12	224
	5.4	1.6	6.5	1.6	9.5	1.6	3749	268.889	GST14-3M □□□100C12	224
	4.4	1.3	5.3	1.3	7.8	1.3	4550	326.333	GST14-3M □□□100C12	224
	4	1.1	4.8	1.1	7	1.1	5061	363.000	GST14-3M □□□100C12	224
	3.5	1.0	4.2	1.0	6.2	1.0	5751	412.500	GST14-3M □□□100C12	224



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						
	1806	2.3	2181	2.2			16	1.600	GST05-1M □□□100C31	212
	1806	3.2	2181	3.0			16	1.600	GST06-1M □□□100C31	212
	1411	2.1	1704	2.0			20	2.048	GST05-1M □□□100C31	212
	1411	2.9	1704	2.7			20	2.048	GST06-1M □□□100C31	212
	1290	2.0	1558	1.8			22	2.240	GST05-1M □□□100C31	212
	1290	2.9	1558	2.7			22	2.240	GST06-1M □□□100C31	212
	1012	1.5	1222	1.4			28	2.857	GST05-1M □□□100C31	212
	1012	2.7	1222	2.5			28	2.857	GST06-1M □□□100C31	212
	978	1.8	1181	1.7			28	2.956	GST05-2M □□□100C31	218
	867	2.0	1047	1.8			32	3.333	GST05-2M □□□100C31	218
	826	1.3	997	1.2			34	3.500	GST05-1M □□□100C31	212
	826	2.5	997	2.3			34	3.500	GST06-1M □□□100C31	212
	713	1.7	861	1.6			39	4.053	GST05-2M □□□100C31	218
	634	1.9	766	1.8			45	4.556	GST06-1M □□□100C31	212
	632	1.7	763	1.6			44	4.571	GST05-2M □□□100C31	218
	557	1.5	673	1.4			50	5.187	GST05-2M □□□100C31	218
	543	3.3	656	3.1			51	5.324	GST06-2M □□□100C31	218
	518	2.9	625	2.7			55	5.583	GST07-1M □□□100C31	212
	510	1.5	616	1.4			55	5.667	GST06-1M □□□100C31	212
	494	1.5	597	1.4			56	5.850	GST05-2M □□□100C31	218
	494	3.2	597	3.0			56	5.850	GST06-2M □□□100C31	218
	452	1.4	545	1.3			62	6.400	GST05-2M □□□100C31	218
	452	3.0	545	2.8			62	6.400	GST06-2M □□□100C31	218
	411	2.8	496	2.6			68	7.040	GST06-2M □□□100C31	218
	399	1.3	482	1.2			70	7.238	GST05-2M □□□100C31	218
	394	2.2	476	2.1			72	7.333	GST07-1M □□□100C31	212
	354	1.2	428	1.1			79	8.163	GST05-2M □□□100C31	218
	354	2.6	428	2.4			79	8.163	GST06-2M □□□100C31	218
	325	1.7	392	1.6			87	8.900	GST07-1M □□□100C31	212
	325	2.7	392	2.6			87	8.900	GST09-1M □□□100C31	212
	321	1.1	387	1.0			87	9.010	GST05-2M □□□100C31	218
	321	2.4	387	2.3			87	9.010	GST06-2M □□□100C31	218
	289	1.0	349	1.0			96	10.000	GST05-2M □□□100C31	218
	289	2.3	349	2.1			96	10.000	GST06-2M □□□100C31	218
	258	1.0	312	0.9			108	11.200	GST05-2M □□□100C31	218
	258	2.1	312	2.0			108	11.200	GST06-2M □□□100C31	218
	257	2.2	310	2.0			110	11.250	GST09-1M □□□100C31	212
	230	2.0	278	1.8			121	12.571	GST06-2M □□□100C31	218
	202	1.8	244	1.7			137	14.286	GST06-2M □□□100C31	218
	188	2.0	227	1.8			148	15.400	GST06-2M □□□100C31	218
	165	1.7	199	1.6			168	17.500	GST06-2M □□□100C31	218



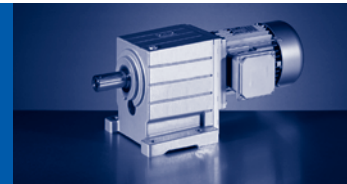
GST

GST [Nm] - MD□MA (IE1)

50 Hz: P_N=3.0 kW

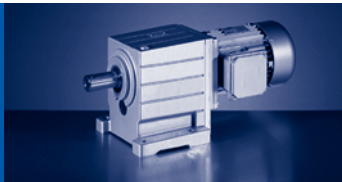
60 Hz: P_N=3.6 kW

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						
	144	1.7	174	1.6			193	20.044	GST06-2M □□□100C31	218
	127	1.3	153	1.2			219	22.778	GST06-2M □□□100C31	218
	127	2.8	153	2.7			219	22.778	GST07-2M □□□100C31	218
	118	2.7	142	2.6			236	24.567	GST07-2M □□□100C31	218
	116	1.4	140	1.3			240	24.933	GST06-2M □□□100C31	218
	104	2.4	125	2.2			269	27.917	GST07-2M □□□100C31	218
	102	1.1	123	1.0			273	28.333	GST06-2M □□□100C31	218
	90	2.1	108	2.0			310	32.267	GST07-2M □□□100C31	218
	79	1.8	95	1.7			353	36.667	GST07-2M □□□100C31	218
	74	1.7	89	1.6			377	39.160	GST07-2M □□□100C31	218
	74	1.7	89	1.6			371	39.200	GST07-3M □□□100C31	224
	74	3.1	89	2.9			377	39.160	GST09-2M □□□100C31	218
	72	3.2	87	3.0			380	40.136	GST09-3M □□□100C31	224
	67	3.2	81	3.0			410	43.267	GST09-3M □□□100C31	224
	66	1.7	79	1.6			417	44.000	GST07-3M □□□100C31	224
	65	1.7	78	1.6			428	44.500	GST07-2M □□□100C31	218
	59	3.2	71	3.0			466	49.167	GST09-3M □□□100C31	224
	58	2.7	71	2.6			476	49.500	GST09-2M □□□100C31	218
	57	1.5	68	1.4			483	51.022	GST07-3M □□□100C31	224
	55	2.7	66	2.6			503	53.044	GST09-3M □□□100C31	224
	54	1.4	65	1.3			511	53.900	GST07-3M □□□100C31	224
	51	2.7	62	2.6			541	56.250	GST09-2M □□□100C31	218
	48	2.7	58	2.6			571	60.278	GST09-3M □□□100C31	224
	41	1.1	50	1.0			665	70.156	GST07-3M □□□100C31	224
	40	2.2	49	2.1			681	71.867	GST09-3M □□□100C31	224
	36	0.9	44	0.9			756	79.762	GST07-3M □□□100C31	224
	35	2.1	43	2.0			774	81.667	GST09-3M □□□100C31	224
	34	0.9	41	0.8			815	85.983	GST07-3M □□□100C31	224
	33	3.2	40	3.1			827	87.267	GST11-3M □□□100C31	224
	31	1.8	37	1.7			886	93.541	GST09-3M □□□100C31	224
	29	1.7	35	1.6			939	99.167	GST09-3M □□□100C31	224
	29	3.0	35	2.8			939	99.167	GST11-3M □□□100C31	224
	26	2.5	31	2.4			1070	112.933	GST11-3M □□□100C31	224
	25	1.5	31	1.4			1076	113.585	GST09-3M □□□100C31	224
	22	1.3	27	1.3			1223	129.074	GST09-3M □□□100C31	224
	22	2.3	27	2.2			1223	129.074	GST11-3M □□□100C31	224
	21	1.2	25	1.2			1339	141.289	GST09-3M □□□100C31	224
	20	1.9	24	1.8			1393	146.993	GST11-3M □□□100C31	224
	18	1.1	22	1.0			1521	160.556	GST09-3M □□□100C31	224
	18	1.9	22	1.8			1499	158.194	GST11-3M □□□100C31	224
	16	1.6	19	1.5			1707	180.156	GST11-3M □□□100C31	224



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						
	14	1.4	17	1.4			1968	207.778	GST11-3M □□□100C31	224
	14	3.1	17	2.9			1939	204.722	GST14-3M □□□100C31	224
	12	1.2	15	1.1			2242	236.622	GST11-3M □□□100C31	224
	12	1.2	14	1.1			2389	252.167	GST11-3M □□□100C31	224
	12	2.5	14	2.4			2354	248.458	GST14-3M □□□100C31	224
	12	2.6	15	2.5			2242	236.622	GST14-3M □□□100C31	224
	11	1.1	13	1.1			2547	268.889	GST11-3M □□□100C31	224
	11	2.3	13	2.2			2547	268.889	GST14-3M □□□100C31	224
	8.9	0.9	11	0.9			3092	326.333	GST11-3M □□□100C31	224
	8.9	1.9	11	1.8			3092	326.333	GST14-3M □□□100C31	224
	8	1.7	9.6	1.6			3439	363.000	GST14-3M □□□100C31	224
	7	1.5	8.5	1.4			3908	412.500	GST14-3M □□□100C31	224



GST

GST [Nm] - MD□MA (IE1)

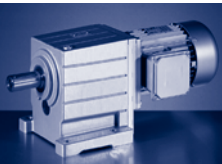
50 Hz: P_N=3.0 kW
60 Hz: P_N=3.6 kW
87 Hz: P_N=5.4 kW

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				
	894	1.4	1081	1.4	1588	1.2	32	1.600	GST05-1M □□□100C32	212
	894	1.9	1081	1.9	1588	1.6	32	1.600	GST06-1M □□□100C32	212
	715	3.1	865	3.0	1270	2.6	40	2.000	GST07-1M □□□100C32	212
	698	1.3	845	1.2	1241	1.1	40	2.048	GST05-1M □□□100C32	212
	698	1.8	845	1.7	1241	1.5	40	2.048	GST06-1M □□□100C32	212
	638	1.2	772	1.1	1134	1.0	44	2.240	GST05-1M □□□100C32	212
	638	1.8	772	1.7	1134	1.5	44	2.240	GST06-1M □□□100C32	212
	638	3.0	772	2.9	1134	2.6	44	2.240	GST07-1M □□□100C32	212
	501	0.9	606	0.9			56	2.857	GST05-1M □□□100C32	212
	501	1.6	606	1.6	889	1.4	56	2.857	GST06-1M □□□100C32	212
	501	2.8	606	2.7	889	2.4	56	2.857	GST07-1M □□□100C32	212
	484	1.1	585	1.1	859	0.9	57	2.956	GST05-2M □□□100C32	218
	471	2.8	570	2.7	837	2.4	59	3.033	GST06-2M □□□100C32	218
	429	1.2	519	1.2	762	1.0	65	3.333	GST05-2M □□□100C32	218
	429	2.7	519	2.6	762	2.3	65	3.333	GST06-2M □□□100C32	218
	409	1.5	494	1.5	726	1.3	69	3.500	GST06-1M □□□100C32	212
	409	2.5	494	2.4	726	2.1	69	3.500	GST07-1M □□□100C32	212
	353	1.0	427	1.0	627	0.9	79	4.053	GST05-2M □□□100C32	218
	344	2.4	416	2.3	611	2.0	81	4.160	GST06-2M □□□100C32	218
	314	1.2	380	1.1	558	1.0	90	4.556	GST06-1M □□□100C32	212
	314	2.1	380	2.0	558	1.7	90	4.556	GST07-1M □□□100C32	212
	313	1.0	378	1.0	556	0.9	89	4.571	GST05-2M □□□100C32	218
	313	2.3	378	2.1	556	1.9	89	4.571	GST06-2M □□□100C32	218
	306	3.0	371	2.8	544	2.5	92	4.667	GST09-1M □□□100C32	212
	276	0.9	334	0.9			101	5.187	GST05-2M □□□100C32	218
	269	2.0	325	1.9	477	1.7	104	5.324	GST06-2M □□□100C32	218
	256	1.8	310	1.7	455	1.5	110	5.583	GST07-1M □□□100C32	212
	252	0.9	305	0.9			112	5.667	GST06-1M □□□100C32	212
	252	2.5	305	2.4	448	2.1	112	5.667	GST09-1M □□□100C32	212
	244	0.9	296	0.9			114	5.850	GST05-2M □□□100C32	218
	244	2.0	296	1.9	434	1.6	114	5.850	GST06-2M □□□100C32	218
	223	0.8	270	0.8			124	6.400	GST05-2M □□□100C32	218
	223	1.8	270	1.8	397	1.6	124	6.400	GST06-2M □□□100C32	218
	203	1.7	246	1.7	361	1.5	137	7.040	GST06-2M □□□100C32	218
	195	1.4	236	1.3	346	1.1	145	7.333	GST07-1M □□□100C32	212
	195	2.0	236	1.9	346	1.7	145	7.333	GST09-1M □□□100C32	212
	175	1.6	212	1.5	311	1.3	159	8.163	GST06-2M □□□100C32	218
	163	3.1	197	2.9	289	2.6	171	8.800	GST07-2M □□□100C32	218
	161	1.0	194	1.0	285	0.9	176	8.900	GST07-1M □□□100C32	212
	161	1.7	194	1.6	285	1.4	176	8.900	GST09-1M □□□100C32	212
	159	1.5	192	1.4	282	1.3	175	9.010	GST06-2M □□□100C32	218



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				
	145	2.9	176	2.7	258	2.4	192	9.856	GST07-2M □□□100C32	218
	143	1.4	173	1.3	254	1.2	194	10.000	GST06-2M □□□100C32	218
	128	1.3	155	1.2	227	1.1	218	11.200	GST06-2M □□□100C32	218
	128	2.8	155	2.6	227	2.3	218	11.200	GST07-2M □□□100C32	218
	127	1.3	154	1.3	226	1.1	222	11.250	GST09-1M □□□100C32	212
	114	1.2	138	1.2	202	1.0	244	12.571	GST06-2M □□□100C32	218
	114	2.5	138	2.3	202	2.1	244	12.571	GST07-2M □□□100C32	218
	100	1.1	121	1.1	178	0.9	278	14.286	GST06-2M □□□100C32	218
	100	2.3	121	2.2	178	1.9	278	14.286	GST07-2M □□□100C32	218
	93	1.1	112	1.1	165	1.0	299	15.400	GST06-2M □□□100C32	218
	93	2.2	112	2.2	165	2.1	299	15.400	GST07-2M □□□100C32	218
	82	0.9	99	0.9	145	0.9	340	17.500	GST06-2M □□□100C32	218
	82	2.0	99	2.0	145	1.9	340	17.500	GST07-2M □□□100C32	218
	71	0.9	86	0.9	127	0.9	390	20.044	GST06-2M □□□100C32	218
	71	1.8	86	1.8	127	1.7	390	20.044	GST07-2M □□□100C32	218
	70	3.0	84	3.0	124	2.8	399	20.533	GST09-2M □□□100C32	218
	63	1.5	76	1.5	112	1.5	443	22.778	GST07-2M □□□100C32	218
	61	3.0	74	3.0	109	2.8	454	23.333	GST09-2M □□□100C32	218
	58	1.5	70	1.5	103	1.4	478	24.567	GST07-2M □□□100C32	218
	57	2.5	69	2.5	102	2.4	485	24.933	GST09-2M □□□100C32	218
	51	1.3	62	1.3	91	1.2	543	27.917	GST07-2M □□□100C32	218
	51	2.5	61	2.5	90	2.4	551	28.333	GST09-2M □□□100C32	218
	44	1.1	54	1.1	79	1.1	627	32.267	GST07-2M □□□100C32	218
	44	2.0	54	2.0	79	1.9	627	32.267	GST09-2M □□□100C32	218
	44	2.5	54	2.5	79	2.4	627	32.267	GST11-2M □□□100C32	218
	39	1.0	47	1.0	69	0.9	713	36.667	GST07-2M □□□100C32	218
	39	2.0	47	2.0	69	1.9	713	36.667	GST09-2M □□□100C32	218
	39	2.5	47	2.5	69	2.4	713	36.667	GST11-2M □□□100C32	218
	37	0.9	44	0.9	65	0.9	761	39.160	GST07-2M □□□100C32	218
	37	0.9	44	0.9	65	0.9	751	39.200	GST07-3M □□□100C32	224
	37	1.7	44	1.7	65	1.6	761	39.160	GST09-2M □□□100C32	218
	37	2.1	44	2.1	65	2.0	761	39.160	GST11-2M □□□100C32	218
	36	1.8	43	1.8	63	1.7	768	40.136	GST09-3M □□□100C32	224
	33	0.8	39	0.8	58	0.8	842	44.000	GST07-3M □□□100C32	224
	33	1.6	40	1.6	59	1.6	828	43.267	GST09-3M □□□100C32	224
	33	2.9	39	2.9	58	2.9	842	44.000	GST11-3M □□□100C32	224
	32	0.8	39	0.8	57	0.8	865	44.500	GST07-2M □□□100C32	218
	32	1.7	39	1.7	57	1.7	865	44.500	GST09-2M □□□100C32	218
	32	2.1	39	2.1	57	2.1	865	44.500	GST11-2M □□□100C32	218
	29	1.3	35	1.3	51	1.3	962	49.500	GST09-2M □□□100C32	218
	29	1.6	35	1.6	52	1.6	941	49.167	GST09-3M □□□100C32	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: P_N=3.0 kW

60 Hz: P_N=3.6 kW

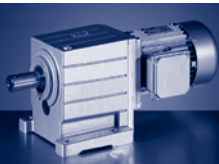
87 Hz: P_N=5.4 kW

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				
	29	1.7	35	1.7	51	1.7	962	49.500	GST11-2M □□□100C32	218
	29	2.9	35	2.9	51	2.9	957	50.000	GST11-3M □□□100C32	224
	27	1.4	33	1.4	48	1.4	1016	53.044	GST09-3M □□□100C32	224
	25	1.3	31	1.3	45	1.3	1093	56.250	GST09-2M □□□100C32	218
	25	1.7	31	1.7	45	1.7	1093	56.250	GST11-2M □□□100C32	218
	25	2.3	30	2.3	44	2.3	1110	57.968	GST11-3M □□□100C32	224
	24	1.4	29	1.4	42	1.4	1154	60.278	GST09-3M □□□100C32	224
	23	2.3	28	2.3	42	2.3	1173	61.250	GST11-3M □□□100C32	224
	20	1.1	24	1.1	35	1.1	1376	71.867	GST09-3M □□□100C32	224
	20	1.9	24	1.9	36	1.9	1360	71.011	GST11-3M □□□100C32	224
	18	1.0	21	1.0	31	1.0	1564	81.667	GST09-3M □□□100C32	224
	18	1.8	21	1.8	32	1.8	1545	80.694	GST11-3M □□□100C32	224
	16	1.6	20	1.6	29	1.6	1671	87.267	GST11-3M □□□100C32	224
	15	0.9	19	0.9	27	0.9	1791	93.541	GST09-3M □□□100C32	224
	15	3.0	19	3.0	27	3.0	1791	93.541	GST14-3M □□□100C32	224
	14	0.8	17	0.8	26	0.8	1899	99.167	GST09-3M □□□100C32	224
	14	1.5	17	1.5	26	1.5	1899	99.167	GST11-3M □□□100C32	224
	14	2.9	16	2.9	24	2.9	2035	106.296	GST14-3M □□□100C32	224
	13	1.3	15	1.3	23	1.3	2162	112.933	GST11-3M □□□100C32	224
	11	1.1	13	1.1	20	1.1	2471	129.074	GST11-3M □□□100C32	224
	11	2.4	13	2.4	20	2.4	2494	130.278	GST14-3M □□□100C32	224
	10	2.2	12	2.2	18	2.2	2665	139.211	GST14-3M □□□100C32	224
	9.7	1.0	12	1.0	17	1.0	2814	146.993	GST11-3M □□□100C32	224
	9	0.9	11	0.9	16	0.9	3029	158.194	GST11-3M □□□100C32	224
	9	2.0	11	2.0	16	2.0	3029	158.194	GST14-3M □□□100C32	224
	8.4	1.8	10	1.8	15	1.8	3276	171.111	GST14-3M □□□100C32	224
	7	1.5	8.5	1.5	12	1.5	3920	204.722	GST14-3M □□□100C32	224
	6	1.3	7.3	1.3	11	1.3	4530	236.622	GST14-3M □□□100C32	224
	5.8	1.2	7	1.2	10	1.2	4757	248.458	GST14-3M □□□100C32	224
	5.3	1.2	6.4	1.2	9.5	1.2	5148	268.889	GST14-3M □□□100C32	224
	4.4	1.0	5.3	1.0	7.8	1.0	6248	326.333	GST14-3M □□□100C32	224
	3.9	0.8	4.8	0.8	7	0.8	6950	363.000	GST14-3M □□□100C32	224



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						
	1775	1.7	2150	1.6			21	1.600	GST05-1M □□□100C41	212
	1775	2.3	2150	2.2			21	1.600	GST06-1M □□□100C41	212
	1387	1.6	1680	1.5			27	2.048	GST05-1M □□□100C41	212
	1387	2.2	1680	2.0			27	2.048	GST06-1M □□□100C41	212
	1268	1.4	1536	1.4			30	2.240	GST05-1M □□□100C41	212
	1268	2.1	1536	2.0			30	2.240	GST06-1M □□□100C41	212
	994	1.1	1204	1.1			38	2.857	GST05-1M □□□100C41	212
	994	2.0	1204	1.9			38	2.857	GST06-1M □□□100C41	212
	961	1.3	1164	1.2			39	2.956	GST05-2M □□□100C41	218
	852	1.5	1032	1.4			44	3.333	GST05-2M □□□100C41	218
	852	3.2	1032	3.0			44	3.333	GST06-2M □□□100C41	218
	811	0.9	983	0.9			46	3.500	GST05-1M □□□100C41	212
	811	1.8	983	1.7			46	3.500	GST06-1M □□□100C41	212
	811	3.0	983	2.8			46	3.500	GST07-1M □□□100C41	212
	701	1.2	849	1.2			53	4.053	GST05-2M □□□100C41	218
	683	2.9	827	2.7			54	4.160	GST06-2M □□□100C41	218
	623	1.4	755	1.3			60	4.556	GST06-1M □□□100C41	212
	623	2.5	755	2.3			60	4.556	GST07-1M □□□100C41	212
	621	1.2	753	1.2			60	4.571	GST05-2M □□□100C41	218
	621	2.7	753	2.5			60	4.571	GST06-2M □□□100C41	218
	548	1.1	663	1.0			68	5.187	GST05-2M □□□100C41	218
	534	2.4	646	2.3			70	5.324	GST06-2M □□□100C41	218
	509	2.1	616	2.0			74	5.583	GST07-1M □□□100C41	212
	501	1.1	607	1.1			75	5.667	GST06-1M □□□100C41	212
	501	3.0	607	2.8			75	5.667	GST09-1M □□□100C41	212
	485	1.1	588	1.0			76	5.850	GST05-2M □□□100C41	218
	485	2.4	588	2.2			76	5.850	GST06-2M □□□100C41	218
	444	1.0	538	1.0			84	6.400	GST05-2M □□□100C41	218
	444	2.2	538	2.1			84	6.400	GST06-2M □□□100C41	218
	403	2.1	489	2.0			92	7.040	GST06-2M □□□100C41	218
	392	0.9	475	0.9			95	7.238	GST05-2M □□□100C41	218
	387	1.6	469	1.5			97	7.333	GST07-1M □□□100C41	212
	387	2.4	469	2.3			97	7.333	GST09-1M □□□100C41	212
	348	0.9	421	0.8			107	8.163	GST05-2M □□□100C41	218
	348	1.9	421	1.8			107	8.163	GST06-2M □□□100C41	218
	319	1.3	387	1.2			118	8.900	GST07-1M □□□100C41	212
	319	2.0	387	1.9			118	8.900	GST09-1M □□□100C41	212
	315	0.8					118	9.010	GST05-2M □□□100C41	218
	315	1.8	382	1.7			118	9.010	GST06-2M □□□100C41	218
	284	1.7	344	1.6			131	10.000	GST06-2M □□□100C41	218
	254	1.6	307	1.5			146	11.200	GST06-2M □□□100C41	218



GST

GST [Nm] - MD□MA (IE1)

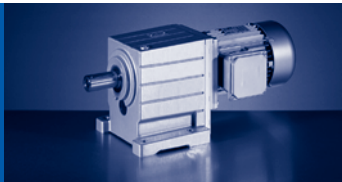
50 Hz: P_N=4.0 kW
60 Hz: P_N=4.8 kW

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						
	252	1.6	306	1.5			149	11.250	GST09-1M □□□100C41	212
	226	1.5	274	1.4			164	12.571	GST06-2M □□□100C41	218
	226	3.0	274	2.8			164	12.571	GST07-2M □□□100C41	218
	199	1.3	241	1.3			186	14.286	GST06-2M □□□100C41	218
	199	2.8	241	2.6			186	14.286	GST07-2M □□□100C41	218
	184	1.5	223	1.4			201	15.400	GST06-2M □□□100C41	218
	184	2.9	223	2.8			201	15.400	GST07-2M □□□100C41	218
	162	1.3	197	1.2			228	17.500	GST06-2M □□□100C41	218
	162	2.7	197	2.6			228	17.500	GST07-2M □□□100C41	218
	142	1.2	172	1.2			262	20.044	GST06-2M □□□100C41	218
	142	2.4	172	2.3			262	20.044	GST07-2M □□□100C41	218
	125	1.0	151	0.9			297	22.778	GST06-2M □□□100C41	218
	125	2.1	151	2.0			297	22.778	GST07-2M □□□100C41	218
	116	2.0	140	1.9			321	24.567	GST07-2M □□□100C41	218
	114	1.0	138	1.0			325	24.933	GST06-2M □□□100C41	218
	102	1.7	123	1.6			364	27.917	GST07-2M □□□100C41	218
	88	1.5	107	1.4			421	32.267	GST07-2M □□□100C41	218
	88	2.8	107	2.6			421	32.267	GST09-2M □□□100C41	218
	78	1.4	94	1.3			479	36.667	GST07-2M □□□100C41	218
	78	2.8	94	2.6			479	36.667	GST09-2M □□□100C41	218
	73	1.3	88	1.2			511	39.160	GST07-2M □□□100C41	218
	73	2.3	88	2.2			511	39.160	GST09-2M □□□100C41	218
	73	2.9	88	2.7			511	39.160	GST11-2M □□□100C41	218
	72	1.3	88	1.2			504	39.200	GST07-3M □□□100C41	224
	71	2.4	86	2.2			516	40.136	GST09-3M □□□100C41	224
	66	2.3	80	2.2			556	43.267	GST09-3M □□□100C41	224
	65	1.3	78	1.2			566	44.000	GST07-3M □□□100C41	224
	64	1.2	77	1.2			581	44.500	GST07-2M □□□100C41	218
	64	2.5	77	2.4			581	44.500	GST09-2M □□□100C41	218
	64	3.1	77	3.0			581	44.500	GST11-2M □□□100C41	218
	58	2.3	70	2.2			632	49.167	GST09-3M □□□100C41	224
	57	2.0	70	1.9			646	49.500	GST09-2M □□□100C41	218
	57	2.5	70	2.4			646	49.500	GST11-2M □□□100C41	218
	56	1.1	67	1.0			656	51.022	GST07-3M □□□100C41	224
	54	2.0	65	1.9			682	53.044	GST09-3M □□□100C41	224
	53	1.0	64	1.0			693	53.900	GST07-3M □□□100C41	224
	51	2.0	61	1.9			734	56.250	GST09-2M □□□100C41	218
	51	2.5	61	2.4			734	56.250	GST11-2M □□□100C41	218
	47	2.0	57	1.9			775	60.278	GST09-3M □□□100C41	224
	40	1.6	48	1.5			924	71.867	GST09-3M □□□100C41	224
	40	2.9	48	2.8			913	71.011	GST11-3M □□□100C41	224



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						
	35	1.5	42	1.4			1050	81.667	GST09-3M □□□100C41	224
	35	2.7	43	2.6			1037	80.694	GST11-3M □□□100C41	224
	33	2.4	39	2.3			1122	87.267	GST11-3M □□□100C41	224
	30	1.3	37	1.3			1202	93.541	GST09-3M □□□100C41	224
	29	1.3	35	1.2			1275	99.167	GST09-3M □□□100C41	224
	29	2.2	35	2.1			1275	99.167	GST11-3M □□□100C41	224
	25	1.1	30	1.1			1460	113.585	GST09-3M □□□100C41	224
	25	1.9	31	1.8			1452	112.933	GST11-3M □□□100C41	224
	22	1.0	27	0.9			1659	129.074	GST09-3M □□□100C41	224
	22	1.7	27	1.6			1659	129.074	GST11-3M □□□100C41	224
	20	0.9	24	0.9			1816	141.289	GST09-3M □□□100C41	224
	20	3.2	25	3.1			1789	139.211	GST14-3M □□□100C41	224
	19	1.4	23	1.4			1889	146.993	GST11-3M □□□100C41	224
	18	1.4	22	1.3			2033	158.194	GST11-3M □□□100C41	224
	18	2.9	22	2.8			2033	158.194	GST14-3M □□□100C41	224
	17	2.7	20	2.6			2199	171.111	GST14-3M □□□100C41	224
	16	1.2	19	1.1			2316	180.156	GST11-3M □□□100C41	224
	14	1.1	17	1.0			2671	207.778	GST11-3M □□□100C41	224
	14	2.3	17	2.2			2631	204.722	GST14-3M □□□100C41	224
	12	0.9	15	0.9			3041	236.622	GST11-3M □□□100C41	224
	12	1.9	15	1.8			3041	236.622	GST14-3M □□□100C41	224
	11	0.8					3456	268.889	GST11-3M □□□100C41	224
	11	0.9	14	0.8			3241	252.167	GST11-3M □□□100C41	224
	11	1.7	13	1.6			3456	268.889	GST14-3M □□□100C41	224
	11	1.9	14	1.8			3194	248.458	GST14-3M □□□100C41	224
	8.7	1.4	11	1.4			4195	326.333	GST14-3M □□□100C41	224
	7.8	1.2	9.5	1.2			4666	363.000	GST14-3M □□□100C41	224
	6.9	1.1	8.3	1.1			5302	412.500	GST14-3M □□□100C41	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: P_N=4.0 kW

60 Hz: P_N=4.8 kW

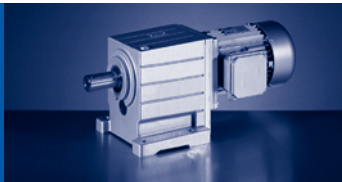
87 Hz: P_N=7.1 kW

n _N	1450 r/min		1750 r/min		2560 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	4.0 kW		4.8 kW		7.1 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	906	1.5	1094	1.4	1600	1.2	42	1.600	GST06-1M □□□112C22	212
	892	2.5	1077	2.4	1575	2.1	42	1.625	GST07-1M □□□112C22	212
	725	2.4	875	2.3	1280	2.0	52	2.000	GST07-1M □□□112C22	212
	708	1.4	855	1.3	1250	1.1	53	2.048	GST06-1M □□□112C22	212
	647	1.4	781	1.3	1143	1.1	58	2.240	GST06-1M □□□112C22	212
	647	2.3	781	2.2	1143	1.9	58	2.240	GST07-1M □□□112C22	212
	508	1.3	613	1.2	896	1.0	74	2.857	GST06-1M □□□112C22	212
	508	2.1	613	2.0	896	1.8	74	2.857	GST07-1M □□□112C22	212
	478	2.2	577	2.0	844	1.8	78	3.033	GST06-2M □□□112C22	218
	435	2.0	525	1.9	768	1.7	85	3.333	GST06-2M □□□112C22	218
	414	1.2	500	1.1	731	1.0	91	3.500	GST06-1M □□□112C22	212
	414	1.9	500	1.8	731	1.6	91	3.500	GST07-1M □□□112C22	212
	349	1.8	421	1.7	615	1.5	106	4.160	GST06-2M □□□112C22	218
	318	1.6	384	1.5	562	1.3	118	4.556	GST07-1M □□□112C22	212
	317	1.7	383	1.6	560	1.4	117	4.571	GST06-2M □□□112C22	218
	311	2.6	375	2.4	549	2.1	121	4.667	GST09-1M □□□112C22	212
	279	3.2	337	3.1	492	2.7	133	5.200	GST07-2M □□□112C22	218
	272	1.5	329	1.5	481	1.3	136	5.324	GST06-2M □□□112C22	218
	260	1.4	313	1.3	459	1.1	145	5.583	GST07-1M □□□112C22	212
	256	2.2	309	2.1	452	1.8	147	5.667	GST09-1M □□□112C22	212
	254	3.1	306	2.9	448	2.6	146	5.714	GST07-2M □□□112C22	218
	248	1.5	299	1.4	438	1.2	150	5.850	GST06-2M □□□112C22	218
	227	1.4	273	1.3	400	1.2	164	6.400	GST06-2M □□□112C22	218
	227	2.8	273	2.7	400	2.4	164	6.400	GST07-2M □□□112C22	218
	206	1.3	249	1.3	364	1.1	180	7.040	GST06-2M □□□112C22	218
	203	2.7	245	2.5	358	2.2	183	7.150	GST07-2M □□□112C22	218
	198	1.8	239	1.7	349	1.5	190	7.333	GST09-1M □□□112C22	212
	179	2.6	215	2.5	315	2.2	208	8.125	GST07-2M □□□112C22	218
	178	1.2	214	1.2	314	1.0	209	8.163	GST06-2M □□□112C22	218
	165	2.3	199	2.2	291	2.0	225	8.800	GST07-2M □□□112C22	218
	163	1.5	197	1.4	288	1.2	231	8.900	GST09-1M □□□112C22	212
	161	1.1	194	1.1	284	1.0	230	9.010	GST06-2M □□□112C22	218
	147	2.2	178	2.1	260	1.8	252	9.856	GST07-2M □□□112C22	218
	145	1.1	175	1.0	256	0.9	256	10.000	GST06-2M □□□112C22	218
	130	1.0	156	0.9	229	0.8	286	11.200	GST06-2M □□□112C22	218
	130	2.1	156	2.0	229	1.8	286	11.200	GST07-2M □□□112C22	218
	115	0.9	139	0.9			321	12.571	GST06-2M □□□112C22	218
	115	1.9	139	1.8	204	1.6	321	12.571	GST07-2M □□□112C22	218
	102	0.8					365	14.286	GST06-2M □□□112C22	218
	102	1.8	123	1.7	179	1.5	365	14.286	GST07-2M □□□112C22	218
	94	0.8	114	0.8			394	15.400	GST06-2M □□□112C22	218



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				
	94	1.6	114	1.6	166	1.6	394	15.400	GST07-2M □□□112C22	218
	84	3.1	102	3.1	149	3.0	440	17.222	GST09-2M □□□112C22	218
	83	1.5	100	1.5	146	1.4	447	17.500	GST07-2M □□□112C22	218
	72	1.4	87	1.4	128	1.3	512	20.044	GST07-2M □□□112C22	218
	72	3.2	86	3.2	126	3.1	519	20.289	GST11-2M □□□112C22	218
	71	2.6	85	2.6	125	2.4	525	20.533	GST09-2M □□□112C22	218
	64	1.2	77	1.2	112	1.1	582	22.778	GST07-2M □□□112C22	218
	63	3.2	76	3.2	111	3.1	589	23.056	GST11-2M □□□112C22	218
	62	2.5	75	2.5	110	2.4	596	23.333	GST09-2M □□□112C22	218
	59	1.1	71	1.1	104	1.1	628	24.567	GST07-2M □□□112C22	218
	58	2.2	70	2.2	103	2.1	637	24.933	GST09-2M □□□112C22	218
	58	2.7	70	2.7	103	2.6	637	24.933	GST11-2M □□□112C22	218
	52	1.0	63	1.0	92	0.9	714	27.917	GST07-2M □□□112C22	218
	51	2.1	62	2.1	90	2.0	724	28.333	GST09-2M □□□112C22	218
	51	2.7	62	2.7	90	2.6	724	28.333	GST11-2M □□□112C22	218
	45	1.7	54	1.7	79	1.6	825	32.267	GST09-2M □□□112C22	218
	45	2.2	54	2.2	79	2.1	825	32.267	GST11-2M □□□112C22	218
	45	2.7	54	2.7	79	2.6	825	32.267	GST14-2M □□□112C22	218
	40	1.6	48	1.6	70	1.6	937	36.667	GST09-2M □□□112C22	218
	40	2.2	48	2.2	70	2.1	937	36.667	GST11-2M □□□112C22	218
	40	2.7	48	2.7	70	2.6	937	36.667	GST14-2M □□□112C22	218
	37	1.5	45	1.5	65	1.4	1001	39.160	GST09-2M □□□112C22	218
	37	1.8	45	1.8	65	1.7	1001	39.160	GST11-2M □□□112C22	218
	37	2.3	45	2.3	65	2.2	1001	39.160	GST14-2M □□□112C22	218
	36	1.3	44	1.3	64	1.3	1010	40.136	GST09-3M □□□112C22	224
	36	2.5	43	2.5	63	2.4	1028	40.816	GST11-3M □□□112C22	224
	34	1.2	40	1.2	59	1.2	1089	43.267	GST09-3M □□□112C22	224
	33	1.4	39	1.4	58	1.4	1137	44.500	GST09-2M □□□112C22	218
	33	1.8	39	1.8	58	1.8	1137	44.500	GST11-2M □□□112C22	218
	33	2.2	40	2.2	58	2.2	1108	44.000	GST11-3M □□□112C22	224
	33	2.3	39	2.3	58	2.3	1137	44.500	GST14-2M □□□112C22	218
	30	1.2	36	1.2	52	1.2	1238	49.167	GST09-3M □□□112C22	224
	29	1.5	35	1.5	52	1.5	1265	49.500	GST11-2M □□□112C22	218
	29	1.8	35	1.8	52	1.8	1265	49.500	GST14-2M □□□112C22	218
	29	2.2	35	2.2	51	2.2	1259	50.000	GST11-3M □□□112C22	224
	27	1.0	33	1.0	48	1.0	1335	53.044	GST09-3M □□□112C22	224
	26	1.5	31	1.5	46	1.5	1438	56.250	GST11-2M □□□112C22	218
	26	1.8	31	1.8	46	1.8	1438	56.250	GST14-2M □□□112C22	218
	25	1.8	30	1.8	44	1.8	1459	57.968	GST11-3M □□□112C22	224
	24	1.0	29	1.0	43	1.0	1518	60.278	GST09-3M □□□112C22	224
	24	1.8	29	1.8	42	1.8	1542	61.250	GST11-3M □□□112C22	224



GST

GST [Nm] - MD□MA (IE1)

50 Hz: P_N=4.0 kW

60 Hz: P_N=4.8 kW

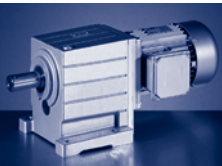
87 Hz: P_N=7.1 kW

n _N	1450 r/min		1750 r/min		2560 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	4.0 kW		4.8 kW		7.1 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	21	2.8	25	2.8	37	2.8	1738	69.042	GST14-3M □□□112C22	224
	20	0.8	24	0.8	36	0.8	1809	71.867	GST09-3M □□□112C22	224
	20	1.5	25	1.5	36	1.5	1788	71.011	GST11-3M □□□112C22	224
	19	2.8	22	2.8	33	2.8	1975	78.457	GST14-3M □□□112C22	224
	18	1.4	22	1.4	32	1.4	2032	80.694	GST11-3M □□□112C22	224
	17	1.2	20	1.2	29	1.2	2197	87.267	GST11-3M □□□112C22	224
	16	2.4	19	2.4	27	2.4	2355	93.541	GST14-3M □□□112C22	224
	15	1.1	18	1.1	26	1.1	2497	99.167	GST11-3M □□□112C22	224
	15	2.4	18	2.4	27	2.4	2421	96.157	GST14-3M □□□112C22	224
	14	2.2	17	2.2	24	2.2	2676	106.296	GST14-3M □□□112C22	224
	13	1.0	16	1.0	23	1.0	2843	112.933	GST11-3M □□□112C22	224
	11	0.9	14	0.9	20	0.9	3250	129.074	GST11-3M □□□112C22	224
	11	1.8	13	1.8	20	1.8	3280	130.278	GST14-3M □□□112C22	224
	10	1.6	13	1.6	18	1.6	3505	139.211	GST14-3M □□□112C22	224
	9.2	1.5	11	1.5	16	1.5	3983	158.194	GST14-3M □□□112C22	224
	8.5	1.4	10	1.4	15	1.4	4308	171.111	GST14-3M □□□112C22	224
	7.1	1.2	8.6	1.2	13	1.2	5154	204.722	GST14-3M □□□112C22	224
	6.1	1.0	7.4	1.0	11	1.0	5957	236.622	GST14-3M □□□112C22	224
	5.8	1.0	7	1.0	10	1.0	6255	248.458	GST14-3M □□□112C22	224
	5.4	0.9	6.5	0.9	9.5	0.9	6769	268.889	GST14-3M □□□112C22	224



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						
	1813	1.7	2188	1.6			29	1.600	GST06-1M □□□112C31	212
	1785	2.9	2154	2.8			29	1.625	GST07-1M □□□112C31	212
	1450	2.8	1750	2.6			36	2.000	GST07-1M □□□112C31	212
	1416	1.6	1709	1.5			37	2.048	GST06-1M □□□112C31	212
	1295	1.6	1563	1.5			40	2.240	GST06-1M □□□112C31	212
	1295	2.7	1563	2.5			40	2.240	GST07-1M □□□112C31	212
	1015	1.5	1225	1.4			51	2.857	GST06-1M □□□112C31	212
	1015	2.5	1225	2.4			51	2.857	GST07-1M □□□112C31	212
	956	2.5	1154	2.4			53	3.033	GST06-2M □□□112C31	218
	870	2.4	1050	2.2			59	3.333	GST06-2M □□□112C31	218
	829	1.4	1000	1.3			62	3.500	GST06-1M □□□112C31	212
	829	2.2	1000	2.1			62	3.500	GST07-1M □□□112C31	212
	697	2.1	841	2.0			73	4.160	GST06-2M □□□112C31	218
	637	1.8	768	1.7			81	4.556	GST07-1M □□□112C31	212
	634	2.0	766	1.9			80	4.571	GST06-2M □□□112C31	218
	621	3.0	750	2.8			83	4.667	GST09-1M □□□112C31	212
	545	1.8	657	1.7			94	5.324	GST06-2M □□□112C31	218
	519	1.6	627	1.5			100	5.583	GST07-1M □□□112C31	212
	512	2.6	618	2.4			101	5.667	GST09-1M □□□112C31	212
	496	1.7	598	1.6			103	5.850	GST06-2M □□□112C31	218
	453	1.6	547	1.5			113	6.400	GST06-2M □□□112C31	218
	412	1.5	497	1.4			124	7.040	GST06-2M □□□112C31	218
	406	3.1	490	2.9			126	7.150	GST07-2M □□□112C31	218
	396	2.0	477	1.9			131	7.333	GST09-1M □□□112C31	212
	357	3.0	431	2.9			143	8.125	GST07-2M □□□112C31	218
	355	1.4	429	1.3			143	8.163	GST06-2M □□□112C31	218
	330	2.7	398	2.6			155	8.800	GST07-2M □□□112C31	218
	326	1.7	393	1.6			159	8.900	GST09-1M □□□112C31	212
	322	1.3	389	1.2			158	9.010	GST06-2M □□□112C31	218
	294	2.6	355	2.4			173	9.856	GST07-2M □□□112C31	218
	290	1.2	350	1.2			176	10.000	GST06-2M □□□112C31	218
	259	1.1	313	1.1			197	11.200	GST06-2M □□□112C31	218
	259	2.4	313	2.3			197	11.200	GST07-2M □□□112C31	218
	231	1.1	278	1.0			221	12.571	GST06-2M □□□112C31	218
	231	2.2	278	2.1			221	12.571	GST07-2M □□□112C31	218
	203	1.0	245	0.9			251	14.286	GST06-2M □□□112C31	218
	203	2.1	245	1.9			251	14.286	GST07-2M □□□112C31	218
	188	1.1	227	1.0			271	15.400	GST06-2M □□□112C31	218
	188	2.2	227	2.0			271	15.400	GST07-2M □□□112C31	218
	166	0.9	200	0.9			308	17.500	GST06-2M □□□112C31	218
	166	2.0	200	1.9			308	17.500	GST07-2M □□□112C31	218

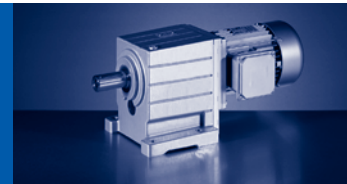


GST

GST [Nm] - MD□MA (IE1)

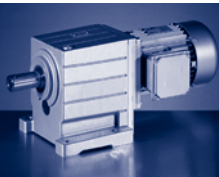
50 Hz: P_N=5.5 kW
60 Hz: P_N=6.6 kW

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						
	145	1.8	175	1.7			352	20.044	GST07-2M □□□112C31	218
	127	1.6	154	1.5			400	22.778	GST07-2M □□□112C31	218
	118	1.5	143	1.4			432	24.567	GST07-2M □□□112C31	218
	116	2.9	140	2.7			438	24.933	GST09-2M □□□112C31	218
	104	1.3	125	1.2			491	27.917	GST07-2M □□□112C31	218
	102	2.8	124	2.6			498	28.333	GST09-2M □□□112C31	218
	90	2.3	109	2.2			567	32.267	GST09-2M □□□112C31	218
	90	2.9	109	2.7			567	32.267	GST11-2M □□□112C31	218
	79	2.2	96	2.0			644	36.667	GST09-2M □□□112C31	218
	79	2.9	96	2.7			644	36.667	GST11-2M □□□112C31	218
	74	1.9	89	1.8			688	39.160	GST09-2M □□□112C31	218
	74	2.4	89	2.3			688	39.160	GST11-2M □□□112C31	218
	74	3.0	89	2.8			688	39.160	GST14-2M □□□112C31	218
	72	1.8	87	1.7			695	40.136	GST09-3M □□□112C31	224
	67	1.7	81	1.6			749	43.267	GST09-3M □□□112C31	224
	66	3.2	80	3.0			762	44.000	GST11-3M □□□112C31	224
	65	2.0	79	1.9			782	44.500	GST09-2M □□□112C31	218
	65	2.7	79	2.5			782	44.500	GST11-2M □□□112C31	218
	59	1.7	71	1.6			851	49.167	GST09-3M □□□112C31	224
	59	2.1	71	2.0			870	49.500	GST11-2M □□□112C31	218
	59	2.6	71	2.5			870	49.500	GST14-2M □□□112C31	218
	58	3.2	70	3.0			865	50.000	GST11-3M □□□112C31	224
	55	1.5	66	1.4			918	53.044	GST09-3M □□□112C31	224
	52	2.1	62	2.0			988	56.250	GST11-2M □□□112C31	218
	52	2.6	62	2.5			988	56.250	GST14-2M □□□112C31	218
	50	2.6	60	2.4			1003	57.968	GST11-3M □□□112C31	224
	48	1.5	58	1.4			1043	60.278	GST09-3M □□□112C31	224
	47	2.6	57	2.4			1060	61.250	GST11-3M □□□112C31	224
	41	2.2	49	2.0			1229	71.011	GST11-3M □□□112C31	224
	40	1.2	49	1.1			1244	71.867	GST09-3M □□□112C31	224
	36	1.1	43	1.1			1414	81.667	GST09-3M □□□112C31	224
	36	2.0	43	1.9			1397	80.694	GST11-3M □□□112C31	224
	33	1.8	40	1.7			1510	87.267	GST11-3M □□□112C31	224
	29	0.9	35	0.9			1716	99.167	GST09-3M □□□112C31	224
	29	1.6	35	1.6			1716	99.167	GST11-3M □□□112C31	224
	27	3.2	33	3.1			1840	106.296	GST14-3M □□□112C31	224
	26	1.4	31	1.3			1955	112.933	GST11-3M □□□112C31	224
	23	1.3	27	1.2			2234	129.074	GST11-3M □□□112C31	224
	22	2.6	27	2.5			2255	130.278	GST14-3M □□□112C31	224
	21	2.4	25	2.3			2410	139.211	GST14-3M □□□112C31	224
	20	1.1	24	1.0			2544	146.993	GST11-3M □□□112C31	224



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						
	18	1.0	22	1.0			2738	158.194	GST11-3M □□□112C31	224
	18	2.2	22	2.1			2738	158.194	GST14-3M □□□112C31	224
	17	2.0	21	1.9			2962	171.111	GST14-3M □□□112C31	224
	16	0.9	19	0.8			3118	180.156	GST11-3M □□□112C31	224
	14	1.7	17	1.6			3543	204.722	GST14-3M □□□112C31	224
	12	1.4	15	1.3			4095	236.622	GST14-3M □□□112C31	224
	12	1.4	14	1.3			4300	248.458	GST14-3M □□□112C31	224
	11	1.3	13	1.2			4654	268.889	GST14-3M □□□112C31	224
	8.9	1.1	11	1.0			5648	326.333	GST14-3M □□□112C31	224



GST

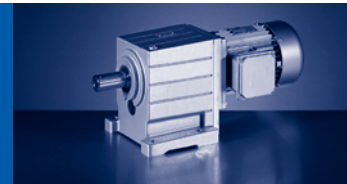
GST [Nm] - MD□MA (IE1)

50 Hz: $P_N=5.5$ kW

60 Hz: $P_N=6.6$ kW

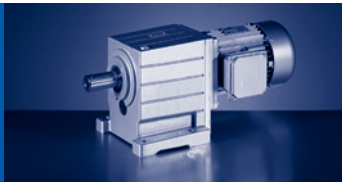
87 Hz: $P_N=9.7$ kW

n _N	1445 r/min		1745 r/min		2555 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	5.5 kW		6.6 kW		9.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	903	1.1	1091	1.0	1597	0.9	57	1.600	GST06-1M □□□112C32	212
	889	1.8	1074	1.7	1572	1.5	58	1.625	GST07-1M □□□112C32	212
	723	1.7	873	1.6	1278	1.5	72	2.000	GST07-1M □□□112C32	212
	706	1.0	852	0.9	1248	0.8	73	2.048	GST06-1M □□□112C32	212
	645	1.0	779	0.9	1141	0.8	80	2.240	GST06-1M □□□112C32	212
	645	1.7	779	1.6	1141	1.4	80	2.240	GST07-1M □□□112C32	212
	619	3.2	748	3.0	1095	2.6	84	2.333	GST09-1M □□□112C32	212
	514	2.8	621	2.6	909	2.3	101	2.810	GST09-1M □□□112C32	212
	506	0.9	611	0.9			102	2.857	GST06-1M □□□112C32	212
	506	1.6	611	1.5	894	1.3	102	2.857	GST07-1M □□□112C32	212
	476	1.6	575	1.5	842	1.3	107	3.033	GST06-2M □□□112C32	218
	474	3.0	573	2.9	838	2.5	108	3.048	GST07-2M □□□112C32	218
	434	1.5	524	1.4	767	1.2	118	3.333	GST06-2M □□□112C32	218
	431	3.0	521	2.9	763	2.5	118	3.350	GST07-2M □□□112C32	218
	420	2.4	507	2.3	742	2.0	123	3.444	GST09-1M □□□112C32	212
	413	0.8					125	3.500	GST06-1M □□□112C32	212
	413	1.4	499	1.3	730	1.2	125	3.500	GST07-1M □□□112C32	212
	347	1.3	420	1.2	614	1.1	147	4.160	GST06-2M □□□112C32	218
	342	2.7	413	2.5	605	2.2	149	4.225	GST07-2M □□□112C32	218
	317	1.1	383	1.1	561	1.0	163	4.556	GST07-1M □□□112C32	212
	316	1.2	382	1.2	559	1.0	161	4.571	GST06-2M □□□112C32	218
	311	2.5	376	2.4	550	2.1	164	4.643	GST07-2M □□□112C32	218
	310	1.9	374	1.8	548	1.6	167	4.667	GST09-1M □□□112C32	212
	278	2.3	336	2.2	491	2.0	183	5.200	GST07-2M □□□112C32	218
	271	1.1	328	1.1	480	0.9	188	5.324	GST06-2M □□□112C32	218
	259	1.0	313	0.9	458	0.8	200	5.583	GST07-1M □□□112C32	212
	255	1.6	308	1.5	451	1.3	203	5.667	GST09-1M □□□112C32	212
	253	2.2	305	2.1	447	1.9	202	5.714	GST07-2M □□□112C32	218
	247	1.1	298	1.0	437	0.9	206	5.850	GST06-2M □□□112C32	218
	226	1.0	273	1.0	399	0.9	226	6.400	GST06-2M □□□112C32	218
	226	2.1	273	2.0	399	1.7	226	6.400	GST07-2M □□□112C32	218
	217	3.2	262	3.0	383	2.6	235	6.667	GST09-2M □□□112C32	218
	205	1.0	248	0.9			248	7.040	GST06-2M □□□112C32	218
	202	1.9	244	1.8	357	1.6	252	7.150	GST07-2M □□□112C32	218
	198	2.8	239	2.6	350	2.3	258	7.305	GST09-2M □□□112C32	218
	197	1.3	238	1.2	348	1.1	263	7.333	GST09-1M □□□112C32	212
	180	2.8	217	2.6	318	2.3	283	8.027	GST09-2M □□□112C32	218
	178	1.9	215	1.8	315	1.6	287	8.125	GST07-2M □□□112C32	218
	177	0.9	214	0.8			288	8.163	GST06-2M □□□112C32	218
	164	1.7	198	1.6	290	1.4	310	8.800	GST07-2M □□□112C32	218
	162	1.1	196	1.0	287	0.9	319	8.900	GST09-1M □□□112C32	212



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				
	160	0.8					318	9.010	GST06-2M □□□112C32	218
	147	1.6	177	1.5	259	1.3	348	9.856	GST07-2M □□□112C32	218
	141	3.2	170	3.0	249	2.6	362	10.267	GST09-2M □□□112C32	218
	129	1.5	156	1.4	228	1.3	395	11.200	GST07-2M □□□112C32	218
	124	2.9	150	2.8	219	2.5	411	11.667	GST09-2M □□□112C32	218
	117	2.8	141	2.6	207	2.3	436	12.362	GST09-2M □□□112C32	218
	115	1.4	139	1.3	203	1.1	443	12.571	GST07-2M □□□112C32	218
	103	2.6	124	2.5	182	2.2	495	14.048	GST09-2M □□□112C32	218
	101	1.3	122	1.2	179	1.1	504	14.286	GST07-2M □□□112C32	218
	95	2.4	115	2.4	169	2.3	535	15.156	GST09-2M □□□112C32	218
	94	1.2	113	1.2	166	1.1	543	15.400	GST07-2M □□□112C32	218
	84	2.3	101	2.3	148	2.2	607	17.222	GST09-2M □□□112C32	218
	83	1.1	100	1.1	146	1.1	617	17.500	GST07-2M □□□112C32	218
	72	1.0	87	1.0	128	0.9	707	20.044	GST07-2M □□□112C32	218
	71	2.4	86	2.4	126	2.2	716	20.289	GST11-2M □□□112C32	218
	70	1.9	85	1.9	124	1.8	724	20.533	GST09-2M □□□112C32	218
	63	0.9	77	0.9	112	0.8	803	22.778	GST07-2M □□□112C32	218
	63	2.4	76	2.4	111	2.2	813	23.056	GST11-2M □□□112C32	218
	62	1.8	75	1.8	110	1.7	823	23.333	GST09-2M □□□112C32	218
	59	0.8	71	0.8			866	24.567	GST07-2M □□□112C32	218
	58	1.6	70	1.6	103	1.5	879	24.933	GST09-2M □□□112C32	218
	58	2.0	70	2.0	103	1.9	879	24.933	GST11-2M □□□112C32	218
	51	1.5	62	1.5	90	1.5	999	28.333	GST09-2M □□□112C32	218
	51	2.0	62	2.0	90	1.9	999	28.333	GST11-2M □□□112C32	218
	45	1.3	54	1.3	79	1.2	1138	32.267	GST09-2M □□□112C32	218
	45	1.6	54	1.6	79	1.5	1138	32.267	GST11-2M □□□112C32	218
	45	2.0	54	2.0	79	1.9	1138	32.267	GST14-2M □□□112C32	218
	39	1.2	48	1.2	70	1.1	1293	36.667	GST09-2M □□□112C32	218
	39	1.6	48	1.6	70	1.5	1293	36.667	GST11-2M □□□112C32	218
	39	2.0	48	2.0	70	1.9	1293	36.667	GST14-2M □□□112C32	218
	37	1.1	45	1.1	65	1.0	1381	39.160	GST09-2M □□□112C32	218
	37	1.3	45	1.3	65	1.3	1381	39.160	GST11-2M □□□112C32	218
	37	1.6	45	1.6	65	1.6	1381	39.160	GST14-2M □□□112C32	218
	36	1.0	44	1.0	64	0.9	1394	40.136	GST09-3M □□□112C32	224
	36	3.2	43	3.2	64	3.0	1396	40.185	GST14-3M □□□112C32	224
	35	1.8	43	1.8	63	1.7	1418	40.816	GST11-3M □□□112C32	224
	34	2.8	41	2.8	60	2.8	1479	42.580	GST14-3M □□□112C32	224
	33	0.9	40	0.9	59	0.9	1503	43.267	GST09-3M □□□112C32	224
	33	1.0	39	1.0	57	1.0	1569	44.500	GST09-2M □□□112C32	218
	33	1.3	39	1.3	57	1.3	1569	44.500	GST11-2M □□□112C32	218
	33	1.6	39	1.6	57	1.6	1569	44.500	GST14-2M □□□112C32	218



GST

GST [Nm] - MD□MA (IE1)

50 Hz: P_N=5.5 kW

60 Hz: P_N=6.6 kW

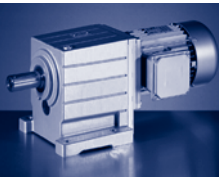
87 Hz: P_N=9.7 kW

n _N	1445 r/min		1745 r/min		2555 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	5.5 kW		6.6 kW		9.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	33	1.6	40	1.6	58	1.6	1528	44.000	GST11-3M □□□112C32	224
	30	2.8	36	2.8	53	2.8	1681	48.386	GST14-3M □□□112C32	224
	29	0.9	36	0.9	52	0.9	1708	49.167	GST09-3M □□□112C32	224
	29	1.1	35	1.1	52	1.1	1746	49.500	GST11-2M □□□112C32	218
	29	1.3	35	1.3	52	1.3	1746	49.500	GST14-2M □□□112C32	218
	29	1.6	35	1.6	51	1.6	1737	50.000	GST11-3M □□□112C32	224
	27	2.6	33	2.6	48	2.6	1846	53.148	GST14-3M □□□112C32	224
	26	1.1	31	1.1	45	1.1	1984	56.250	GST11-2M □□□112C32	218
	26	1.3	31	1.3	45	1.3	1984	56.250	GST14-2M □□□112C32	218
	25	1.3	30	1.3	44	1.3	2014	57.968	GST11-3M □□□112C32	224
	24	1.3	29	1.3	42	1.3	2128	61.250	GST11-3M □□□112C32	224
	24	2.4	29	2.4	43	2.4	2061	59.321	GST14-3M □□□112C32	224
	21	2.1	25	2.1	37	2.1	2398	69.042	GST14-3M □□□112C32	224
	20	1.1	25	1.1	36	1.1	2467	71.011	GST11-3M □□□112C32	224
	18	1.0	22	1.0	32	1.0	2803	80.694	GST11-3M □□□112C32	224
	18	2.1	22	2.1	33	2.1	2725	78.457	GST14-3M □□□112C32	224
	17	0.9	20	0.9	29	0.9	3031	87.267	GST11-3M □□□112C32	224
	15	0.8	18	0.8	26	0.8	3445	99.167	GST11-3M □□□112C32	224
	15	1.7	19	1.7	27	1.7	3249	93.541	GST14-3M □□□112C32	224
	15	1.8	18	1.8	27	1.8	3340	96.157	GST14-3M □□□112C32	224
	14	1.6	16	1.6	24	1.6	3692	106.296	GST14-3M □□□112C32	224
	11	1.3	13	1.3	20	1.3	4525	130.278	GST14-3M □□□112C32	224
	10	1.2	13	1.2	18	1.2	4836	139.211	GST14-3M □□□112C32	224
	9.1	1.1	11	1.1	16	1.1	5495	158.194	GST14-3M □□□112C32	224
	8.4	1.0	10	1.0	15	1.0	5944	171.111	GST14-3M □□□112C32	224
	7.1	0.8	8.5	0.8	13	0.8	7111	204.722	GST14-3M □□□112C32	224



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						
	1806	1.3	2181	1.2			39	1.600	GST06-1M □□□112C41	212
	1779	2.2	2148	2.0			40	1.625	GST07-1M □□□112C41	212
	1445	2.0	1745	1.9			49	2.000	GST07-1M □□□112C41	212
	1411	1.2	1704	1.1			50	2.048	GST06-1M □□□112C41	212
	1290	1.2	1558	1.1			55	2.240	GST06-1M □□□112C41	212
	1290	2.0	1558	1.9			55	2.240	GST07-1M □□□112C41	212
	1029	3.3	1242	3.1			69	2.810	GST09-1M □□□112C41	212
	1012	1.1	1222	1.0			70	2.857	GST06-1M □□□112C41	212
	1012	1.8	1222	1.7			70	2.857	GST07-1M □□□112C41	212
	953	1.8	1151	1.7			73	3.033	GST06-2M □□□112C41	218
	867	1.7	1047	1.6			80	3.333	GST06-2M □□□112C41	218
	839	2.8	1013	2.6			84	3.444	GST09-1M □□□112C41	212
	826	1.0	997	0.9			85	3.500	GST06-1M □□□112C41	212
	826	1.6	997	1.5			85	3.500	GST07-1M □□□112C41	212
	695	1.5	839	1.4			100	4.160	GST06-2M □□□112C41	218
	684	3.2	826	3.0			102	4.225	GST07-2M □□□112C41	218
	634	1.3	766	1.3			111	4.556	GST07-1M □□□112C41	212
	632	1.5	763	1.4			110	4.571	GST06-2M □□□112C41	218
	623	3.0	752	2.8			112	4.643	GST07-2M □□□112C41	218
	619	2.2	748	2.1			114	4.667	GST09-1M □□□112C41	212
	556	2.8	671	2.6			125	5.200	GST07-2M □□□112C41	218
	543	1.3	656	1.2			128	5.324	GST06-2M □□□112C41	218
	518	1.2	625	1.1			136	5.583	GST07-1M □□□112C41	212
	510	1.9	616	1.8			138	5.667	GST09-1M □□□112C41	212
	506	2.6	611	2.5			137	5.714	GST07-2M □□□112C41	218
	494	1.3	597	1.2			141	5.850	GST06-2M □□□112C41	218
	452	1.2	545	1.1			154	6.400	GST06-2M □□□112C41	218
	452	2.4	545	2.3			154	6.400	GST07-2M □□□112C41	218
	411	1.1	496	1.1			169	7.040	GST06-2M □□□112C41	218
	404	2.3	488	2.1			172	7.150	GST07-2M □□□112C41	218
	396	3.3	478	3.1			176	7.305	GST09-2M □□□112C41	218
	394	1.5	476	1.4			179	7.333	GST09-1M □□□112C41	212
	360	3.3	435	3.1			193	8.027	GST09-2M □□□112C41	218
	356	2.2	430	2.1			195	8.125	GST07-2M □□□112C41	218
	354	1.0	428	1.0			196	8.163	GST06-2M □□□112C41	218
	328	2.0	397	1.9			212	8.800	GST07-2M □□□112C41	218
	325	1.3	392	1.2			217	8.900	GST09-1M □□□112C41	212
	321	1.0	387	0.9			217	9.010	GST06-2M □□□112C41	218
	293	1.9	354	1.8			237	9.856	GST07-2M □□□112C41	218
	289	0.9	349	0.8			240	10.000	GST06-2M □□□112C41	218
	258	0.8					269	11.200	GST06-2M □□□112C41	218



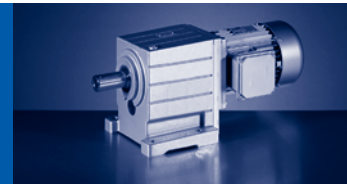
GST

GST [Nm] - MD□MA (IE1)

50 Hz: P_N=7.5 kW

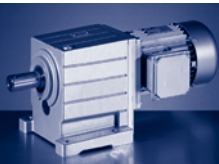
60 Hz: P_N=9.0 kW

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						
	258	1.8	312	1.7			269	11.200	GST07-2M □□□112C41	218
	234	3.3	282	3.1			297	12.362	GST09-2M □□□112C41	218
	230	1.6	278	1.5			302	12.571	GST07-2M □□□112C41	218
	206	3.1	248	2.9			338	14.048	GST09-2M □□□112C41	218
	202	1.5	244	1.4			344	14.286	GST07-2M □□□112C41	218
	191	3.2	230	3.0			364	15.156	GST09-2M □□□112C41	218
	188	1.6	227	1.5			370	15.400	GST07-2M □□□112C41	218
	168	3.0	203	2.8			414	17.222	GST09-2M □□□112C41	218
	165	1.5	199	1.4			421	17.500	GST07-2M □□□112C41	218
	144	1.3	174	1.2			482	20.044	GST07-2M □□□112C41	218
	142	3.2	172	3.0			488	20.289	GST11-2M □□□112C41	218
	141	2.5	170	2.3			494	20.533	GST09-2M □□□112C41	218
	127	1.1	153	1.1			548	22.778	GST07-2M □□□112C41	218
	125	3.2	151	3.0			554	23.056	GST11-2M □□□112C41	218
	124	2.5	150	2.3			561	23.333	GST09-2M □□□112C41	218
	118	1.1	142	1.0			591	24.567	GST07-2M □□□112C41	218
	116	2.1	140	2.0			600	24.933	GST09-2M □□□112C41	218
	116	2.6	140	2.5			600	24.933	GST11-2M □□□112C41	218
	104	0.9	125	0.9			671	27.917	GST07-2M □□□112C41	218
	102	2.0	123	1.9			681	28.333	GST09-2M □□□112C41	218
	102	2.6	123	2.5			681	28.333	GST11-2M □□□112C41	218
	90	1.7	108	1.6			776	32.267	GST09-2M □□□112C41	218
	90	2.1	108	2.0			776	32.267	GST11-2M □□□112C41	218
	90	2.6	108	2.5			776	32.267	GST14-2M □□□112C41	218
	79	1.6	95	1.5			882	36.667	GST09-2M □□□112C41	218
	79	2.1	95	2.0			882	36.667	GST11-2M □□□112C41	218
	79	2.6	95	2.5			882	36.667	GST14-2M □□□112C41	218
	74	1.4	89	1.3			942	39.160	GST09-2M □□□112C41	218
	74	1.8	89	1.7			942	39.160	GST11-2M □□□112C41	218
	74	2.2	89	2.1			942	39.160	GST14-2M □□□112C41	218
	72	1.3	87	1.2			951	40.136	GST09-3M □□□112C41	224
	71	2.4	86	2.3			967	40.816	GST11-3M □□□112C41	224
	67	1.3	81	1.2			1025	43.267	GST09-3M □□□112C41	224
	66	2.3	79	2.2			1042	44.000	GST11-3M □□□112C41	224
	65	1.5	78	1.4			1070	44.500	GST09-2M □□□112C41	218
	65	1.9	78	1.8			1070	44.500	GST11-2M □□□112C41	218
	65	2.4	78	2.3			1070	44.500	GST14-2M □□□112C41	218
	59	1.3	71	1.2			1164	49.167	GST09-3M □□□112C41	224
	58	1.5	71	1.5			1190	49.500	GST11-2M □□□112C41	218
	58	1.9	71	1.8			1190	49.500	GST14-2M □□□112C41	218
	58	2.3	70	2.2			1184	50.000	GST11-3M □□□112C41	224



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						
	55	1.1	66	1.0			1256	53.044	GST09-3M □□□112C41	224
	51	1.5	62	1.5			1353	56.250	GST11-2M □□□112C41	218
	51	1.9	62	1.8			1353	56.250	GST14-2M □□□112C41	218
	50	1.9	60	1.8			1373	57.968	GST11-3M □□□112C41	224
	48	1.1	58	1.0			1428	60.278	GST09-3M □□□112C41	224
	47	1.9	57	1.8			1451	61.250	GST11-3M □□□112C41	224
	42	3.0	51	2.9			1635	69.042	GST14-3M □□□112C41	224
	41	1.6	49	1.5			1682	71.011	GST11-3M □□□112C41	224
	40	0.9	49	0.8			1702	71.867	GST09-3M □□□112C41	224
	37	3.0	45	2.9			1858	78.457	GST14-3M □□□112C41	224
	36	1.5	43	1.4			1911	80.694	GST11-3M □□□112C41	224
	35	0.8					1934	81.667	GST09-3M □□□112C41	224
	33	1.3	40	1.2			2067	87.267	GST11-3M □□□112C41	224
	31	2.5	37	2.4			2215	93.541	GST14-3M □□□112C41	224
	30	2.6	36	2.5			2277	96.157	GST14-3M □□□112C41	224
	29	1.2	35	1.1			2349	99.167	GST11-3M □□□112C41	224
	27	2.4	33	2.2			2518	106.296	GST14-3M □□□112C41	224
	26	1.0	31	1.0			2675	112.933	GST11-3M □□□112C41	224
	22	0.9	27	0.9			3057	129.074	GST11-3M □□□112C41	224
	22	1.9	27	1.8			3085	130.278	GST14-3M □□□112C41	224
	21	1.7	25	1.7			3297	139.211	GST14-3M □□□112C41	224
	18	1.6	22	1.5			3747	158.194	GST14-3M □□□112C41	224
	17	1.5	20	1.4			4053	171.111	GST14-3M □□□112C41	224
	14	1.2	17	1.2			4849	204.722	GST14-3M □□□112C41	224
	12	1.0	15	1.0			5604	236.622	GST14-3M □□□112C41	224
	12	1.0	14	1.0			5884	248.458	GST14-3M □□□112C41	224
	11	0.9	13	0.9			6368	268.889	GST14-3M □□□112C41	224



GST

GST [Nm] - MD□MA (IE1)

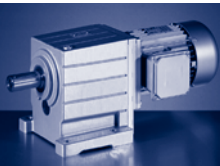
50 Hz: P_N=7.5 kW
60 Hz: P_N=9.0 kW
87 Hz: P_N=13.2 kW

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				
	895	1.4	1080	1.3	1579	1.1	79	1.625	GST07-1M □□□132C22	212
	728	1.3	878	1.2	1283	1.1	97	2.000	GST07-1M □□□132C22	212
	650	1.2	784	1.2	1145	1.0	109	2.240	GST07-1M □□□132C22	212
	518	3.1	625	2.9	913	2.6	136	2.810	GST09-1M □□□132C22	212
	509	1.1	614	1.1	898	1.0	139	2.857	GST07-1M □□□132C22	212
	477	2.4	576	2.3	842	2.0	146	3.048	GST07-2M □□□132C22	218
	434	2.3	524	2.2	766	1.9	160	3.350	GST07-2M □□□132C22	218
	422	2.7	510	2.5	745	2.2	167	3.444	GST09-1M □□□132C22	212
	416	1.0	501	1.0	733	0.9	170	3.500	GST07-1M □□□132C22	212
	344	2.0	415	1.9	607	1.7	202	4.225	GST07-2M □□□132C22	218
	313	1.9	378	1.8	553	1.6	222	4.643	GST07-2M □□□132C22	218
	312	1.7	376	1.6	550	1.4	226	4.667	GST09-1M □□□132C22	212
	280	1.7	338	1.6	493	1.4	248	5.200	GST07-2M □□□132C22	218
	257	1.7	310	1.6	453	1.4	275	5.667	GST09-1M □□□132C22	212
	255	1.6	307	1.6	449	1.4	273	5.714	GST07-2M □□□132C22	218
	227	1.5	274	1.4	401	1.3	306	6.400	GST07-2M □□□132C22	218
	204	1.4	246	1.4	359	1.2	342	7.150	GST07-2M □□□132C22	218
	199	3.2	240	3.0	351	2.7	349	7.305	GST09-2M □□□132C22	218
	181	3.0	219	2.8	320	2.5	383	8.027	GST09-2M □□□132C22	218
	179	1.4	216	1.3	316	1.2	388	8.125	GST07-2M □□□132C22	218
	165	1.3	199	1.2	292	1.1	420	8.800	GST07-2M □□□132C22	218
	162	2.6	195	2.5	285	2.2	430	9.010	GST09-2M □□□132C22	218
	148	1.2	178	1.1	260	1.0	471	9.856	GST07-2M □□□132C22	218
	142	2.4	171	2.3	250	2.0	490	10.267	GST09-2M □□□132C22	218
	130	1.1	157	1.1	229	0.9	535	11.200	GST07-2M □□□132C22	218
	125	2.2	150	2.1	220	1.8	557	11.667	GST09-2M □□□132C22	218
	118	2.1	142	2.0	208	1.8	590	12.362	GST09-2M □□□132C22	218
	116	1.0	140	1.0	204	0.8	600	12.571	GST07-2M □□□132C22	218
	104	1.9	125	1.8	183	1.6	671	14.048	GST09-2M □□□132C22	218
	102	0.9	123	0.9			682	14.286	GST07-2M □□□132C22	218
	96	1.9	116	1.9	169	1.8	724	15.156	GST09-2M □□□132C22	218
	95	0.9	114	0.9	167	0.8	736	15.400	GST07-2M □□□132C22	218
	85	1.7	102	1.7	149	1.6	823	17.222	GST09-2M □□□132C22	218
	83	0.8	100	0.8			836	17.500	GST07-2M □□□132C22	218
	72	2.8	87	2.8	126	2.7	969	20.289	GST11-2M □□□132C22	218
	71	1.5	86	1.5	125	1.4	981	20.533	GST09-2M □□□132C22	218
	63	2.7	76	2.7	111	2.5	1101	23.056	GST11-2M □□□132C22	218
	62	1.4	75	1.4	110	1.3	1114	23.333	GST09-2M □□□132C22	218
	58	1.3	70	1.3	103	1.3	1191	24.933	GST09-2M □□□132C22	218
	58	2.3	70	2.3	103	2.2	1191	24.933	GST11-2M □□□132C22	218
	51	1.1	62	1.1	91	1.1	1353	28.333	GST09-2M □□□132C22	218



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				
	51	2.2	62	2.2	91	2.1	1353	28.333	GST11-2M □□□132C22	218
	45	1.8	54	1.8	80	1.7	1541	32.267	GST11-2M □□□132C22	218
	45	3.1	54	3.1	80	2.9	1541	32.267	GST14-2M □□□132C22	218
	40	1.7	48	1.7	70	1.6	1751	36.667	GST11-2M □□□132C22	218
	40	3.1	48	3.1	70	2.9	1751	36.667	GST14-2M □□□132C22	218
	37	1.5	45	1.5	66	1.4	1870	39.160	GST11-2M □□□132C22	218
	37	2.6	45	2.6	66	2.4	1870	39.160	GST14-2M □□□132C22	218
	36	1.3	43	1.3	63	1.3	1920	40.816	GST11-3M □□□132C22	224
	36	2.4	44	2.4	64	2.3	1890	40.185	GST14-3M □□□132C22	224
	34	2.1	41	2.1	60	2.1	2003	42.580	GST14-3M □□□132C22	224
	33	1.2	40	1.2	58	1.2	2070	44.000	GST11-3M □□□132C22	224
	33	1.4	39	1.4	58	1.4	2125	44.500	GST11-2M □□□132C22	218
	33	2.6	39	2.6	58	2.6	2125	44.500	GST14-2M □□□132C22	218
	30	2.1	36	2.1	53	2.1	2276	48.386	GST14-3M □□□132C22	224
	29	1.2	35	1.2	51	1.2	2352	50.000	GST11-3M □□□132C22	224
	29	1.8	36	1.8	52	1.8	2364	49.500	GST14-2M □□□132C22	218
	27	1.9	33	1.9	48	1.9	2500	53.148	GST14-3M □□□132C22	224
	26	1.8	31	1.8	46	1.8	2686	56.250	GST14-2M □□□132C22	218
	25	0.9	30	0.9	44	0.9	2727	57.968	GST11-3M □□□132C22	224
	25	1.9	30	1.9	43	1.9	2791	59.321	GST14-3M □□□132C22	224
	24	1.0	29	1.0	42	1.0	2881	61.250	GST11-3M □□□132C22	224
	21	1.5	25	1.5	37	1.5	3248	69.042	GST14-3M □□□132C22	224
	19	1.5	22	1.5	33	1.5	3691	78.457	GST14-3M □□□132C22	224
	16	1.3	19	1.3	27	1.3	4400	93.541	GST14-3M □□□132C22	224
	15	1.3	18	1.3	27	1.3	4523	96.157	GST14-3M □□□132C22	224
	14	1.2	17	1.2	24	1.2	5000	106.296	GST14-3M □□□132C22	224
	11	0.9	13	0.9	18	0.9	6549	139.211	GST14-3M □□□132C22	224
	11	1.0	14	1.0	20	1.0	6128	130.278	GST14-3M □□□132C22	224

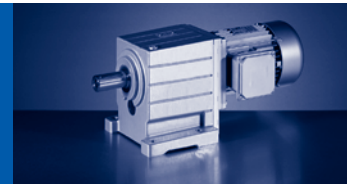


GST

GST [Nm] - MD□MA (IE1)

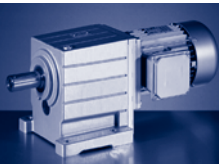
50 Hz: P_N=9.0 kW
60 Hz: P_N=11.0 kW

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						
	1779	1.8	2148	1.7			48	1.625	GST07-1M □□□132C21	212
	1445	1.7	1745	1.6			59	2.000	GST07-1M □□□132C21	212
	1290	1.7	1558	1.6			66	2.240	GST07-1M □□□132C21	212
	1012	1.5	1222	1.4			84	2.857	GST07-1M □□□132C21	212
	948	3.2	1145	3.0			88	3.048	GST07-2M □□□132C21	218
	863	3.1	1042	2.9			97	3.350	GST07-2M □□□132C21	218
	826	1.4	997	1.3			103	3.500	GST07-1M □□□132C21	212
	684	2.6	826	2.5			122	4.225	GST07-2M □□□132C21	218
	623	2.5	752	2.3			134	4.643	GST07-2M □□□132C21	218
	619	2.2	748	2.1			137	4.667	GST09-1M □□□132C21	212
	556	2.3	671	2.2			150	5.200	GST07-2M □□□132C21	218
	510	2.3	616	2.1			166	5.667	GST09-1M □□□132C21	212
	506	2.2	611	2.1			165	5.714	GST07-2M □□□132C21	218
	452	2.0	545	1.9			185	6.400	GST07-2M □□□132C21	218
	404	1.9	488	1.8			206	7.150	GST07-2M □□□132C21	218
	356	1.9	430	1.7			234	8.125	GST07-2M □□□132C21	218
	328	1.7	397	1.6			254	8.800	GST07-2M □□□132C21	218
	293	1.6	354	1.5			284	9.856	GST07-2M □□□132C21	218
	282	3.2	340	3.0			296	10.267	GST09-2M □□□132C21	218
	258	1.5	312	1.4			323	11.200	GST07-2M □□□132C21	218
	248	2.9	299	2.7			337	11.667	GST09-2M □□□132C21	218
	234	2.8	282	2.7			357	12.362	GST09-2M □□□132C21	218
	230	1.3	278	1.3			363	12.571	GST07-2M □□□132C21	218
	206	2.5	248	2.4			405	14.048	GST09-2M □□□132C21	218
	202	1.3	244	1.2			412	14.286	GST07-2M □□□132C21	218
	191	2.8	230	2.6			437	15.156	GST09-2M □□□132C21	218
	188	1.3	227	1.2			444	15.400	GST07-2M □□□132C21	218
	168	2.5	203	2.4			497	17.222	GST09-2M □□□132C21	218
	165	1.2	199	1.2			505	17.500	GST07-2M □□□132C21	218
	141	2.3	170	2.2			592	20.533	GST09-2M □□□132C21	218
	124	2.0	150	1.9			673	23.333	GST09-2M □□□132C21	218
	116	2.0	140	1.9			719	24.933	GST09-2M □□□132C21	218
	102	1.7	123	1.6			818	28.333	GST09-2M □□□132C21	218
	90	2.8	108	2.6			931	32.267	GST11-2M □□□132C21	218
	79	2.5	95	2.4			1058	36.667	GST11-2M □□□132C21	218
	74	2.3	89	2.1			1130	39.160	GST11-2M □□□132C21	218
	71	2.0	86	1.9			1160	40.816	GST11-3M □□□132C21	224
	66	1.9	79	1.8			1251	44.000	GST11-3M □□□132C21	224
	65	2.3	78	2.2			1284	44.500	GST11-2M □□□132C21	218
	58	1.9	70	1.8			1421	50.000	GST11-3M □□□132C21	224
	58	3.0	71	2.9			1428	49.500	GST14-2M □□□132C21	218



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						
	54	3.2	66	3.0			1511	53.148	GST14-3M □□□132C21	224
	51	3.0	62	2.9			1623	56.250	GST14-2M □□□132C21	218
	50	1.6	60	1.5			1648	57.968	GST11-3M □□□132C21	224
	49	3.1	59	3.0			1686	59.321	GST14-3M □□□132C21	224
	47	1.6	57	1.5			1741	61.250	GST11-3M □□□132C21	224
	42	2.5	51	2.4			1962	69.042	GST14-3M □□□132C21	224
	41	1.3	49	1.2			2018	71.011	GST11-3M □□□132C21	224
	37	2.5	45	2.4			2230	78.457	GST14-3M □□□132C21	224
	36	1.2	43	1.2			2293	80.694	GST11-3M □□□132C21	224
	33	1.1	40	1.0			2480	87.267	GST11-3M □□□132C21	224
	31	2.1	37	2.0			2658	93.541	GST14-3M □□□132C21	224
	30	2.2	36	2.1			2733	96.157	GST14-3M □□□132C21	224
	29	1.0	35	1.0			2818	99.167	GST11-3M □□□132C21	224
	27	2.0	33	1.9			3021	106.296	GST14-3M □□□132C21	224
	26	0.8					3210	112.933	GST11-3M □□□132C21	224
	22	1.6	27	1.5			3703	130.278	GST14-3M □□□132C21	224
	21	1.5	25	1.4			3956	139.211	GST14-3M □□□132C21	224
	18	1.3	22	1.3			4496	158.194	GST14-3M □□□132C21	224
	17	1.2	20	1.2			4863	171.111	GST14-3M □□□132C21	224



GST

GST [Nm] - MD□MA (IE1)

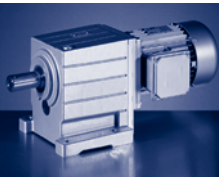
50 Hz: P_N=9.2 kW
60 Hz: P_N=11.0 kW
87 Hz: P_N=16.2 kW

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				
	930	3.0	1122	2.8	1641	2.5	93	1.560	GST09-1M □□□132C32	212
	892	1.1	1077	1.0	1575	0.9	97	1.625	GST07-1M □□□132C32	212
	725	1.0	875	1.0	1280	0.9	119	2.000	GST07-1M □□□132C32	212
	708	2.8	855	2.6	1250	2.3	122	2.048	GST09-1M □□□132C32	212
	647	1.0	781	1.0	1143	0.8	134	2.240	GST07-1M □□□132C32	212
	621	2.7	750	2.5	1097	2.2	139	2.333	GST09-1M □□□132C32	212
	516	2.5	623	2.4	911	2.1	168	2.810	GST09-1M □□□132C32	212
	508	0.9	613	0.9			171	2.857	GST07-1M □□□132C32	212
	476	2.0	574	1.9	840	1.6	179	3.048	GST07-2M □□□132C32	218
	433	1.9	522	1.8	764	1.6	197	3.350	GST07-2M □□□132C32	218
	421	2.2	508	2.1	743	1.8	206	3.444	GST09-1M □□□132C32	212
	414	0.8					209	3.500	GST07-1M □□□132C32	212
	343	1.6	414	1.5	606	1.3	248	4.225	GST07-2M □□□132C32	218
	312	1.5	377	1.4	551	1.3	273	4.643	GST07-2M □□□132C32	218
	311	1.4	375	1.3	549	1.1	279	4.667	GST09-1M □□□132C32	212
	279	1.4	337	1.3	492	1.2	306	5.200	GST07-2M □□□132C32	218
	272	3.2	329	3.0	481	2.7	313	5.324	GST09-2M □□□132C32	218
	256	1.4	309	1.3	452	1.2	338	5.667	GST09-1M □□□132C32	212
	254	1.3	306	1.3	448	1.1	336	5.714	GST07-2M □□□132C32	218
	248	3.0	299	2.8	438	2.5	344	5.850	GST09-2M □□□132C32	218
	227	1.2	273	1.2	400	1.0	376	6.400	GST07-2M □□□132C32	218
	218	2.7	263	2.6	384	2.3	392	6.667	GST09-2M □□□132C32	218
	203	1.2	245	1.1	358	1.0	420	7.150	GST07-2M □□□132C32	218
	199	2.6	240	2.4	351	2.2	429	7.305	GST09-2M □□□132C32	218
	181	2.4	218	2.3	319	2.0	472	8.027	GST09-2M □□□132C32	218
	179	1.1	215	1.1	315	0.9	478	8.125	GST07-2M □□□132C32	218
	165	1.0	199	1.0	291	0.9	517	8.800	GST07-2M □□□132C32	218
	161	2.1	194	2.0	284	1.8	530	9.010	GST09-2M □□□132C32	218
	147	1.0	178	0.9			579	9.856	GST07-2M □□□132C32	218
	141	2.0	171	1.9	249	1.6	604	10.267	GST09-2M □□□132C32	218
	130	0.9	156	0.9			658	11.200	GST07-2M □□□132C32	218
	124	1.8	150	1.7	219	1.5	686	11.667	GST09-2M □□□132C32	218
	117	1.7	142	1.6	207	1.4	727	12.362	GST09-2M □□□132C32	218
	115	0.8					739	12.571	GST07-2M □□□132C32	218
	103	1.6	125	1.5	182	1.3	826	14.048	GST09-2M □□□132C32	218
	102	3.1	123	2.9	179	2.6	840	14.286	GST11-2M □□□132C32	218
	96	1.5	116	1.5	169	1.4	891	15.156	GST09-2M □□□132C32	218
	94	3.0	114	3.0	166	2.8	905	15.400	GST11-2M □□□132C32	218
	84	1.4	102	1.4	149	1.3	1012	17.222	GST09-2M □□□132C32	218
	83	2.7	100	2.7	146	2.6	1029	17.500	GST11-2M □□□132C32	218
	72	2.3	86	2.3	126	2.2	1193	20.289	GST11-2M □□□132C32	218



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				
	71	1.2	85	1.2	125	1.2	1207	20.533	GST09-2M □□□132C32	218
	63	2.2	76	2.2	111	2.0	1355	23.056	GST11-2M □□□132C32	218
	62	1.1	75	1.1	110	1.1	1372	23.333	GST09-2M □□□132C32	218
	59	3.1	71	3.1	104	2.9	1444	24.567	GST14-2M □□□132C32	218
	58	1.1	70	1.1	103	1.0	1466	24.933	GST09-2M □□□132C32	218
	58	1.9	70	1.9	103	1.8	1466	24.933	GST11-2M □□□132C32	218
	52	3.1	63	3.1	92	2.9	1641	27.917	GST14-2M □□□132C32	218
	51	0.9	62	0.9	90	0.9	1666	28.333	GST09-2M □□□132C32	218
	51	1.8	62	1.8	90	1.7	1666	28.333	GST11-2M □□□132C32	218
	45	1.5	54	1.5	79	1.4	1897	32.267	GST11-2M □□□132C32	218
	45	2.5	54	2.5	79	2.4	1897	32.267	GST14-2M □□□132C32	218
	40	1.4	48	1.4	70	1.3	2155	36.667	GST11-2M □□□132C32	218
	40	2.5	48	2.5	70	2.4	2155	36.667	GST14-2M □□□132C32	218
	37	1.2	45	1.2	65	1.2	2302	39.160	GST11-2M □□□132C32	218
	37	2.1	45	2.1	65	2.0	2302	39.160	GST14-2M □□□132C32	218
	36	1.1	43	1.1	63	1.0	2363	40.816	GST11-3M □□□132C32	224
	36	1.9	44	1.9	64	1.8	2327	40.185	GST14-3M □□□132C32	224
	34	1.7	41	1.7	60	1.7	2466	42.580	GST14-3M □□□132C32	224
	33	1.0	40	1.0	58	1.0	2548	44.000	GST11-3M □□□132C32	224
	33	1.1	39	1.1	58	1.1	2616	44.500	GST11-2M □□□132C32	218
	33	2.1	39	2.1	58	2.1	2616	44.500	GST14-2M □□□132C32	218
	30	1.7	36	1.7	53	1.7	2802	48.386	GST14-3M □□□132C32	224
	29	0.9	35	0.9	51	0.9	2895	50.000	GST11-3M □□□132C32	224
	29	1.5	35	1.5	52	1.5	2910	49.500	GST14-2M □□□132C32	218
	27	1.6	33	1.6	48	1.6	3077	53.148	GST14-3M □□□132C32	224
	26	1.5	31	1.5	46	1.5	3307	56.250	GST14-2M □□□132C32	218
	24	1.5	30	1.5	43	1.5	3435	59.321	GST14-3M □□□132C32	224
	21	1.2	25	1.2	37	1.2	3998	69.042	GST14-3M □□□132C32	224
	19	1.2	22	1.2	33	1.2	4543	78.457	GST14-3M □□□132C32	224
	16	1.0	19	1.0	27	1.0	5416	93.541	GST14-3M □□□132C32	224
	15	1.1	18	1.1	27	1.1	5568	96.157	GST14-3M □□□132C32	224
	14	1.0	17	1.0	24	1.0	6155	106.296	GST14-3M □□□132C32	224



GST

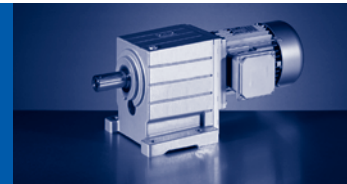
GST [Nm] - MD□MA (IE1)

50 Hz: P_N=11.0 kW

60 Hz: P_N=13.2 kW

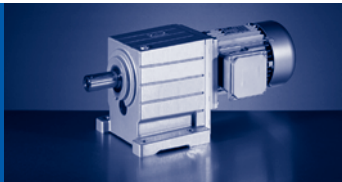
87 Hz: P_N=19.3 kW

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				
	936	2.5	1128	2.4	1647	2.1	111	1.560	GST09-1M □□□160C22	212
	899	0.9	1083	0.9			115	1.625	GST07-1M □□□160C22	212
	730	0.9	880	0.8			142	2.000	GST07-1M □□□160C22	212
	713	2.3	860	2.2	1255	2.0	145	2.048	GST09-1M □□□160C22	212
	652	0.9	786	0.8			159	2.240	GST07-1M □□□160C22	212
	626	2.2	754	2.1	1101	1.9	165	2.333	GST09-1M □□□160C22	212
	520	2.1	626	2.0	915	1.8	199	2.810	GST09-1M □□□160C22	212
	479	1.7	577	1.6	843	1.4	213	3.048	GST07-2M □□□160C22	218
	436	1.6	525	1.5	767	1.3	234	3.350	GST07-2M □□□160C22	218
	424	1.8	511	1.7	746	1.5	244	3.444	GST09-1M □□□160C22	212
	360	3.1	434	2.9	634	2.6	283	4.056	GST09-2M □□□160C22	218
	346	1.4	417	1.3	608	1.1	295	4.225	GST07-2M □□□160C22	218
	328	3.0	395	2.8	577	2.5	311	4.457	GST09-2M □□□160C22	218
	315	1.3	379	1.2	554	1.1	324	4.643	GST07-2M □□□160C22	218
	281	1.2	339	1.1	494	1.0	363	5.200	GST07-2M □□□160C22	218
	274	2.7	331	2.5	483	2.2	372	5.324	GST09-2M □□□160C22	218
	256	1.1	308	1.1	450	0.9	399	5.714	GST07-2M □□□160C22	218
	250	2.5	301	2.4	439	2.1	408	5.850	GST09-2M □□□160C22	218
	228	1.0	275	1.0	402	0.9	447	6.400	GST07-2M □□□160C22	218
	219	2.3	264	2.2	386	1.9	465	6.667	GST09-2M □□□160C22	218
	204	1.0	246	0.9	359	0.8	499	7.150	GST07-2M □□□160C22	218
	200	2.2	241	2.1	352	1.8	510	7.305	GST09-2M □□□160C22	218
	182	2.0	219	1.9	320	1.7	560	8.027	GST09-2M □□□160C22	218
	180	1.0	217	0.9			567	8.125	GST07-2M □□□160C22	218
	166	0.9	200	0.8			614	8.800	GST07-2M □□□160C22	218
	162	1.8	195	1.7	285	1.5	629	9.010	GST09-2M □□□160C22	218
	142	1.6	171	1.6	250	1.4	717	10.267	GST09-2M □□□160C22	218
	130	3.0	157	2.9	230	2.5	782	11.200	GST11-2M □□□160C22	218
	125	1.5	151	1.4	220	1.2	814	11.667	GST09-2M □□□160C22	218
	118	1.5	142	1.4	208	1.2	863	12.362	GST09-2M □□□160C22	218
	116	2.9	140	2.7	204	2.4	878	12.571	GST11-2M □□□160C22	218
	104	1.3	125	1.2	183	1.1	981	14.048	GST09-2M □□□160C22	218
	102	2.6	123	2.5	180	2.2	997	14.286	GST11-2M □□□160C22	218
	96	1.3	116	1.3	170	1.2	1058	15.156	GST09-2M □□□160C22	218
	95	2.5	114	2.5	167	2.4	1075	15.400	GST11-2M □□□160C22	218
	85	1.1	102	1.1	149	1.1	1202	17.222	GST09-2M □□□160C22	218
	83	2.3	101	2.3	147	2.1	1222	17.500	GST11-2M □□□160C22	218
	72	2.0	87	2.0	127	1.9	1416	20.289	GST11-2M □□□160C22	218
	64	3.2	77	3.2	113	3.0	1590	22.778	GST14-2M □□□160C22	218
	63	1.8	76	1.8	112	1.7	1609	23.056	GST11-2M □□□160C22	218
	59	1.6	71	1.6	103	1.5	1741	24.933	GST11-2M □□□160C22	218



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				
	59	3.1	72	3.1	105	2.9	1715	24.567	GST14-2M □□□160C22	218
	52	1.5	62	1.5	91	1.4	1978	28.333	GST11-2M □□□160C22	218
	52	2.8	63	2.8	92	2.6	1949	27.917	GST14-2M □□□160C22	218
	45	2.4	55	2.4	80	2.3	2252	32.267	GST14-2M □□□160C22	218
	40	2.3	48	2.3	70	2.1	2560	36.667	GST14-2M □□□160C22	218
	37	2.0	45	2.0	66	1.9	2734	39.160	GST14-2M □□□160C22	218
	36	1.6	44	1.6	64	1.5	2763	40.185	GST14-3M □□□160C22	224
	34	1.5	41	1.5	60	1.5	2928	42.580	GST14-3M □□□160C22	224
	33	1.9	40	1.9	58	1.9	3106	44.500	GST14-2M □□□160C22	218
	30	1.5	36	1.5	53	1.5	3327	48.386	GST14-3M □□□160C22	224
	28	1.3	33	1.3	48	1.3	3654	53.148	GST14-3M □□□160C22	224
	25	1.3	30	1.3	43	1.3	4079	59.321	GST14-3M □□□160C22	224
	21	1.0	26	1.0	37	1.0	4747	69.042	GST14-3M □□□160C22	224
	19	1.0	22	1.0	33	1.0	5395	78.457	GST14-3M □□□160C22	224
	15	0.9	18	0.9	27	0.9	6612	96.157	GST14-3M □□□160C22	224

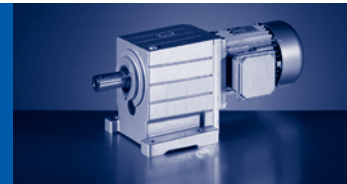


GST

GST [Nm] - MD□MA (IE1)

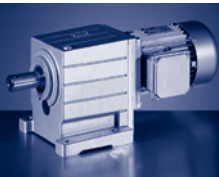
50 Hz: P_N=15.0 kW
 60 Hz: P_N=18.0 kW
 87 Hz: P_N=26.4 kW

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				
	936	1.8	1128	1.7	1647	1.5	151	1.560	GST09-1M □□□160C32	212
	713	1.7	860	1.6	1255	1.4	198	2.048	GST09-1M □□□160C32	212
	626	1.6	754	1.6	1101	1.4	226	2.333	GST09-1M □□□160C32	212
	520	1.5	626	1.5	915	1.3	272	2.810	GST09-1M □□□160C32	212
	479	1.2	577	1.2	843	1.0	290	3.048	GST07-2M □□□160C32	218
	436	1.2	525	1.1	767	1.0	319	3.350	GST07-2M □□□160C32	218
	424	1.3	511	1.3	746	1.1	333	3.444	GST09-1M □□□160C32	212
	360	2.3	434	2.2	634	1.9	386	4.056	GST09-2M □□□160C32	218
	346	1.0	417	0.9	608	0.8	402	4.225	GST07-2M □□□160C32	218
	328	2.2	395	2.1	577	1.8	424	4.457	GST09-2M □□□160C32	218
	315	0.9	379	0.9			442	4.643	GST07-2M □□□160C32	218
	281	0.9	339	0.8			495	5.200	GST07-2M □□□160C32	218
	274	2.0	331	1.9	483	1.6	507	5.324	GST09-2M □□□160C32	218
	274	3.2	331	3.0	483	2.6	507	5.324	GST11-2M □□□160C32	218
	256	0.8					544	5.714	GST07-2M □□□160C32	218
	250	1.8	301	1.7	439	1.5	557	5.850	GST09-2M □□□160C32	218
	250	3.2	301	3.0	439	2.7	557	5.850	GST11-2M □□□160C32	218
	228	3.0	275	2.8	402	2.5	609	6.400	GST11-2M □□□160C32	218
	219	1.7	264	1.6	386	1.4	635	6.667	GST09-2M □□□160C32	218
	213	3.2	256	3.0	374	2.6	653	6.864	GST11-2M □□□160C32	218
	200	1.6	241	1.5	352	1.3	695	7.305	GST09-2M □□□160C32	218
	187	2.9	226	2.7	330	2.4	743	7.800	GST11-2M □□□160C32	218
	182	1.5	219	1.4	320	1.2	764	8.027	GST09-2M □□□160C32	218
	162	1.3	195	1.3	285	1.1	858	9.010	GST09-2M □□□160C32	218
	162	2.6	195	2.5	285	2.2	858	9.010	GST11-2M □□□160C32	218
	148	2.5	179	2.4	261	2.1	938	9.856	GST11-2M □□□160C32	218
	142	1.2	171	1.1	250	1.0	977	10.267	GST09-2M □□□160C32	218
	130	2.2	157	2.1	230	1.9	1066	11.200	GST11-2M □□□160C32	218
	125	1.1	151	1.0	220	0.9	1111	11.667	GST09-2M □□□160C32	218
	118	1.1	142	1.0	208	0.9	1177	12.362	GST09-2M □□□160C32	218
	116	2.1	140	2.0	204	1.8	1197	12.571	GST11-2M □□□160C32	218
	104	1.0	125	0.9	183	0.8	1337	14.048	GST09-2M □□□160C32	218
	104	3.2	125	3.0	183	2.7	1337	14.048	GST14-2M □□□160C32	218
	102	1.9	123	1.8	180	1.6	1360	14.286	GST11-2M □□□160C32	218
	96	0.9	116	0.9	170	0.9	1443	15.156	GST09-2M □□□160C32	218
	96	3.1	116	3.1	170	2.9	1443	15.156	GST14-2M □□□160C32	218
	95	1.8	114	1.8	167	1.8	1466	15.400	GST11-2M □□□160C32	218
	85	0.8	102	0.8			1639	17.222	GST09-2M □□□160C32	218
	85	2.8	102	2.8	149	2.6	1639	17.222	GST14-2M □□□160C32	218
	83	1.7	101	1.7	147	1.6	1666	17.500	GST11-2M □□□160C32	218
	73	2.6	88	2.6	128	2.4	1908	20.044	GST14-2M □□□160C32	218



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				
	72	1.4	87	1.4	127	1.4	1931	20.289	GST11-2M □□□160C32	218
	64	2.3	77	2.3	113	2.2	2168	22.778	GST14-2M □□□160C32	218
	63	1.3	76	1.3	112	1.3	2195	23.056	GST11-2M □□□160C32	218
	59	1.2	71	1.2	103	1.1	2373	24.933	GST11-2M □□□160C32	218
	59	2.2	72	2.2	105	2.1	2339	24.567	GST14-2M □□□160C32	218
	52	1.1	62	1.1	91	1.0	2697	28.333	GST11-2M □□□160C32	218
	52	2.0	63	2.0	92	1.9	2657	27.917	GST14-2M □□□160C32	218
	45	1.8	55	1.8	80	1.7	3071	32.267	GST14-2M □□□160C32	218
	40	1.7	48	1.7	70	1.6	3490	36.667	GST14-2M □□□160C32	218
	37	1.5	45	1.5	66	1.4	3728	39.160	GST14-2M □□□160C32	218
	36	1.2	44	1.2	64	1.1	3768	40.185	GST14-3M □□□160C32	224
	34	1.1	41	1.1	60	1.1	3992	42.580	GST14-3M □□□160C32	224
	33	1.4	40	1.4	58	1.4	4236	44.500	GST14-2M □□□160C32	218
	30	1.1	36	1.1	53	1.1	4537	48.386	GST14-3M □□□160C32	224
	28	1.0	33	1.0	48	1.0	4983	53.148	GST14-3M □□□160C32	224
	25	1.0	30	1.0	43	1.0	5562	59.321	GST14-3M □□□160C32	224



GST

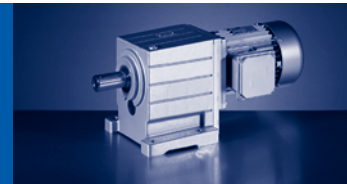
GST [Nm] - MD□MA (IE1)

50 Hz: P_N=18.5 kW

60 Hz: P_N=22.2 kW

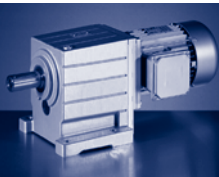
87 Hz: P_N=32.4 kW

n _N	1470 r/min		1770 r/min		2575 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	18.5 kW		22.2 kW		32.4 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	942	1.5	1135	1.4	1654	1.3	185	1.560	GST09-1M □□□180C12	212
	718	1.4	864	1.3	1260	1.2	242	2.048	GST09-1M □□□180C12	212
	630	1.3	759	1.3	1106	1.1	276	2.333	GST09-1M □□□180C12	212
	523	1.3	630	1.2	918	1.1	333	2.810	GST09-1M □□□180C12	212
	427	1.1	514	1.0	749	0.9	408	3.444	GST09-1M □□□180C12	212
	362	1.9	436	1.8	636	1.6	473	4.056	GST09-2M □□□180C12	218
	362	2.8	436	2.7	636	2.3	473	4.056	GST11-2M □□□180C12	218
	330	1.8	397	1.7	579	1.5	520	4.457	GST09-2M □□□180C12	218
	330	2.8	397	2.7	579	2.3	520	4.457	GST11-2M □□□180C12	218
	283	2.8	340	2.7	496	2.3	606	5.200	GST14-2M □□□180C12	218
	276	1.6	333	1.5	485	1.3	621	5.324	GST09-2M □□□180C12	218
	276	2.6	333	2.4	485	2.1	621	5.324	GST11-2M □□□180C12	218
	257	2.8	310	2.7	452	2.3	666	5.714	GST14-2M □□□180C12	218
	251	1.5	303	1.4	441	1.3	682	5.850	GST09-2M □□□180C12	218
	251	2.6	303	2.5	441	2.2	682	5.850	GST11-2M □□□180C12	218
	234	2.8	282	2.7	411	2.3	733	6.286	GST14-2M □□□180C12	218
	230	2.4	277	2.3	403	2.0	746	6.400	GST11-2M □□□180C12	218
	221	1.4	266	1.3	387	1.1	777	6.667	GST09-2M □□□180C12	218
	214	2.6	258	2.4	376	2.2	800	6.864	GST11-2M □□□180C12	218
	201	1.3	242	1.2	353	1.1	852	7.305	GST09-2M □□□180C12	218
	189	2.3	227	2.2	331	1.9	910	7.800	GST11-2M □□□180C12	218
	183	1.2	221	1.2	321	1.0	936	8.027	GST09-2M □□□180C12	218
	183	2.8	221	2.7	321	2.3	936	8.027	GST14-2M □□□180C12	218
	167	2.8	201	2.7	293	2.3	1026	8.800	GST14-2M □□□180C12	218
	163	1.1	197	1.0	286	0.9	1051	9.010	GST09-2M □□□180C12	218
	163	2.2	197	2.0	286	1.8	1051	9.010	GST11-2M □□□180C12	218
	149	2.0	180	1.9	262	1.7	1149	9.856	GST11-2M □□□180C12	218
	149	2.7	180	2.5	262	2.2	1148	9.841	GST14-2M □□□180C12	218
	143	1.0	172	0.9	251	0.8	1197	10.267	GST09-2M □□□180C12	218
	134	2.8	161	2.7	235	2.3	1283	11.000	GST14-2M □□□180C12	218
	131	1.8	158	1.7	230	1.5	1306	11.200	GST11-2M □□□180C12	218
	126	0.9	152	0.8			1360	11.667	GST09-2M □□□180C12	218
	119	0.9	143	0.8			1441	12.362	GST09-2M □□□180C12	218
	119	2.8	143	2.7	209	2.3	1441	12.362	GST14-2M □□□180C12	218
	117	1.7	141	1.6	205	1.4	1466	12.571	GST11-2M □□□180C12	218
	105	2.6	126	2.5	184	2.2	1638	14.048	GST14-2M □□□180C12	218
	103	1.6	124	1.5	181	1.3	1666	14.286	GST11-2M □□□180C12	218
	97	2.5	117	2.5	170	2.4	1767	15.156	GST14-2M □□□180C12	218
	96	1.5	115	1.5	168	1.4	1796	15.400	GST11-2M □□□180C12	218
	85	2.3	103	2.3	150	2.2	2008	17.222	GST14-2M □□□180C12	218
	84	1.4	101	1.4	147	1.3	2041	17.500	GST11-2M □□□180C12	218



50 Hz: $P_N=18.5$ kW
60 Hz: $P_N=22.2$ kW
87 Hz: $P_N=32.4$ kW

n _N	1470 r/min		1770 r/min		2575 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	18.5 kW		22.2 kW		32.4 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	73	1.2	87	1.2	127	1.1	2366	20.289	GST11-2M □□□180C12	218
	73	2.1	88	2.1	129	2.0	2337	20.044	GST14-2M □□□180C12	218
	65	1.9	78	1.9	113	1.8	2656	22.778	GST14-2M □□□180C12	218
	64	1.1	77	1.1	112	1.0	2688	23.056	GST11-2M □□□180C12	218
	60	1.8	72	1.8	105	1.7	2865	24.567	GST14-2M □□□180C12	218
	59	1.0	71	1.0	104	0.9	2907	24.933	GST11-2M □□□180C12	218
	53	1.7	63	1.7	92	1.6	3255	27.917	GST14-2M □□□180C12	218
	52	0.9	63	0.9	91	0.8	3304	28.333	GST11-2M □□□180C12	218
	46	1.4	55	1.4	80	1.4	3762	32.267	GST14-2M □□□180C12	218
	40	1.4	48	1.4	70	1.3	4275	36.667	GST14-2M □□□180C12	218
	38	1.2	45	1.2	66	1.1	4566	39.160	GST14-2M □□□180C12	218
	37	1.0	44	1.0	64	0.9	4615	40.185	GST14-3M □□□180C12	224
	35	0.9	42	0.9	61	0.9	4890	42.580	GST14-3M □□□180C12	224
	33	1.1	40	1.1	58	1.1	5189	44.500	GST14-2M □□□180C12	218
	30	0.9	37	0.9	53	0.9	5557	48.386	GST14-3M □□□180C12	224



GST

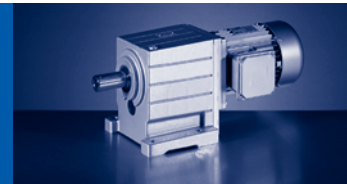
GST [Nm] - MD□MA (IE1)

50 Hz: P_N=22.0 kW

60 Hz: P_N=26.4 kW

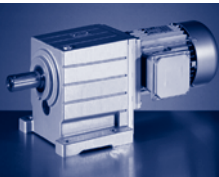
87 Hz: P_N=38.7 kW

n _N	1465 r/min		1765 r/min		2560 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	22.0 kW		26.4 kW		38.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	939	1.3	1131	1.2	1651	1.1	220	1.560	GST09-1M □□□180C32	212
	716	1.2	862	1.1	1258	1.0	289	2.048	GST09-1M □□□180C32	212
	628	1.1	756	1.1	1104	0.9	330	2.333	GST09-1M □□□180C32	212
	521	1.1	628	1.0	917	0.9	397	2.810	GST09-1M □□□180C32	212
	425	0.9	512	0.9			487	3.444	GST09-1M □□□180C32	212
	361	1.6	435	1.5	635	1.3	564	4.056	GST09-2M □□□180C32	218
	361	2.6	435	2.5	635	2.2	564	4.056	GST11-2M □□□180C32	218
	329	1.5	396	1.4	578	1.3	620	4.457	GST09-2M □□□180C32	218
	329	2.6	396	2.5	578	2.2	620	4.457	GST11-2M □□□180C32	218
	282	3.2	339	3.0	495	2.6	724	5.200	GST14-2M □□□180C32	218
	275	1.3	332	1.3	484	1.1	741	5.324	GST09-2M □□□180C32	218
	275	2.2	332	2.0	484	1.8	741	5.324	GST11-2M □□□180C32	218
	256	3.2	309	3.0	451	2.6	795	5.714	GST14-2M □□□180C32	218
	250	1.3	302	1.2	440	1.1	814	5.850	GST09-2M □□□180C32	218
	250	2.2	302	2.1	440	1.8	814	5.850	GST11-2M □□□180C32	218
	233	3.1	281	2.9	410	2.6	875	6.286	GST14-2M □□□180C32	218
	229	2.0	276	1.9	402	1.7	890	6.400	GST11-2M □□□180C32	218
	220	1.2	265	1.1	386	1.0	928	6.667	GST09-2M □□□180C32	218
	213	2.2	257	2.1	375	1.8	955	6.864	GST11-2M □□□180C32	218
	201	1.1	242	1.0	353	0.9	1016	7.305	GST09-2M □□□180C32	218
	188	2.0	226	1.8	330	1.6	1085	7.800	GST11-2M □□□180C32	218
	183	1.0	220	1.0	321	0.9	1117	8.027	GST09-2M □□□180C32	218
	183	2.9	220	2.7	321	2.4	1117	8.027	GST14-2M □□□180C32	218
	167	3.1	201	2.9	293	2.6	1224	8.800	GST14-2M □□□180C32	218
	163	0.9	196	0.9			1254	9.010	GST09-2M □□□180C32	218
	163	1.8	196	1.7	286	1.5	1254	9.010	GST11-2M □□□180C32	218
	149	1.7	179	1.6	261	1.4	1371	9.856	GST11-2M □□□180C32	218
	149	2.6	179	2.5	262	2.2	1369	9.841	GST14-2M □□□180C32	218
	143	0.8					1428	10.267	GST09-2M □□□180C32	218
	133	2.6	161	2.4	234	2.2	1531	11.000	GST14-2M □□□180C32	218
	131	1.5	158	1.5	230	1.3	1558	11.200	GST11-2M □□□180C32	218
	119	2.4	143	2.3	208	2.0	1720	12.362	GST14-2M □□□180C32	218
	117	1.4	140	1.4	205	1.2	1749	12.571	GST11-2M □□□180C32	218
	104	2.2	126	2.1	183	1.8	1955	14.048	GST14-2M □□□180C32	218
	103	1.3	124	1.2	180	1.1	1988	14.286	GST11-2M □□□180C32	218
	97	2.1	117	2.1	170	2.0	2109	15.156	GST14-2M □□□180C32	218
	95	1.3	115	1.3	167	1.2	2143	15.400	GST11-2M □□□180C32	218
	85	1.9	103	1.9	150	1.8	2396	17.222	GST14-2M □□□180C32	218
	84	1.1	101	1.1	147	1.1	2435	17.500	GST11-2M □□□180C32	218
	73	1.8	88	1.8	129	1.7	2789	20.044	GST14-2M □□□180C32	218
	72	1.0	87	1.0	127	0.9	2823	20.289	GST11-2M □□□180C32	218



50 Hz: $P_N=22.0$ kW
60 Hz: $P_N=26.4$ kW
87 Hz: $P_N=38.7$ kW

n _N	1465 r/min		1765 r/min		2560 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	22.0 kW		26.4 kW		38.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	64	0.9	77	0.9	112	0.9	3208	23.056	GST11-2M □□□180C32	218
	64	1.6	78	1.6	113	1.5	3169	22.778	GST14-2M □□□180C32	218
	60	1.5	72	1.5	105	1.5	3418	24.567	GST14-2M □□□180C32	218
	59	0.8	71	0.8			3469	24.933	GST11-2M □□□180C32	218
	53	1.4	63	1.4	92	1.3	3884	27.917	GST14-2M □□□180C32	218
	45	1.2	55	1.2	80	1.2	4489	32.267	GST14-2M □□□180C32	218
	40	1.1	48	1.1	70	1.1	5102	36.667	GST14-2M □□□180C32	218
	37	0.8	44	0.8			5507	40.185	GST14-3M □□□180C32	224
	37	1.0	45	1.0	66	1.0	5448	39.160	GST14-2M □□□180C32	218
	33	0.9	40	0.9	58	0.9	6191	44.500	GST14-2M □□□180C32	218



GST

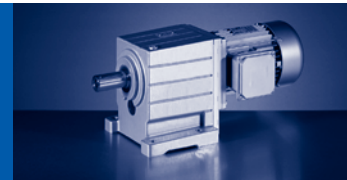
GST [Nm] - MD□MA (IE1)

50 Hz: P_N=30.0 kW

60 Hz: P_N=36.0 kW

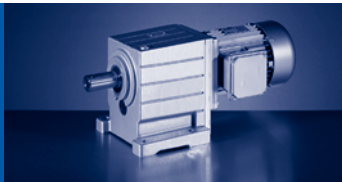
87 Hz: P_N=52.7 kW

n _N	1465 r/min		1765 r/min		2565 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	30.0 kW		36.0 kW		52.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	939	0.9	1131	0.9			301	1.560	GST09-1M □□□180C42	212
	716	0.9	862	0.8			394	2.048	GST09-1M □□□180C42	212
	628	0.8					449	2.333	GST09-1M □□□180C42	212
	361	1.1	435	1.1			770	4.056	GST09-2M □□□180C42	218
	361	1.9	435	1.8			770	4.056	GST11-2M □□□180C42	218
	329	1.1	396	1.0			846	4.457	GST09-2M □□□180C42	218
	329	1.9	396	1.8			846	4.457	GST11-2M □□□180C42	218
	282	2.3	339	2.2			987	5.200	GST14-2M □□□180C42	218
	275	1.0	332	0.9			1010	5.324	GST09-2M □□□180C42	218
	275	1.6	332	1.5			1010	5.324	GST11-2M □□□180C42	218
	256	2.3	309	2.2			1084	5.714	GST14-2M □□□180C42	218
	250	0.9	302	0.9			1110	5.850	GST09-2M □□□180C42	218
	250	1.6	302	1.5			1110	5.850	GST11-2M □□□180C42	218
	233	2.3	281	2.2			1193	6.286	GST14-2M □□□180C42	218
	229	1.5	276	1.4			1214	6.400	GST11-2M □□□180C42	218
	220	0.8					1265	6.667	GST09-2M □□□180C42	218
	213	1.6	257	1.5			1302	6.864	GST11-2M □□□180C42	218
	188	1.4	226	1.4			1480	7.800	GST11-2M □□□180C42	218
	183	2.1	220	2.0			1523	8.027	GST14-2M □□□180C42	218
	167	2.2	201	2.1			1670	8.800	GST14-2M □□□180C42	218
	163	1.3	196	1.3			1709	9.010	GST11-2M □□□180C42	218
	149	1.2	179	1.2			1870	9.856	GST11-2M □□□180C42	218
	149	1.9	179	1.8			1867	9.841	GST14-2M □□□180C42	218
	133	1.9	161	1.8			2087	11.000	GST14-2M □□□180C42	218
	131	1.1	158	1.1			2125	11.200	GST11-2M □□□180C42	218
	119	1.8	143	1.7			2345	12.362	GST14-2M □□□180C42	218
	117	1.1	140	1.0			2385	12.571	GST11-2M □□□180C42	218
	104	1.6	126	1.5			2665	14.048	GST14-2M □□□180C42	218
	103	1.0	124	0.9			2710	14.286	GST11-2M □□□180C42	218
	97	1.6	117	1.6			2875	15.156	GST14-2M □□□180C42	218
	95	0.9	115	0.9			2922	15.400	GST11-2M □□□180C42	218
	85	1.4	103	1.4			3268	17.222	GST14-2M □□□180C42	218
	84	0.8	101	0.8			3320	17.500	GST11-2M □□□180C42	218
	73	1.3	88	1.3			3803	20.044	GST14-2M □□□180C42	218
	64	1.2	78	1.2			4322	22.778	GST14-2M □□□180C42	218
	60	1.1	72	1.1			4661	24.567	GST14-2M □□□180C42	218
	53	1.0	63	1.0			5297	27.917	GST14-2M □□□180C42	218
	45	0.9	55	0.9			6122	32.267	GST14-2M □□□180C42	218
	40	0.8	48	0.8			6957	36.667	GST14-2M □□□180C42	218



50 Hz: P_N=37.0 kW
60 Hz: P_N=45.0 kW

n _N	1475 r/min		1770 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	37.0 kW		45.0 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	364	1.6	436	1.5			943	4.056	GST11-2M □□□225C12	218
	349	2.8	419	2.6			982	4.225	GST14-2M □□□225C12	218
	331	1.6	397	1.5			1036	4.457	GST11-2M □□□225C12	218
	318	2.7	381	2.6			1079	4.643	GST14-2M □□□225C12	218
	284	2.5	340	2.4			1209	5.200	GST14-2M □□□225C12	218
	277	1.3	333	1.2			1237	5.324	GST11-2M □□□225C12	218
	258	2.5	310	2.3			1328	5.714	GST14-2M □□□225C12	218
	252	1.3	303	1.2			1360	5.850	GST11-2M □□□225C12	218
	235	2.3	282	2.2			1461	6.286	GST14-2M □□□225C12	218
	231	1.2	277	1.2			1487	6.400	GST11-2M □□□225C12	218
	215	1.3	258	1.2			1595	6.864	GST11-2M □□□225C12	218
	206	2.1	248	2.0			1662	7.150	GST14-2M □□□225C12	218
	189	1.2	227	1.1			1813	7.800	GST11-2M □□□225C12	218
	184	2.0	221	1.9			1866	8.027	GST14-2M □□□225C12	218
	168	1.8	201	1.7			2045	8.800	GST14-2M □□□225C12	218
	164	1.1	197	1.0			2094	9.010	GST11-2M □□□225C12	218
	150	1.0	180	1.0			2291	9.856	GST11-2M □□□225C12	218
	150	1.7	180	1.6			2287	9.841	GST14-2M □□□225C12	218
	134	1.5	161	1.5			2557	11.000	GST14-2M □□□225C12	218
	132	0.9	158	0.9			2603	11.200	GST11-2M □□□225C12	218
	119	1.5	143	1.4			2873	12.362	GST14-2M □□□225C12	218
	117	0.9	141	0.8			2922	12.571	GST11-2M □□□225C12	218
	105	1.3	126	1.2			3265	14.048	GST14-2M □□□225C12	218
	97	1.3	117	1.3			3522	15.156	GST14-2M □□□225C12	218
	86	1.1	103	1.1			4003	17.222	GST14-2M □□□225C12	218
	74	1.1	88	1.1			4659	20.044	GST14-2M □□□225C12	218
	65	1.0	78	1.0			5294	22.778	GST14-2M □□□225C12	218

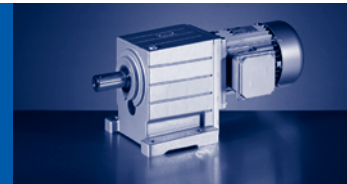


GST GST [Nm] - MD□MA (IE1)

50 Hz: P_N=45.0 kW

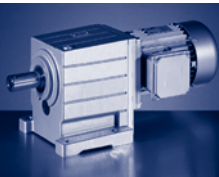
60 Hz: P_N=54.0 kW

n _N	1480 r/min		1775 r/min				M ₂ [Nm]	i		
f _N	50 Hz		60 Hz							
P _N	45.0 kW		54.0 kW							
	n ₂ [r/min]	c	n ₂ [r/min]	c						
	365	1.3	438	1.2			1143	4.056	GST11-2M □□□225C22	218
	350	2.3	420	2.2			1190	4.225	GST14-2M □□□225C22	218
	332	1.3	399	1.2			1256	4.457	GST11-2M □□□225C22	218
	319	2.2	383	2.1			1308	4.643	GST14-2M □□□225C22	218
	285	2.1	342	2.0			1465	5.200	GST14-2M □□□225C22	218
	278	1.1	334	1.0			1500	5.324	GST11-2M □□□225C22	218
	259	2.0	311	1.9			1610	5.714	GST14-2M □□□225C22	218
	253	1.1	304	1.0			1648	5.850	GST11-2M □□□225C22	218
	236	1.9	283	1.8			1771	6.286	GST14-2M □□□225C22	218
	231	1.0	278	0.9			1803	6.400	GST11-2M □□□225C22	218
	216	1.1	259	1.0			1934	6.864	GST11-2M □□□225C22	218
	207	1.7	248	1.6			2014	7.150	GST14-2M □□□225C22	218
	190	1.0	228	0.9			2197	7.800	GST11-2M □□□225C22	218
	184	1.7	221	1.6			2261	8.027	GST14-2M □□□225C22	218
	168	1.5	202	1.4			2479	8.800	GST14-2M □□□225C22	218
	164	0.9	197	0.8			2538	9.010	GST11-2M □□□225C22	218
	150	0.8					2777	9.856	GST11-2M □□□225C22	218
	150	1.4	181	1.3			2772	9.841	GST14-2M □□□225C22	218
	135	1.3	162	1.2			3099	11.000	GST14-2M □□□225C22	218
	120	1.2	144	1.1			3482	12.362	GST14-2M □□□225C22	218
	105	1.1	126	1.0			3957	14.048	GST14-2M □□□225C22	218
	98	1.1	117	1.1			4269	15.156	GST14-2M □□□225C22	218
	86	0.9	103	0.9			4852	17.222	GST14-2M □□□225C22	218
	74	0.9	89	0.9			5647	20.044	GST14-2M □□□225C22	218



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				
	881	2.4	1069	2.3	1575	2.0	8.0	1.600	GST04-1M □□□080C32	230
	689	2.2	835	2.1	1231	1.9	10	2.048	GST04-1M □□□080C32	230
	630	2.2	763	2.1	1125	1.9	11	2.240	GST04-1M □□□080C32	230
	494	1.8	599	1.7	882	1.5	14	2.857	GST04-1M □□□080C32	230
	477	2.7	579	2.6	853	2.3	15	2.956	GST04-2M □□□080C32	236
	423	2.5	513	2.4	756	2.1	16	3.333	GST04-2M □□□080C32	236
	403	1.4	489	1.4	720	1.2	18	3.500	GST04-1M □□□080C32	230
	403	3.1	489	3.0	720	2.6	18	3.500	GST05-1M □□□080C32	230
	348	2.3	422	2.2	622	1.9	20	4.053	GST04-2M □□□080C32	236
	321	1.1	389	1.1	573	1.0	22	4.400	GST04-1M □□□080C32	230
	310	2.4	375	2.3	553	2.0	23	4.556	GST05-1M □□□080C32	230
	308	2.1	374	2.0	551	1.8	23	4.571	GST04-2M □□□080C32	236
	272	2.0	330	1.9	486	1.7	26	5.187	GST04-2M □□□080C32	236
	249	0.9	302	0.8			28	5.667	GST04-1M □□□080C32	230
	249	1.9	302	1.8	445	1.6	28	5.667	GST05-1M □□□080C32	230
	249	2.9	302	2.8	445	2.4	28	5.667	GST06-1M □□□080C32	230
	241	1.9	292	1.8	431	1.6	29	5.850	GST04-2M □□□080C32	236
	220	1.8	267	1.7	394	1.5	32	6.400	GST04-2M □□□080C32	236
	200	1.6	243	1.6	358	1.4	35	7.040	GST04-2M □□□080C32	236
	195	3.0	236	2.9	348	2.6	36	7.238	GST05-2M □□□080C32	236
	192	1.3	233	1.2	344	1.1	37	7.333	GST05-1M □□□080C32	230
	192	2.6	233	2.5	344	2.2	37	7.333	GST06-1M □□□080C32	230
	192	2.9	233	2.8	344	2.4	37	7.333	GST07-1M □□□080C32	230
	176	1.5	214	1.4	315	1.3	39	8.000	GST04-2M □□□080C32	236
	173	2.9	210	2.7	309	2.4	40	8.163	GST05-2M □□□080C32	236
	158	1.0	192	0.9			45	8.900	GST05-1M □□□080C32	230
	158	1.9	192	1.8	283	1.6	45	8.900	GST06-1M □□□080C32	230
	158	2.5	192	2.4	283	2.1	45	8.900	GST07-1M □□□080C32	230
	157	1.4	190	1.4	280	1.2	44	9.010	GST04-2M □□□080C32	236
	157	2.7	190	2.6	280	2.3	44	9.010	GST05-2M □□□080C32	236
	143	1.3	174	1.3	256	1.1	49	9.856	GST04-2M □□□080C32	236
	141	2.5	171	2.4	252	2.1	49	10.000	GST05-2M □□□080C32	236
	126	1.1	153	1.0	225	0.9	55	11.200	GST04-2M □□□080C32	236
	126	2.3	153	2.2	225	1.9	55	11.200	GST05-2M □□□080C32	236
	125	1.1	152	1.1	224	0.9	56	11.250	GST06-1M □□□080C32	230
	125	2.0	152	1.9	224	1.7	56	11.250	GST07-1M □□□080C32	230
	112	1.1	136	1.1	201	0.9	62	12.571	GST04-2M □□□080C32	236
	108	2.1	131	2.1	194	1.8	64	13.016	GST05-2M □□□080C32	236
	99	0.9	120	0.8			70	14.286	GST04-2M □□□080C32	236
	98	2.0	119	1.9	176	1.7	71	14.356	GST05-2M □□□080C32	236
	92	0.9	111	0.9	164	0.9	76	15.400	GST04-2M □□□080C32	236



GST

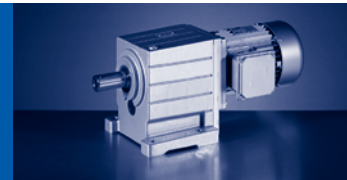
GST [Nm] - MH□MA (IE2)

50 Hz: P_N=0.75 kW

60 Hz: P_N=0.92 kW

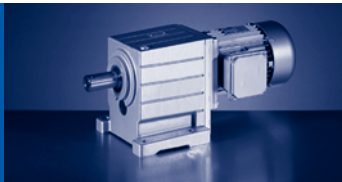
87 Hz: P_N=1.35 kW

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				
	87	1.9	106	1.9	156	1.8	80	16.190	GST05-2M □□□080C32	236
	81	1.7	98	1.7	144	1.6	86	17.500	GST05-2M □□□080C32	236
	70	1.6	85	1.6	126	1.5	99	20.044	GST05-2M □□□080C32	236
	62	1.3	75	1.3	111	1.2	112	22.778	GST05-2M □□□080C32	236
	62	2.8	75	2.8	111	2.7	112	22.778	GST06-2M □□□080C32	236
	57	1.3	69	1.3	101	1.3	123	24.933	GST05-2M □□□080C32	236
	57	2.9	69	2.9	101	2.8	123	24.933	GST06-2M □□□080C32	236
	50	1.1	60	1.1	89	1.0	140	28.333	GST05-2M □□□080C32	236
	50	2.3	60	2.3	89	2.2	140	28.333	GST06-2M □□□080C32	236
	44	1.0	53	1.0	78	1.0	159	32.267	GST05-2M □□□080C32	236
	44	2.3	53	2.3	78	2.2	159	32.267	GST06-2M □□□080C32	236
	44	2.9	53	2.9	78	2.8	159	32.267	GST07-2M □□□080C32	236
	39	0.8	47	0.8			181	36.667	GST05-2M □□□080C32	236
	39	1.8	47	1.8	69	1.7	181	36.667	GST06-2M □□□080C32	236
	39	2.9	47	2.9	69	2.8	181	36.667	GST07-2M □□□080C32	236
	36	0.9	44	0.9	64	0.8	193	39.160	GST05-2M □□□080C32	236
	36	1.7	44	1.7	64	1.6	190	39.200	GST06-3M □□□080C32	242
	36	1.9	44	1.9	64	1.8	193	39.160	GST06-2M □□□080C32	236
	36	2.5	44	2.5	64	2.4	193	39.160	GST07-2M □□□080C32	236
	32	1.5	38	1.5	57	1.5	219	44.500	GST06-2M □□□080C32	236
	32	1.6	39	1.6	57	1.6	214	44.000	GST06-3M □□□080C32	242
	32	2.5	38	2.5	57	2.5	219	44.500	GST07-2M □□□080C32	236
	29	1.1	35	1.1	51	1.1	244	49.500	GST06-2M □□□080C32	236
	29	2.0	35	2.0	51	2.0	244	49.500	GST07-2M □□□080C32	236
	28	1.3	34	1.3	49	1.3	248	51.022	GST06-3M □□□080C32	242
	28	2.8	34	2.8	49	2.8	248	51.022	GST07-3M □□□080C32	242
	26	1.3	32	1.3	47	1.3	262	53.900	GST06-3M □□□080C32	242
	26	2.7	32	2.7	47	2.7	262	53.900	GST07-3M □□□080C32	242
	25	1.1	30	1.1	45	1.1	277	56.250	GST06-2M □□□080C32	236
	25	2.0	30	2.0	45	2.0	277	56.250	GST07-2M □□□080C32	236
	22	2.2	26	2.2	39	2.2	316	65.079	GST07-3M □□□080C32	242
	21	1.1	25	1.1	37	1.1	329	67.760	GST06-3M □□□080C32	242
	20	1.1	24	1.1	36	1.1	341	70.156	GST06-3M □□□080C32	242
	20	2.1	24	2.1	36	2.1	341	70.156	GST07-3M □□□080C32	242
	18	1.8	21	1.8	32	1.8	387	79.762	GST07-3M □□□080C32	242
	17	0.9	21	0.9	31	0.9	393	80.952	GST06-3M □□□080C32	242
	16	0.9	20	0.9	29	0.9	424	87.267	GST06-3M □□□080C32	242
	16	1.7	20	1.7	29	1.7	417	85.983	GST07-3M □□□080C32	242
	14	1.5	18	1.5	26	1.5	474	97.708	GST07-3M □□□080C32	242
	13	1.3	15	1.3	23	1.3	543	111.915	GST07-3M □□□080C32	242
	12	2.9	15	2.9	22	2.9	551	113.585	GST09-3M □□□080C32	242



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	1.2	13	1.2	20	1.2	617	127.176	GST07-3M □□□080C32	242
	11	2.6	13	2.6	20	2.6	627	129.074	GST09-3M □□□080C32	242
	10	1.0	12	1.0	18	1.0	676	139.211	GST07-3M □□□080C32	242
	10	2.4	12	2.4	18	2.4	686	141.289	GST09-3M □□□080C32	242
	8.9	0.9	11	0.9	16	0.9	768	158.194	GST07-3M □□□080C32	242
	8.8	2.1	11	2.1	16	2.1	779	160.556	GST09-3M □□□080C32	242
	7.8	0.8	9.5	0.8	14	0.8	875	180.156	GST07-3M □□□080C32	242
	7.7	1.8	9.4	1.8	14	1.8	888	182.844	GST09-3M □□□080C32	242
	6.8	1.6	8.2	1.6	12	1.6	1009	207.778	GST09-3M □□□080C32	242
	6.8	2.8	8.2	2.8	12	2.8	1009	207.778	GST11-3M □□□080C32	242
	6	1.4	7.2	1.4	11	1.4	1149	236.622	GST09-3M □□□080C32	242
	6	2.4	7.2	2.4	11	2.4	1149	236.622	GST11-3M □□□080C32	242
	5.6	1.3	6.8	1.3	10	1.3	1224	252.167	GST09-3M □□□080C32	242
	5.6	2.3	6.8	2.3	10	2.3	1224	252.167	GST11-3M □□□080C32	242
	5.2	1.2	6.4	1.2	9.4	1.2	1305	268.889	GST09-3M □□□080C32	242
	5.2	2.2	6.4	2.2	9.4	2.2	1305	268.889	GST11-3M □□□080C32	242
	4.3	1.0	5.2	1.0	7.7	1.0	1584	326.333	GST09-3M □□□080C32	242
	4.3	1.8	5.2	1.8	7.7	1.8	1584	326.333	GST11-3M □□□080C32	242
	3.9	0.9	4.7	0.9	6.9	0.9	1762	363.000	GST09-3M □□□080C32	242
	3.9	1.5	4.7	1.5	6.9	1.5	1762	363.000	GST11-3M □□□080C32	242
	3.4	0.8	4.2	0.8	6.1	0.8	2002	412.500	GST09-3M □□□080C32	242
	3.4	1.4	4.2	1.4	6.1	1.4	2002	412.500	GST11-3M □□□080C32	242

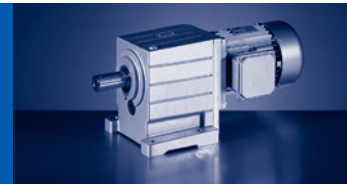


GST

GST [Nm] - MH□MA (IE2)

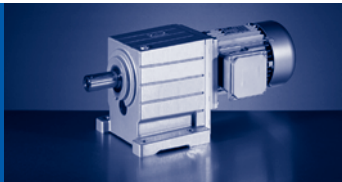
50 Hz: P_N=1.1 kW
 60 Hz: P_N=1.3 kW
 87 Hz: P_N=2.0 kW

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				
	894	1.7	1081	1.6	1588	1.4	12	1.600	GST04-1M □□□090C12	230
	698	1.5	845	1.5	1241	1.3	15	2.048	GST04-1M □□□090C12	230
	638	1.5	772	1.5	1134	1.3	16	2.240	GST04-1M □□□090C12	230
	501	1.2	606	1.2	889	1.0	21	2.857	GST04-1M □□□090C12	230
	501	2.6	606	2.4	889	2.2	21	2.857	GST05-1M □□□090C12	230
	484	1.9	585	1.8	859	1.6	21	2.956	GST04-2M □□□090C12	236
	484	3.0	585	2.9	859	2.5	21	2.956	GST05-2M □□□090C12	236
	429	1.8	519	1.7	762	1.5	24	3.333	GST04-2M □□□090C12	236
	409	1.0	494	0.9	726	0.8	25	3.500	GST04-1M □□□090C12	230
	409	2.1	494	2.0	726	1.8	25	3.500	GST05-1M □□□090C12	230
	353	1.6	427	1.5	627	1.3	29	4.053	GST04-2M □□□090C12	236
	353	2.8	427	2.7	627	2.4	29	4.053	GST05-2M □□□090C12	236
	314	1.6	380	1.6	558	1.4	33	4.556	GST05-1M □□□090C12	230
	314	3.2	380	3.0	558	2.7	33	4.556	GST06-1M □□□090C12	230
	313	1.5	378	1.4	556	1.2	33	4.571	GST04-2M □□□090C12	236
	313	2.8	378	2.7	556	2.4	33	4.571	GST05-2M □□□090C12	236
	276	1.4	334	1.3	490	1.1	37	5.187	GST04-2M □□□090C12	236
	276	2.4	334	2.3	490	2.0	37	5.187	GST05-2M □□□090C12	236
	252	1.3	305	1.3	448	1.1	41	5.667	GST05-1M □□□090C12	230
	252	2.6	305	2.4	448	2.2	41	5.667	GST06-1M □□□090C12	230
	244	1.3	296	1.2	434	1.1	42	5.850	GST04-2M □□□090C12	236
	244	2.4	296	2.3	434	2.0	42	5.850	GST05-2M □□□090C12	236
	223	1.2	270	1.2	397	1.0	46	6.400	GST04-2M □□□090C12	236
	223	2.3	270	2.2	397	1.9	46	6.400	GST05-2M □□□090C12	236
	203	1.1	246	1.1	361	1.0	50	7.040	GST04-2M □□□090C12	236
	198	2.1	239	2.0	351	1.8	52	7.238	GST05-2M □□□090C12	236
	195	1.9	236	1.8	346	1.6	53	7.333	GST06-1M □□□090C12	230
	179	1.0	216	1.0	318	0.9	57	8.000	GST04-2M □□□090C12	236
	175	2.0	212	1.9	311	1.7	58	8.163	GST05-2M □□□090C12	236
	161	1.3	194	1.3	285	1.1	64	8.900	GST06-1M □□□090C12	230
	161	2.8	194	2.6	285	2.3	64	8.900	GST07-1M □□□090C12	230
	159	1.0	192	0.9	282	0.8	64	9.010	GST04-2M □□□090C12	236
	159	1.9	192	1.8	282	1.6	64	9.010	GST05-2M □□□090C12	236
	145	0.9	176	0.9			70	9.856	GST04-2M □□□090C12	236
	143	1.7	173	1.7	254	1.5	71	10.000	GST05-2M □□□090C12	236
	128	1.6	155	1.5	227	1.3	80	11.200	GST05-2M □□□090C12	236
	127	1.7	154	1.6	226	1.4	81	11.250	GST07-1M □□□090C12	230
	127	2.7	154	2.6	226	2.2	81	11.250	GST09-1M □□□090C12	230
	110	1.5	133	1.4	195	1.2	93	13.016	GST05-2M □□□090C12	236
	100	1.4	121	1.3	177	1.2	102	14.356	GST05-2M □□□090C12	236
	100	3.0	121	2.9	178	2.5	102	14.286	GST06-2M □□□090C12	236



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				
	93	2.9	112	2.9	165	2.8	110	15.400	GST06-2M □□□090C12	236
	88	1.3	107	1.3	157	1.2	115	16.190	GST05-2M □□□090C12	236
	82	1.1	99	1.1	145	1.1	125	17.500	GST05-2M □□□090C12	236
	82	2.5	99	2.5	145	2.4	125	17.500	GST06-2M □□□090C12	236
	71	1.1	86	1.1	127	1.1	143	20.044	GST05-2M □□□090C12	236
	71	2.5	86	2.5	127	2.3	143	20.044	GST06-2M □□□090C12	236
	63	0.9	76	0.9	112	0.9	162	22.778	GST05-2M □□□090C12	236
	63	1.9	76	1.9	112	1.9	162	22.778	GST06-2M □□□090C12	236
	57	0.9	69	0.9	102	0.9	178	24.933	GST05-2M □□□090C12	236
	57	2.0	69	2.0	102	1.9	178	24.933	GST06-2M □□□090C12	236
	51	1.6	61	1.6	90	1.5	202	28.333	GST06-2M □□□090C12	236
	44	1.6	54	1.6	79	1.5	230	32.267	GST06-2M □□□090C12	236
	44	3.1	54	3.1	79	2.9	230	32.267	GST07-2M □□□090C12	236
	39	1.2	47	1.2	69	1.2	261	36.667	GST06-2M □□□090C12	236
	39	2.7	47	2.7	69	2.6	261	36.667	GST07-2M □□□090C12	236
	37	1.2	44	1.2	65	1.1	275	39.200	GST06-3M □□□090C12	242
	37	1.3	44	1.3	65	1.3	279	39.160	GST06-2M □□□090C12	236
	37	2.5	44	2.5	65	2.4	275	39.200	GST07-3M □□□090C12	242
	37	2.5	44	2.5	65	2.4	279	39.160	GST07-2M □□□090C12	236
	33	1.1	39	1.1	58	1.1	309	44.000	GST06-3M □□□090C12	242
	33	2.3	39	2.3	58	2.3	309	44.000	GST07-3M □□□090C12	242
	32	1.0	39	1.0	57	1.0	317	44.500	GST06-2M □□□090C12	236
	32	2.2	39	2.2	57	2.2	317	44.500	GST07-2M □□□090C12	236
	29	1.7	35	1.7	51	1.7	353	49.500	GST07-2M □□□090C12	236
	29	2.7	35	2.7	51	2.7	353	49.500	GST09-2M □□□090C12	236
	28	0.9	34	0.9	50	0.9	358	51.022	GST06-3M □□□090C12	242
	28	2.0	34	2.0	50	2.0	358	51.022	GST07-3M □□□090C12	242
	27	0.9	32	0.9	47	0.9	378	53.900	GST06-3M □□□090C12	242
	27	1.9	32	1.9	47	1.9	378	53.900	GST07-3M □□□090C12	242
	25	1.7	31	1.7	45	1.7	401	56.250	GST07-2M □□□090C12	236
	25	2.7	31	2.7	45	2.7	401	56.250	GST09-2M □□□090C12	236
	22	1.6	27	1.6	39	1.6	457	65.079	GST07-3M □□□090C12	242
	20	1.4	25	1.4	36	1.4	493	70.156	GST07-3M □□□090C12	242
	20	2.9	24	2.9	35	2.9	505	71.867	GST09-3M □□□090C12	242
	18	1.3	22	1.3	32	1.3	560	79.762	GST07-3M □□□090C12	242
	18	2.8	21	2.8	31	2.8	573	81.667	GST09-3M □□□090C12	242
	17	1.2	20	1.2	30	1.2	604	85.983	GST07-3M □□□090C12	242
	15	1.0	18	1.0	26	1.0	686	97.708	GST07-3M □□□090C12	242
	15	2.5	19	2.5	27	2.5	657	93.541	GST09-3M □□□090C12	242
	14	2.3	17	2.3	26	2.3	696	99.167	GST09-3M □□□090C12	242
	13	0.9	16	0.9	23	0.9	786	111.915	GST07-3M □□□090C12	242



GST

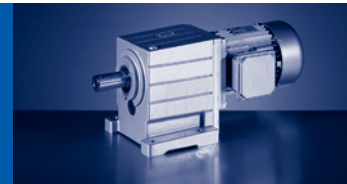
GST [Nm] - MH□MA (IE2)

50 Hz: P_N=1.1 kW

60 Hz: P_N=1.3 kW

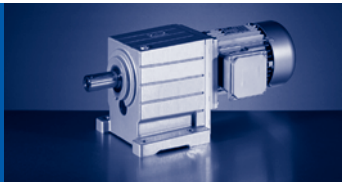
87 Hz: P_N=2.0 kW

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				
	13	2.0	15	2.0	22	2.0	797	113.585	GST09-3M □□□090C12	242
	11	1.8	13	1.8	20	1.8	906	129.074	GST09-3M □□□090C12	242
	11	3.1	13	3.1	20	3.1	906	129.074	GST11-3M □□□090C12	242
	10	1.6	12	1.6	18	1.6	992	141.289	GST09-3M □□□090C12	242
	9.7	2.6	12	2.6	17	2.6	1032	146.993	GST11-3M □□□090C12	242
	9	2.5	11	2.5	16	2.5	1111	158.194	GST11-3M □□□090C12	242
	8.9	1.4	11	1.4	16	1.4	1127	160.556	GST09-3M □□□090C12	242
	7.9	2.1	9.6	2.1	14	2.1	1265	180.156	GST11-3M □□□090C12	242
	7.8	1.3	9.5	1.3	14	1.3	1284	182.844	GST09-3M □□□090C12	242
	6.9	1.1	8.3	1.1	12	1.1	1459	207.778	GST09-3M □□□090C12	242
	6.9	1.9	8.3	1.9	12	1.9	1459	207.778	GST11-3M □□□090C12	242
	6	1.0	7.3	1.0	11	1.0	1661	236.622	GST09-3M □□□090C12	242
	6	1.6	7.3	1.6	11	1.6	1661	236.622	GST11-3M □□□090C12	242
	5.7	0.9	6.9	0.9	10	0.9	1770	252.167	GST09-3M □□□090C12	242
	5.7	1.6	6.9	1.6	10	1.6	1770	252.167	GST11-3M □□□090C12	242
	5.3	0.9	6.4	0.9	9.5	0.9	1888	268.889	GST09-3M □□□090C12	242
	5.3	1.5	6.4	1.5	9.5	1.5	1888	268.889	GST11-3M □□□090C12	242
	5.3	3.1	6.4	3.1	9.5	3.1	1888	268.889	GST14-3M □□□090C12	242
	4.4	1.2	5.3	1.2	7.8	1.2	2291	326.333	GST11-3M □□□090C12	242
	4.4	2.6	5.3	2.6	7.8	2.6	2291	326.333	GST14-3M □□□090C12	242
	3.9	1.1	4.8	1.1	7	1.1	2548	363.000	GST11-3M □□□090C12	242
	3.9	2.3	4.8	2.3	7	2.3	2548	363.000	GST14-3M □□□090C12	242
	3.5	1.0	4.2	1.0	6.2	1.0	2896	412.500	GST11-3M □□□090C12	242
	3.5	2.0	4.2	2.0	6.2	2.0	2896	412.500	GST14-3M □□□090C12	242



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				
	897	1.2	1084	1.2	1591	1.0	16	1.600	GST04-1M □□□090C32	230
	897	2.8	1084	2.7	1591	2.4	16	1.600	GST05-1M □□□090C32	230
	701	1.1	847	1.1	1243	1.0	20	2.048	GST04-1M □□□090C32	230
	701	2.6	847	2.5	1243	2.2	20	2.048	GST05-1M □□□090C32	230
	641	1.1	775	1.1	1136	0.9	22	2.240	GST04-1M □□□090C32	230
	641	2.4	775	2.3	1136	2.0	22	2.240	GST05-1M □□□090C32	230
	502	0.9	607	0.9			28	2.857	GST04-1M □□□090C32	230
	502	1.9	607	1.8	891	1.6	28	2.857	GST05-1M □□□090C32	230
	486	1.4	587	1.3	861	1.2	29	2.956	GST04-2M □□□090C32	236
	486	2.2	587	2.1	861	1.9	29	2.956	GST05-2M □□□090C32	236
	431	1.3	521	1.2	764	1.1	32	3.333	GST04-2M □□□090C32	236
	431	2.4	521	2.3	764	2.0	32	3.333	GST05-2M □□□090C32	236
	410	1.6	496	1.5	727	1.3	34	3.500	GST05-1M □□□090C32	230
	410	3.0	496	2.9	727	2.6	34	3.500	GST06-1M □□□090C32	230
	354	1.2	428	1.1	628	1.0	39	4.053	GST04-2M □□□090C32	236
	354	2.1	428	2.0	628	1.7	39	4.053	GST05-2M □□□090C32	236
	315	1.2	381	1.2	559	1.0	45	4.556	GST05-1M □□□090C32	230
	315	2.3	381	2.2	559	2.0	45	4.556	GST06-1M □□□090C32	230
	314	1.1	380	1.0	557	0.9	44	4.571	GST04-2M □□□090C32	236
	314	2.1	380	2.0	557	1.7	44	4.571	GST05-2M □□□090C32	236
	277	1.0	335	1.0	491	0.8	50	5.187	GST04-2M □□□090C32	236
	277	1.8	335	1.7	491	1.5	50	5.187	GST05-2M □□□090C32	236
	257	2.9	311	2.8	456	2.5	55	5.583	GST07-1M □□□090C32	230
	253	1.0	306	0.9	449	0.8	56	5.667	GST05-1M □□□090C32	230
	253	1.9	306	1.8	449	1.6	56	5.667	GST06-1M □□□090C32	230
	245	0.9	297	0.9			57	5.850	GST04-2M □□□090C32	236
	245	1.8	297	1.7	435	1.5	57	5.850	GST05-2M □□□090C32	236
	224	0.9	271	0.9			62	6.400	GST04-2M □□□090C32	236
	224	1.7	271	1.6	398	1.4	62	6.400	GST05-2M □□□090C32	236
	204	0.8					68	7.040	GST04-2M □□□090C32	236
	198	1.5	240	1.5	352	1.3	70	7.238	GST05-2M □□□090C32	236
	196	1.4	237	1.3	347	1.2	72	7.333	GST06-1M □□□090C32	230
	196	2.4	237	2.3	347	2.0	72	7.333	GST07-1M □□□090C32	230
	196	2.9	237	2.8	347	2.5	72	7.333	GST09-1M □□□090C32	230
	176	1.5	213	1.4	312	1.2	79	8.163	GST05-2M □□□090C32	236
	176	3.2	213	3.0	312	2.7	79	8.163	GST06-2M □□□090C32	236
	161	1.0	195	0.9	286	0.8	88	8.900	GST06-1M □□□090C32	230
	161	2.0	195	1.9	286	1.7	88	8.900	GST07-1M □□□090C32	230
	161	2.6	195	2.4	286	2.1	88	8.900	GST09-1M □□□090C32	230
	159	1.4	193	1.3	283	1.1	87	9.010	GST05-2M □□□090C32	236
	159	3.0	193	2.9	283	2.5	87	9.010	GST06-2M □□□090C32	236



GST

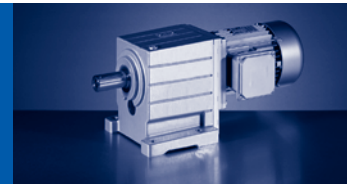
GST [Nm] - MH□MA (IE2)

50 Hz: P_N=1.5 kW

60 Hz: P_N=1.8 kW

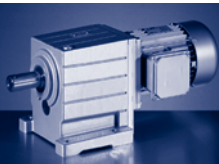
87 Hz: P_N=2.7 kW

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				
	144	1.3	174	1.2	255	1.1	97	10.000	GST05-2M □□□090C32	236
	144	2.8	174	2.7	255	2.3	97	10.000	GST06-2M □□□090C32	236
	128	1.2	155	1.1	227	1.0	109	11.200	GST05-2M □□□090C32	236
	128	1.2	154	1.2	226	1.0	111	11.250	GST07-1M □□□090C32	230
	128	2.0	154	1.9	226	1.7	111	11.250	GST09-1M □□□090C32	230
	128	2.6	155	2.5	227	2.2	109	11.200	GST06-2M □□□090C32	236
	114	2.4	138	2.3	202	2.0	122	12.571	GST06-2M □□□090C32	236
	110	1.1	133	1.0	196	0.9	126	13.016	GST05-2M □□□090C32	236
	100	1.0	121	1.0	177	0.8	139	14.356	GST05-2M □□□090C32	236
	100	2.2	121	2.1	178	1.9	138	14.286	GST06-2M □□□090C32	236
	93	2.1	113	2.1	165	2.0	149	15.400	GST06-2M □□□090C32	236
	89	1.0	107	1.0	157	0.9	157	16.190	GST05-2M □□□090C32	236
	82	0.8	99	0.8			170	17.500	GST05-2M □□□090C32	236
	82	1.9	99	1.9	145	1.8	170	17.500	GST06-2M □□□090C32	236
	72	0.8	87	0.8			194	20.044	GST05-2M □□□090C32	236
	72	1.8	87	1.8	127	1.7	194	20.044	GST06-2M □□□090C32	236
	63	1.4	76	1.4	112	1.4	221	22.778	GST06-2M □□□090C32	236
	63	3.1	76	3.1	112	3.0	221	22.778	GST07-2M □□□090C32	236
	58	1.5	70	1.5	102	1.4	242	24.933	GST06-2M □□□090C32	236
	58	2.9	71	2.9	104	2.8	238	24.567	GST07-2M □□□090C32	236
	51	1.2	61	1.2	90	1.1	274	28.333	GST06-2M □□□090C32	236
	51	2.6	62	2.6	91	2.4	270	27.917	GST07-2M □□□090C32	236
	45	1.2	54	1.2	79	1.1	313	32.267	GST06-2M □□□090C32	236
	45	2.3	54	2.3	79	2.2	313	32.267	GST07-2M □□□090C32	236
	45	2.9	54	2.9	79	2.8	313	32.267	GST09-2M □□□090C32	236
	39	0.9	47	0.9	69	0.9	355	36.667	GST06-2M □□□090C32	236
	39	2.0	47	2.0	69	1.9	355	36.667	GST07-2M □□□090C32	236
	39	2.9	47	2.9	69	2.8	355	36.667	GST09-2M □□□090C32	236
	37	0.9	44	0.9	65	0.8	374	39.200	GST06-3M □□□090C32	242
	37	1.0	44	1.0	65	0.9	379	39.160	GST06-2M □□□090C32	236
	37	1.9	44	1.9	65	1.8	379	39.160	GST07-2M □□□090C32	236
	37	1.9	44	1.9	65	1.8	374	39.200	GST07-3M □□□090C32	242
	37	2.6	44	2.6	65	2.4	379	39.160	GST09-2M □□□090C32	236
	33	1.7	39	1.7	58	1.7	420	44.000	GST07-3M □□□090C32	242
	33	3.1	40	3.1	59	3.1	413	43.267	GST09-3M □□□090C32	242
	32	1.6	39	1.6	57	1.6	431	44.500	GST07-2M □□□090C32	236
	32	2.6	39	2.6	57	2.6	431	44.500	GST09-2M □□□090C32	236
	29	1.3	35	1.3	51	1.3	479	49.500	GST07-2M □□□090C32	236
	29	2.0	35	2.0	51	2.0	479	49.500	GST09-2M □□□090C32	236
	29	3.1	35	3.1	52	3.1	469	49.167	GST09-3M □□□090C32	242
	28	1.4	34	1.4	50	1.4	487	51.022	GST07-3M □□□090C32	242



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				
	27	1.4	32	1.4	47	1.4	514	53.900	GST07-3M □□□090C32	242
	27	2.7	33	2.7	48	2.7	506	53.044	GST09-3M □□□090C32	242
	26	1.3	31	1.3	45	1.3	545	56.250	GST07-2M □□□090C32	236
	26	2.0	31	2.0	45	2.0	545	56.250	GST09-2M □□□090C32	236
	24	2.7	29	2.7	42	2.7	575	60.278	GST09-3M □□□090C32	242
	22	1.1	27	1.1	39	1.1	621	65.079	GST07-3M □□□090C32	242
	21	1.1	25	1.1	36	1.1	669	70.156	GST07-3M □□□090C32	242
	20	2.2	24	2.2	35	2.2	686	71.867	GST09-3M □□□090C32	242
	18	0.9	22	0.9	32	0.9	761	79.762	GST07-3M □□□090C32	242
	18	2.0	21	2.0	31	2.0	779	81.667	GST09-3M □□□090C32	242
	17	0.9	20	0.9	30	0.9	820	85.983	GST07-3M □□□090C32	242
	15	1.7	18	1.7	26	1.7	946	99.167	GST09-3M □□□090C32	242
	15	1.8	19	1.8	27	1.8	892	93.541	GST09-3M □□□090C32	242
	13	1.5	15	1.5	22	1.5	1084	113.585	GST09-3M □□□090C32	242
	11	1.3	13	1.3	20	1.3	1231	129.074	GST09-3M □□□090C32	242
	11	2.3	13	2.3	20	2.3	1231	129.074	GST11-3M □□□090C32	242
	10	1.2	12	1.2	18	1.2	1348	141.289	GST09-3M □□□090C32	242
	9.8	1.9	12	1.9	17	1.9	1402	146.993	GST11-3M □□□090C32	242
	9.1	1.9	11	1.9	16	1.9	1509	158.194	GST11-3M □□□090C32	242
	8.9	1.1	11	1.1	16	1.1	1532	160.556	GST09-3M □□□090C32	242
	8	1.6	9.6	1.6	14	1.6	1719	180.156	GST11-3M □□□090C32	242
	7.9	0.9	9.5	0.9	14	0.9	1744	182.844	GST09-3M □□□090C32	242
	7	2.9	8.5	2.9	12	2.9	1953	204.722	GST14-3M □□□090C32	242
	6.9	0.8	8.4	0.8	12	0.8	1982	207.778	GST09-3M □□□090C32	242
	6.9	1.4	8.4	1.4	12	1.4	1982	207.778	GST11-3M □□□090C32	242
	6.1	1.2	7.3	1.2	11	1.2	2257	236.622	GST11-3M □□□090C32	242
	6.1	2.6	7.3	2.6	11	2.6	2257	236.622	GST14-3M □□□090C32	242
	5.8	2.5	7	2.5	10	2.5	2370	248.458	GST14-3M □□□090C32	242
	5.7	1.2	6.9	1.2	10	1.2	2406	252.167	GST11-3M □□□090C32	242
	5.3	1.1	6.5	1.1	9.5	1.1	2565	268.889	GST11-3M □□□090C32	242
	5.3	2.3	6.5	2.3	9.5	2.3	2565	268.889	GST14-3M □□□090C32	242
	4.4	0.9	5.3	0.9	7.8	0.9	3113	326.333	GST11-3M □□□090C32	242
	4.4	1.9	5.3	1.9	7.8	1.9	3113	326.333	GST14-3M □□□090C32	242
	4	1.7	4.8	1.7	7	1.7	3463	363.000	GST14-3M □□□090C32	242
	3.5	1.5	4.2	1.5	6.2	1.5	3935	412.500	GST14-3M □□□090C32	242



GST

GST [Nm] - MH□MA (IE2)

50 Hz: P_N=2.2 kW

60 Hz: P_N=2.6 kW

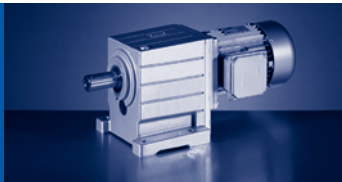
87 Hz: P_N=3.9 kW

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				
	903	2.0	1091	1.9	1597	1.6	23	1.600	GST05-1M □□□100C12	230
	903	2.7	1091	2.6	1597	2.2	23	1.600	GST06-1M □□□100C12	230
	706	1.8	852	1.7	1248	1.5	29	2.048	GST05-1M □□□100C12	230
	706	2.5	852	2.4	1248	2.1	29	2.048	GST06-1M □□□100C12	230
	645	1.7	779	1.6	1141	1.4	32	2.240	GST05-1M □□□100C12	230
	645	2.5	779	2.3	1141	2.1	32	2.240	GST06-1M □□□100C12	230
	506	1.3	611	1.2	894	1.1	41	2.857	GST05-1M □□□100C12	230
	506	2.3	611	2.2	894	1.9	41	2.857	GST06-1M □□□100C12	230
	489	1.5	590	1.4	865	1.3	42	2.956	GST05-2M □□□100C12	236
	434	1.7	524	1.6	767	1.4	47	3.333	GST05-2M □□□100C12	236
	413	1.1	499	1.0	730	0.9	50	3.500	GST05-1M □□□100C12	230
	413	2.1	499	2.0	730	1.8	50	3.500	GST06-1M □□□100C12	230
	357	1.4	431	1.4	630	1.2	57	4.053	GST05-2M □□□100C12	236
	317	1.6	383	1.5	561	1.4	65	4.556	GST06-1M □□□100C12	230
	317	2.9	383	2.7	561	2.4	65	4.556	GST07-1M □□□100C12	230
	316	1.4	382	1.4	559	1.2	65	4.571	GST05-2M □□□100C12	236
	316	3.1	382	2.9	559	2.6	65	4.571	GST06-2M □□□100C12	236
	279	1.2	336	1.2	493	1.0	73	5.187	GST05-2M □□□100C12	236
	271	2.8	328	2.6	480	2.3	75	5.324	GST06-2M □□□100C12	236
	259	2.5	313	2.3	458	2.1	80	5.583	GST07-1M □□□100C12	230
	255	1.3	308	1.2	451	1.1	81	5.667	GST06-1M □□□100C12	230
	247	1.2	298	1.2	437	1.0	83	5.850	GST05-2M □□□100C12	236
	247	2.7	298	2.6	437	2.3	83	5.850	GST06-2M □□□100C12	236
	226	1.2	273	1.1	399	1.0	90	6.400	GST05-2M □□□100C12	236
	226	2.5	273	2.4	399	2.1	90	6.400	GST06-2M □□□100C12	236
	205	2.4	248	2.3	363	2.0	99	7.040	GST06-2M □□□100C12	236
	200	1.1	241	1.0	353	0.9	102	7.238	GST05-2M □□□100C12	236
	197	1.9	238	1.8	348	1.6	105	7.333	GST07-1M □□□100C12	230
	197	2.8	238	2.6	348	2.3	105	7.333	GST09-1M □□□100C12	230
	177	1.0	214	1.0	313	0.8	115	8.163	GST05-2M □□□100C12	236
	177	2.2	214	2.1	313	1.8	115	8.163	GST06-2M □□□100C12	236
	162	1.4	196	1.4	287	1.2	128	8.900	GST07-1M □□□100C12	230
	162	2.3	196	2.2	287	1.9	128	8.900	GST09-1M □□□100C12	230
	160	0.9	194	0.9			127	9.010	GST05-2M □□□100C12	236
	160	2.1	194	2.0	284	1.7	127	9.010	GST06-2M □□□100C12	236
	145	0.9	175	0.8			141	10.000	GST05-2M □□□100C12	236
	145	1.9	175	1.8	256	1.6	141	10.000	GST06-2M □□□100C12	236
	129	0.8					158	11.200	GST05-2M □□□100C12	236
	129	1.8	156	1.7	228	1.5	158	11.200	GST06-2M □□□100C12	236
	128	1.8	155	1.7	227	1.5	161	11.250	GST09-1M □□□100C12	230
	115	1.7	139	1.6	203	1.4	177	12.571	GST06-2M □□□100C12	236



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				
	101	1.5	122	1.5	179	1.3	202	14.286	GST06-2M □□□100C12	236
	101	3.2	122	3.0	179	2.7	202	14.286	GST07-2M □□□100C12	236
	94	1.5	113	1.5	166	1.4	217	15.400	GST06-2M □□□100C12	236
	94	3.0	113	3.0	166	2.8	217	15.400	GST07-2M □□□100C12	236
	83	1.3	100	1.3	146	1.2	247	17.500	GST06-2M □□□100C12	236
	83	2.8	100	2.8	146	2.6	247	17.500	GST07-2M □□□100C12	236
	72	1.2	87	1.2	128	1.2	283	20.044	GST06-2M □□□100C12	236
	72	2.5	87	2.5	128	2.3	283	20.044	GST07-2M □□□100C12	236
	63	1.0	77	1.0	112	0.9	321	22.778	GST06-2M □□□100C12	236
	63	2.1	77	2.1	112	2.0	321	22.778	GST07-2M □□□100C12	236
	59	2.0	71	2.0	104	1.9	347	24.567	GST07-2M □□□100C12	236
	58	1.0	70	1.0	103	1.0	352	24.933	GST06-2M □□□100C12	236
	52	1.8	63	1.8	92	1.7	394	27.917	GST07-2M □□□100C12	236
	45	1.6	54	1.6	79	1.5	455	32.267	GST07-2M □□□100C12	236
	45	2.8	54	2.8	79	2.6	455	32.267	GST09-2M □□□100C12	236
	39	1.4	48	1.4	70	1.3	517	36.667	GST07-2M □□□100C12	236
	39	2.8	48	2.8	70	2.6	517	36.667	GST09-2M □□□100C12	236
	37	1.3	45	1.3	65	1.2	552	39.160	GST07-2M □□□100C12	236
	37	1.3	45	1.3	65	1.2	545	39.200	GST07-3M □□□100C12	242
	37	2.3	45	2.3	65	2.2	552	39.160	GST09-2M □□□100C12	236
	37	2.9	45	2.9	65	2.8	552	39.160	GST11-2M □□□100C12	236
	36	2.4	44	2.4	64	2.3	558	40.136	GST09-3M □□□100C12	242
	33	1.1	39	1.1	57	1.1	628	44.500	GST07-2M □□□100C12	236
	33	1.2	40	1.2	58	1.2	611	44.000	GST07-3M □□□100C12	242
	33	2.2	40	2.2	59	2.2	601	43.267	GST09-3M □□□100C12	242
	33	2.3	39	2.3	57	2.3	628	44.500	GST09-2M □□□100C12	236
	33	2.9	39	2.9	57	2.9	628	44.500	GST11-2M □□□100C12	236
	29	1.8	35	1.8	52	1.8	698	49.500	GST09-2M □□□100C12	236
	29	2.2	36	2.2	52	2.2	683	49.167	GST09-3M □□□100C12	242
	29	2.3	35	2.3	52	2.3	698	49.500	GST11-2M □□□100C12	236
	28	1.0	34	1.0	50	1.0	709	51.022	GST07-3M □□□100C12	242
	27	0.9	32	0.9	47	0.9	749	53.900	GST07-3M □□□100C12	242
	27	1.9	33	1.9	48	1.9	737	53.044	GST09-3M □□□100C12	242
	26	1.8	31	1.8	45	1.8	794	56.250	GST09-2M □□□100C12	236
	26	2.3	31	2.3	45	2.3	794	56.250	GST11-2M □□□100C12	236
	25	3.2	30	3.2	44	3.2	805	57.968	GST11-3M □□□100C12	242
	24	1.9	29	1.9	42	1.9	838	60.278	GST09-3M □□□100C12	242
	24	3.2	29	3.2	42	3.2	851	61.250	GST11-3M □□□100C12	242
	20	1.5	24	1.5	36	1.5	999	71.867	GST09-3M □□□100C12	242
	20	2.7	25	2.7	36	2.7	987	71.011	GST11-3M □□□100C12	242
	18	1.4	21	1.4	31	1.4	1135	81.667	GST09-3M □□□100C12	242



GST

GST [Nm] - MH□MA (IE2)

50 Hz: P_N=2.2 kW

60 Hz: P_N=2.6 kW

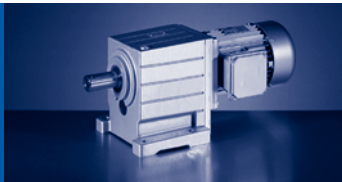
87 Hz: P_N=3.9 kW

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				
	18	2.5	22	2.5	32	2.5	1121	80.694	GST11-3M □□□100C12	242
	17	2.2	20	2.2	29	2.2	1213	87.267	GST11-3M □□□100C12	242
	15	1.2	19	1.2	27	1.2	1300	93.541	GST09-3M □□□100C12	242
	15	1.2	18	1.2	26	1.2	1378	99.167	GST09-3M □□□100C12	242
	15	2.0	18	2.0	26	2.0	1378	99.167	GST11-3M □□□100C12	242
	13	1.0	15	1.0	23	1.0	1578	113.585	GST09-3M □□□100C12	242
	13	1.7	16	1.7	23	1.7	1569	112.933	GST11-3M □□□100C12	242
	11	0.9	14	0.9	20	0.9	1793	129.074	GST09-3M □□□100C12	242
	11	1.6	14	1.6	20	1.6	1793	129.074	GST11-3M □□□100C12	242
	10	0.8	12	0.8	18	0.8	1963	141.289	GST09-3M □□□100C12	242
	10	3.0	13	3.0	18	3.0	1934	139.211	GST14-3M □□□100C12	242
	9.8	1.3	12	1.3	17	1.3	2042	146.993	GST11-3M □□□100C12	242
	9.1	1.3	11	1.3	16	1.3	2198	158.194	GST11-3M □□□100C12	242
	9.1	2.7	11	2.7	16	2.7	2198	158.194	GST14-3M □□□100C12	242
	8.4	2.5	10	2.5	15	2.5	2378	171.111	GST14-3M □□□100C12	242
	8	1.1	9.7	1.1	14	1.1	2503	180.156	GST11-3M □□□100C12	242
	7.1	2.1	8.5	2.1	13	2.1	2845	204.722	GST14-3M □□□100C12	242
	7	1.0	8.4	1.0	12	1.0	2887	207.778	GST11-3M □□□100C12	242
	6.1	0.8	7.4	0.8	11	0.8	3288	236.622	GST11-3M □□□100C12	242
	6.1	1.8	7.4	1.8	11	1.8	3288	236.622	GST14-3M □□□100C12	242
	5.8	1.7	7	1.7	10	1.7	3452	248.458	GST14-3M □□□100C12	242
	5.7	0.8	6.9	0.8	10	0.8	3504	252.167	GST11-3M □□□100C12	242
	5.4	1.6	6.5	1.6	9.5	1.6	3736	268.889	GST14-3M □□□100C12	242
	4.4	1.3	5.4	1.3	7.8	1.3	4534	326.333	GST14-3M □□□100C12	242
	4	1.2	4.8	1.2	7	1.2	5044	363.000	GST14-3M □□□100C12	242
	3.5	1.0	4.2	1.0	6.2	1.0	5731	412.500	GST14-3M □□□100C12	242



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				
	903	1.4	1091	1.4	1597	1.2	31	1.600	GST05-1M □□□100C32	230
	903	2.0	1091	1.9	1597	1.7	31	1.600	GST06-1M □□□100C32	230
	723	3.2	873	3.0	1278	2.7	39	2.000	GST07-1M □□□100C32	230
	706	1.3	852	1.3	1248	1.1	40	2.048	GST05-1M □□□100C32	230
	706	1.8	852	1.7	1248	1.5	40	2.048	GST06-1M □□□100C32	230
	645	1.2	779	1.2	1141	1.0	44	2.240	GST05-1M □□□100C32	230
	645	1.8	779	1.7	1141	1.5	44	2.240	GST06-1M □□□100C32	230
	645	3.1	779	2.9	1141	2.6	44	2.240	GST07-1M □□□100C32	230
	506	1.0	611	0.9			56	2.857	GST05-1M □□□100C32	230
	506	1.7	611	1.6	894	1.4	56	2.857	GST06-1M □□□100C32	230
	506	2.8	611	2.7	894	2.4	56	2.857	GST07-1M □□□100C32	230
	489	1.1	590	1.1	865	0.9	57	2.956	GST05-2M □□□100C32	236
	476	2.9	575	2.7	842	2.4	58	3.033	GST06-2M □□□100C32	236
	434	1.2	524	1.2	767	1.0	64	3.333	GST05-2M □□□100C32	236
	434	2.7	524	2.6	767	2.3	64	3.333	GST06-2M □□□100C32	236
	413	1.5	499	1.5	730	1.3	68	3.500	GST06-1M □□□100C32	230
	413	2.5	499	2.4	730	2.1	68	3.500	GST07-1M □□□100C32	230
	357	1.0	431	1.0	630	0.9	78	4.053	GST05-2M □□□100C32	236
	347	2.4	420	2.3	614	2.0	80	4.160	GST06-2M □□□100C32	236
	317	1.2	383	1.1	561	1.0	89	4.556	GST06-1M □□□100C32	230
	317	2.1	383	2.0	561	1.8	89	4.556	GST07-1M □□□100C32	230
	316	1.0	382	1.0	559	0.9	88	4.571	GST05-2M □□□100C32	236
	316	2.3	382	2.2	559	1.9	88	4.571	GST06-2M □□□100C32	236
	310	3.0	374	2.8	548	2.5	91	4.667	GST09-1M □□□100C32	230
	279	0.9	336	0.9			100	5.187	GST05-2M □□□100C32	236
	271	2.0	328	1.9	480	1.7	102	5.324	GST06-2M □□□100C32	236
	259	1.8	313	1.7	458	1.5	109	5.583	GST07-1M □□□100C32	230
	255	1.0	308	0.9			111	5.667	GST06-1M □□□100C32	230
	255	2.5	308	2.4	451	2.1	111	5.667	GST09-1M □□□100C32	230
	247	0.9	298	0.9			113	5.850	GST05-2M □□□100C32	236
	247	2.0	298	1.9	437	1.7	113	5.850	GST06-2M □□□100C32	236
	226	0.9	273	0.8			123	6.400	GST05-2M □□□100C32	236
	226	1.9	273	1.8	399	1.6	123	6.400	GST06-2M □□□100C32	236
	205	1.7	248	1.7	363	1.5	135	7.040	GST06-2M □□□100C32	236
	197	1.4	238	1.3	348	1.2	143	7.333	GST07-1M □□□100C32	230
	197	2.0	238	1.9	348	1.7	143	7.333	GST09-1M □□□100C32	230
	177	1.6	214	1.5	313	1.3	157	8.163	GST06-2M □□□100C32	236
	164	3.1	198	3.0	290	2.6	169	8.800	GST07-2M □□□100C32	236
	162	1.1	196	1.0	287	0.9	174	8.900	GST07-1M □□□100C32	230
	162	1.7	196	1.6	287	1.4	174	8.900	GST09-1M □□□100C32	230
	160	1.5	194	1.4	284	1.3	173	9.010	GST06-2M □□□100C32	236



GST

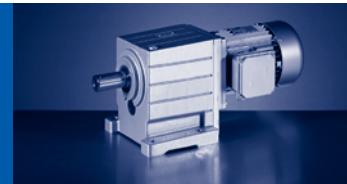
GST [Nm] - MH□MA (IE2)

50 Hz: P_N=3.0 kW

60 Hz: P_N=3.6 kW

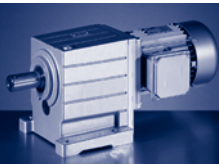
87 Hz: P_N=5.4 kW

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				
	147	2.9	177	2.8	259	2.4	190	9.856	GST07-2M □□□100C32	236
	145	1.4	175	1.3	256	1.2	192	10.000	GST06-2M □□□100C32	236
	129	1.3	156	1.2	228	1.1	215	11.200	GST06-2M □□□100C32	236
	129	2.8	156	2.6	228	2.3	215	11.200	GST07-2M □□□100C32	236
	128	1.3	155	1.3	227	1.1	220	11.250	GST09-1M □□□100C32	230
	115	1.2	139	1.2	203	1.0	242	12.571	GST06-2M □□□100C32	236
	115	2.5	139	2.4	203	2.1	242	12.571	GST07-2M □□□100C32	236
	101	1.1	122	1.1	179	0.9	275	14.286	GST06-2M □□□100C32	236
	101	2.3	122	2.2	179	2.0	275	14.286	GST07-2M □□□100C32	236
	94	1.1	113	1.1	166	1.0	296	15.400	GST06-2M □□□100C32	236
	94	2.2	113	2.2	166	2.1	296	15.400	GST07-2M □□□100C32	236
	83	0.9	100	0.9	146	0.9	337	17.500	GST06-2M □□□100C32	236
	83	2.0	100	2.0	146	1.9	337	17.500	GST07-2M □□□100C32	236
	72	0.9	87	0.9	128	0.9	386	20.044	GST06-2M □□□100C32	236
	72	1.8	87	1.8	128	1.7	386	20.044	GST07-2M □□□100C32	236
	70	3.0	85	3.0	124	2.8	395	20.533	GST09-2M □□□100C32	236
	63	1.6	77	1.6	112	1.5	438	22.778	GST07-2M □□□100C32	236
	62	3.0	75	3.0	110	2.8	449	23.333	GST09-2M □□□100C32	236
	59	1.5	71	1.5	104	1.4	473	24.567	GST07-2M □□□100C32	236
	58	2.5	70	2.5	103	2.4	480	24.933	GST09-2M □□□100C32	236
	52	1.3	63	1.3	92	1.2	537	27.917	GST07-2M □□□100C32	236
	51	2.5	62	2.5	90	2.4	545	28.333	GST09-2M □□□100C32	236
	45	1.1	54	1.1	79	1.1	621	32.267	GST07-2M □□□100C32	236
	45	2.0	54	2.0	79	1.9	621	32.267	GST09-2M □□□100C32	236
	45	2.5	54	2.5	79	2.4	621	32.267	GST11-2M □□□100C32	236
	39	1.0	48	1.0	70	1.0	705	36.667	GST07-2M □□□100C32	236
	39	2.0	48	2.0	70	1.9	705	36.667	GST09-2M □□□100C32	236
	39	2.5	48	2.5	70	2.4	705	36.667	GST11-2M □□□100C32	236
	37	0.9	45	0.9	65	0.9	753	39.160	GST07-2M □□□100C32	236
	37	0.9	45	0.9	65	0.9	743	39.200	GST07-3M □□□100C32	242
	37	1.7	45	1.7	65	1.6	753	39.160	GST09-2M □□□100C32	236
	37	2.1	45	2.1	65	2.0	753	39.160	GST11-2M □□□100C32	236
	36	1.8	44	1.8	64	1.7	760	40.136	GST09-3M □□□100C32	242
	33	0.8	39	0.8	57	0.8	856	44.500	GST07-2M □□□100C32	236
	33	0.9	40	0.9	58	0.9	834	44.000	GST07-3M □□□100C32	242
	33	1.6	40	1.6	59	1.6	820	43.267	GST09-3M □□□100C32	242
	33	1.7	39	1.7	57	1.7	856	44.500	GST09-2M □□□100C32	236
	33	2.1	39	2.1	57	2.1	856	44.500	GST11-2M □□□100C32	236
	33	2.9	40	2.9	58	2.9	834	44.000	GST11-3M □□□100C32	242
	29	1.4	35	1.4	52	1.4	952	49.500	GST09-2M □□□100C32	236
	29	1.6	36	1.6	52	1.6	932	49.167	GST09-3M □□□100C32	242



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				
	29	1.7	35	1.7	52	1.7	952	49.500	GST11-2M □□□100C32	236
	29	2.9	35	2.9	51	2.9	947	50.000	GST11-3M □□□100C32	242
	27	1.4	33	1.4	48	1.4	1005	53.044	GST09-3M □□□100C32	242
	26	1.4	31	1.4	45	1.4	1082	56.250	GST09-2M □□□100C32	236
	26	1.7	31	1.7	45	1.7	1082	56.250	GST11-2M □□□100C32	236
	25	2.4	30	2.4	44	2.4	1098	57.968	GST11-3M □□□100C32	242
	24	1.4	29	1.4	42	1.4	1142	60.278	GST09-3M □□□100C32	242
	24	2.4	29	2.4	42	2.4	1161	61.250	GST11-3M □□□100C32	242
	20	1.1	24	1.1	36	1.1	1362	71.867	GST09-3M □□□100C32	242
	20	2.0	25	2.0	36	2.0	1345	71.011	GST11-3M □□□100C32	242
	18	1.0	21	1.0	31	1.0	1547	81.667	GST09-3M □□□100C32	242
	18	1.8	22	1.8	32	1.8	1529	80.694	GST11-3M □□□100C32	242
	17	1.6	20	1.6	29	1.6	1653	87.267	GST11-3M □□□100C32	242
	15	0.9	19	0.9	27	0.9	1772	93.541	GST09-3M □□□100C32	242
	15	0.9	18	0.9	26	0.9	1879	99.167	GST09-3M □□□100C32	242
	15	1.5	18	1.5	26	1.5	1879	99.167	GST11-3M □□□100C32	242
	15	3.0	19	3.0	27	3.0	1772	93.541	GST14-3M □□□100C32	242
	14	2.9	16	2.9	24	2.9	2014	106.296	GST14-3M □□□100C32	242
	13	1.3	16	1.3	23	1.3	2140	112.933	GST11-3M □□□100C32	242
	11	1.2	14	1.2	20	1.2	2446	129.074	GST11-3M □□□100C32	242
	11	2.4	13	2.4	20	2.4	2468	130.278	GST14-3M □□□100C32	242
	10	2.2	13	2.2	18	2.2	2638	139.211	GST14-3M □□□100C32	242
	9.8	1.0	12	1.0	17	1.0	2785	146.993	GST11-3M □□□100C32	242
	9.1	0.9	11	0.9	16	0.9	2997	158.194	GST11-3M □□□100C32	242
	9.1	2.0	11	2.0	16	2.0	2997	158.194	GST14-3M □□□100C32	242
	8.4	1.8	10	1.8	15	1.8	3242	171.111	GST14-3M □□□100C32	242
	7.1	1.5	8.5	1.5	13	1.5	3879	204.722	GST14-3M □□□100C32	242
	6.1	1.3	7.4	1.3	11	1.3	4483	236.622	GST14-3M □□□100C32	242
	5.8	1.3	7	1.3	10	1.3	4708	248.458	GST14-3M □□□100C32	242
	5.4	1.2	6.5	1.2	9.5	1.2	5095	268.889	GST14-3M □□□100C32	242
	4.4	1.0	5.4	1.0	7.8	1.0	6183	326.333	GST14-3M □□□100C32	242
	4	0.8	4.8	0.8	7	0.8	6878	363.000	GST14-3M □□□100C32	242



GST

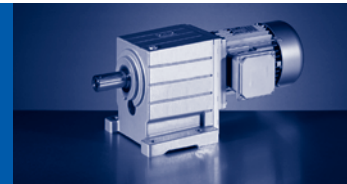
GST [Nm] - MH□MA (IE2)

50 Hz: P_N=4.0 kW

60 Hz: P_N=4.8 kW

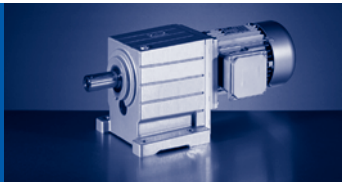
87 Hz: P_N=7.1 kW

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				
	909	1.5	1097	1.4	1603	1.2	41	1.600	GST06-1M □□□112C22	230
	895	2.5	1080	2.4	1579	2.1	42	1.625	GST07-1M □□□112C22	230
	728	2.4	878	2.3	1283	2.0	52	2.000	GST07-1M □□□112C22	230
	711	1.4	857	1.3	1253	1.1	53	2.048	GST06-1M □□□112C22	230
	650	1.4	784	1.3	1145	1.1	58	2.240	GST06-1M □□□112C22	230
	650	2.3	784	2.2	1145	1.9	58	2.240	GST07-1M □□□112C22	230
	509	1.3	614	1.2	898	1.1	74	2.857	GST06-1M □□□112C22	230
	509	2.2	614	2.0	898	1.8	74	2.857	GST07-1M □□□112C22	230
	480	2.2	579	2.0	846	1.8	77	3.033	GST06-2M □□□112C22	236
	437	2.1	527	1.9	770	1.7	85	3.333	GST06-2M □□□112C22	236
	416	1.2	501	1.1	733	1.0	91	3.500	GST06-1M □□□112C22	230
	416	1.9	501	1.8	733	1.6	91	3.500	GST07-1M □□□112C22	230
	350	1.8	422	1.7	617	1.5	106	4.160	GST06-2M □□□112C22	236
	319	1.6	385	1.5	563	1.3	118	4.556	GST07-1M □□□112C22	230
	318	1.7	384	1.6	561	1.4	116	4.571	GST06-2M □□□112C22	236
	312	2.6	376	2.4	550	2.1	121	4.667	GST09-1M □□□112C22	230
	280	3.2	338	3.1	493	2.7	132	5.200	GST07-2M □□□112C22	236
	273	1.5	330	1.5	482	1.3	136	5.324	GST06-2M □□□112C22	236
	261	1.4	314	1.3	459	1.1	144	5.583	GST07-1M □□□112C22	230
	257	2.2	310	2.1	453	1.8	147	5.667	GST09-1M □□□112C22	230
	255	3.1	307	2.9	449	2.6	146	5.714	GST07-2M □□□112C22	236
	249	1.5	300	1.4	438	1.2	149	5.850	GST06-2M □□□112C22	236
	227	1.4	274	1.3	401	1.2	163	6.400	GST06-2M □□□112C22	236
	227	2.8	274	2.7	401	2.4	163	6.400	GST07-2M □□□112C22	236
	207	1.3	249	1.3	364	1.1	179	7.040	GST06-2M □□□112C22	236
	204	2.7	246	2.6	359	2.2	182	7.150	GST07-2M □□□112C22	236
	198	1.8	239	1.7	350	1.5	190	7.333	GST09-1M □□□112C22	230
	179	2.6	216	2.5	316	2.2	207	8.125	GST07-2M □□□112C22	236
	178	1.2	215	1.2	314	1.0	208	8.163	GST06-2M □□□112C22	236
	165	2.4	199	2.2	292	2.0	224	8.800	GST07-2M □□□112C22	236
	164	1.5	197	1.4	288	1.2	230	8.900	GST09-1M □□□112C22	230
	162	1.1	195	1.1	285	1.0	230	9.010	GST06-2M □□□112C22	236
	148	2.2	178	2.1	260	1.8	251	9.856	GST07-2M □□□112C22	236
	146	1.1	176	1.0	257	0.9	255	10.000	GST06-2M □□□112C22	236
	130	1.0	157	0.9	229	0.8	285	11.200	GST06-2M □□□112C22	236
	130	2.1	157	2.0	229	1.8	285	11.200	GST07-2M □□□112C22	236
	116	0.9	140	0.9			320	12.571	GST06-2M □□□112C22	236
	116	1.9	140	1.8	204	1.6	320	12.571	GST07-2M □□□112C22	236
	102	0.8					364	14.286	GST06-2M □□□112C22	236
	102	1.8	123	1.7	180	1.5	364	14.286	GST07-2M □□□112C22	236
	95	0.8	114	0.8			392	15.400	GST06-2M □□□112C22	236



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				
	95	1.6	114	1.6	167	1.6	392	15.400	GST07-2M □□□112C22	236
	85	3.1	102	3.1	149	3.0	439	17.222	GST09-2M □□□112C22	236
	83	1.5	100	1.5	147	1.5	446	17.500	GST07-2M □□□112C22	236
	73	1.4	88	1.4	128	1.3	511	20.044	GST07-2M □□□112C22	236
	71	2.6	86	2.6	125	2.4	523	20.533	GST09-2M □□□112C22	236
	64	1.2	77	1.2	113	1.1	580	22.778	GST07-2M □□□112C22	236
	62	2.5	75	2.5	110	2.4	594	23.333	GST09-2M □□□112C22	236
	59	1.1	71	1.1	104	1.1	626	24.567	GST07-2M □□□112C22	236
	58	2.2	70	2.2	103	2.1	635	24.933	GST09-2M □□□112C22	236
	58	2.7	70	2.7	103	2.6	635	24.933	GST11-2M □□□112C22	236
	52	1.0	63	1.0	92	0.9	711	27.917	GST07-2M □□□112C22	236
	51	2.1	62	2.1	91	2.0	722	28.333	GST09-2M □□□112C22	236
	51	2.7	62	2.7	91	2.6	722	28.333	GST11-2M □□□112C22	236
	45	1.7	54	1.7	80	1.7	822	32.267	GST09-2M □□□112C22	236
	45	2.2	54	2.2	80	2.1	822	32.267	GST11-2M □□□112C22	236
	45	2.7	54	2.7	80	2.6	822	32.267	GST14-2M □□□112C22	236
	40	1.6	48	1.6	70	1.6	934	36.667	GST09-2M □□□112C22	236
	40	2.2	48	2.2	70	2.1	934	36.667	GST11-2M □□□112C22	236
	40	2.7	48	2.7	70	2.6	934	36.667	GST14-2M □□□112C22	236
	37	1.5	45	1.5	66	1.4	997	39.160	GST09-2M □□□112C22	236
	37	1.8	45	1.8	66	1.7	997	39.160	GST11-2M □□□112C22	236
	37	2.3	45	2.3	66	2.2	997	39.160	GST14-2M □□□112C22	236
	36	1.3	44	1.3	64	1.3	1007	40.136	GST09-3M □□□112C22	242
	36	2.5	43	2.5	63	2.4	1024	40.816	GST11-3M □□□112C22	242
	34	1.2	41	1.2	59	1.2	1086	43.267	GST09-3M □□□112C22	242
	33	1.4	39	1.4	58	1.4	1133	44.500	GST09-2M □□□112C22	236
	33	1.8	39	1.8	58	1.8	1133	44.500	GST11-2M □□□112C22	236
	33	2.2	40	2.2	58	2.2	1104	44.000	GST11-3M □□□112C22	242
	33	2.3	39	2.3	58	2.3	1133	44.500	GST14-2M □□□112C22	236
	30	1.2	36	1.2	52	1.2	1234	49.167	GST09-3M □□□112C22	242
	29	1.5	36	1.5	52	1.5	1261	49.500	GST11-2M □□□112C22	236
	29	1.8	36	1.8	52	1.8	1261	49.500	GST14-2M □□□112C22	236
	29	2.2	35	2.2	51	2.2	1254	50.000	GST11-3M □□□112C22	242
	27	1.0	33	1.0	48	1.0	1331	53.044	GST09-3M □□□112C22	242
	26	1.5	31	1.5	46	1.5	1433	56.250	GST11-2M □□□112C22	236
	26	1.8	31	1.8	46	1.8	1433	56.250	GST14-2M □□□112C22	236
	25	1.8	30	1.8	44	1.8	1454	57.968	GST11-3M □□□112C22	242
	24	1.0	29	1.0	43	1.0	1512	60.278	GST09-3M □□□112C22	242
	24	1.8	29	1.8	42	1.8	1537	61.250	GST11-3M □□□112C22	242
	21	1.5	25	1.5	36	1.5	1782	71.011	GST11-3M □□□112C22	242
	21	2.8	25	2.8	37	2.8	1732	69.042	GST14-3M □□□112C22	242



GST

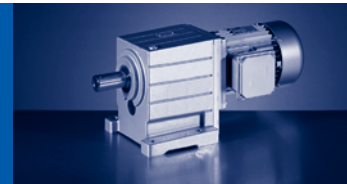
GST [Nm] - MH□MA (IE2)

50 Hz: $P_N=4.0$ kW

60 Hz: $P_N=4.8$ kW

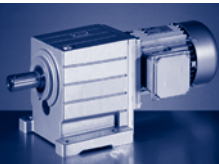
87 Hz: $P_N=7.1$ kW

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				
	20	0.8	24	0.8	36	0.8	1803	71.867	GST09-3M □□□112C22	242
	19	2.8	22	2.8	33	2.8	1968	78.457	GST14-3M □□□112C22	242
	18	1.4	22	1.4	32	1.4	2025	80.694	GST11-3M □□□112C22	242
	17	1.2	20	1.2	29	1.2	2189	87.267	GST11-3M □□□112C22	242
	16	2.4	19	2.4	27	2.4	2347	93.541	GST14-3M □□□112C22	242
	15	1.1	18	1.1	26	1.1	2488	99.167	GST11-3M □□□112C22	242
	15	2.4	18	2.4	27	2.4	2413	96.157	GST14-3M □□□112C22	242
	14	2.2	17	2.2	24	2.2	2667	106.296	GST14-3M □□□112C22	242
	13	1.0	16	1.0	23	1.0	2833	112.933	GST11-3M □□□112C22	242
	11	0.9	14	0.9	20	0.9	3238	129.074	GST11-3M □□□112C22	242
	11	1.6	13	1.6	18	1.6	3493	139.211	GST14-3M □□□112C22	242
	11	1.8	14	1.8	20	1.8	3269	130.278	GST14-3M □□□112C22	242
	9.2	1.5	11	1.5	16	1.5	3969	158.194	GST14-3M □□□112C22	242
	8.5	1.4	10	1.4	15	1.4	4293	171.111	GST14-3M □□□112C22	242
	7.1	1.2	8.6	1.2	13	1.2	5136	204.722	GST14-3M □□□112C22	242
	6.2	1.0	7.4	1.0	11	1.0	5937	236.622	GST14-3M □□□112C22	242
	5.9	1.0	7.1	1.0	10	1.0	6234	248.458	GST14-3M □□□112C22	242
	5.4	0.9	6.5	0.9	9.5	0.9	6746	268.889	GST14-3M □□□112C22	242



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				
	905	1.9	1089	1.8	1588	1.6	57	1.625	GST07-1M □□□132C12	230
	735	1.8	885	1.7	1290	1.5	70	2.000	GST07-1M □□□132C12	230
	656	1.7	790	1.6	1152	1.4	79	2.240	GST07-1M □□□132C12	230
	515	1.6	620	1.5	903	1.3	101	2.857	GST07-1M □□□132C12	230
	485	1.6	584	1.5	851	1.3	105	3.033	GST06-2M□□□132C12	236
	482	3.3	581	3.2	846	2.8	106	3.048	GST07-2M □□□132C12	236
	441	1.5	531	1.4	774	1.3	116	3.333	GST06-2M□□□132C12	236
	439	3.2	528	3.0	770	2.6	116	3.350	GST07-2M □□□132C12	236
	420	1.4	506	1.3	737	1.2	123	3.500	GST07-1M □□□132C12	230
	353	1.3	426	1.3	620	1.1	144	4.160	GST06-2M□□□132C12	236
	348	2.7	419	2.6	611	2.3	147	4.225	GST07-2M □□□132C12	236
	322	1.3	387	1.2	564	1.1	159	4.571	GST06-2M□□□132C12	236
	317	2.6	381	2.4	556	2.2	161	4.643	GST07-2M □□□132C12	236
	315	2.3	379	2.2	553	1.9	164	4.667	GST09-1M □□□132C12	230
	283	2.4	340	2.2	496	2.0	180	5.200	GST07-2M □□□132C12	236
	276	1.1	333	1.1	485	0.9	185	5.324	GST06-2M□□□132C12	236
	259	2.3	312	2.2	455	2.0	199	5.667	GST09-1M □□□132C12	230
	257	2.3	310	2.1	452	1.9	198	5.714	GST07-2M □□□132C12	236
	251	1.1	303	1.0	441	0.9	203	5.850	GST06-2M□□□132C12	236
	230	1.0	277	1.0	403	0.9	222	6.400	GST06-2M□□□132C12	236
	230	2.1	277	2.0	403	1.7	222	6.400	GST07-2M □□□132C12	236
	209	1.0	251	0.9	367	0.8	244	7.040	GST06-2M□□□132C12	236
	206	2.0	248	1.9	361	1.6	248	7.150	GST07-2M □□□132C12	236
	181	1.9	218	1.8	318	1.6	282	8.125	GST07-2M □□□132C12	236
	180	0.9	217	0.8			283	8.163	GST06-2M□□□132C12	236
	167	1.7	201	1.6	293	1.4	305	8.800	GST07-2M □□□132C12	236
	163	0.8					312	9.010	GST06-2M□□□132C12	236
	149	1.6	180	1.5	262	1.3	342	9.856	GST07-2M □□□132C12	236
	131	1.5	158	1.5	230	1.3	388	11.200	GST07-2M □□□132C12	236
	126	3.0	152	2.8	221	2.5	404	11.667	GST09-2M □□□132C12	236
	119	2.9	143	2.8	209	2.4	429	12.362	GST09-2M □□□132C12	236
	117	1.4	141	1.3	205	1.2	436	12.571	GST07-2M □□□132C12	236
	105	2.6	126	2.5	184	2.2	487	14.048	GST09-2M □□□132C12	236
	103	1.3	124	1.2	181	1.1	495	14.286	GST07-2M □□□132C12	236
	97	2.6	117	2.6	170	2.4	525	15.156	GST09-2M □□□132C12	236
	96	1.2	115	1.2	168	1.1	534	15.400	GST07-2M □□□132C12	236
	85	2.3	103	2.3	150	2.2	597	17.222	GST09-2M □□□132C12	236
	84	1.1	101	1.1	147	1.1	607	17.500	GST07-2M □□□132C12	236
	72	2.1	86	2.1	126	2.0	712	20.533	GST09-2M □□□132C12	236
	63	1.9	76	1.9	111	1.8	809	23.333	GST09-2M □□□132C12	236
	59	1.8	71	1.8	104	1.7	864	24.933	GST09-2M □□□132C12	236



GST

GST [Nm] - MH□MA (IE2)

50 Hz: P_N=5.5 kW

60 Hz: P_N=6.6 kW

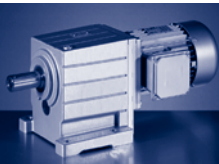
87 Hz: P_N=9.7 kW

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				
	59	3.2	71	3.2	104	3.1	864	24.933	GST11-2M □□□132C12	236
	52	1.6	63	1.6	91	1.5	982	28.333	GST09-2M □□□132C12	236
	52	3.0	63	3.0	91	2.8	982	28.333	GST11-2M □□□132C12	236
	46	2.5	55	2.5	80	2.4	1119	32.267	GST11-2M □□□132C12	236
	40	2.3	48	2.3	70	2.2	1271	36.667	GST11-2M □□□132C12	236
	38	2.1	45	2.1	66	2.0	1358	39.160	GST11-2M □□□132C12	236
	36	1.8	43	1.8	63	1.7	1394	40.816	GST11-3M □□□132C12	242
	35	2.9	42	2.9	61	2.9	1454	42.580	GST14-3M □□□132C12	242
	33	1.6	40	1.6	59	1.6	1502	44.000	GST11-3M □□□132C12	242
	33	1.9	40	1.9	58	1.9	1543	44.500	GST11-2M □□□132C12	236
	30	2.5	36	2.5	52	2.5	1716	49.500	GST14-2M □□□132C12	236
	30	2.9	37	2.9	53	2.9	1652	48.386	GST14-3M □□□132C12	242
	29	1.6	35	1.6	52	1.6	1707	50.000	GST11-3M □□□132C12	242
	28	2.6	33	2.6	49	2.6	1815	53.148	GST14-3M □□□132C12	242
	26	2.5	32	2.5	46	2.5	1950	56.250	GST14-2M □□□132C12	236
	25	1.3	31	1.3	45	1.3	1979	57.968	GST11-3M □□□132C12	242
	25	2.6	30	2.6	44	2.6	2026	59.321	GST14-3M □□□132C12	242
	24	1.3	29	1.3	42	1.3	2091	61.250	GST11-3M □□□132C12	242
	21	1.1	25	1.1	36	1.1	2425	71.011	GST11-3M □□□132C12	242
	21	2.1	26	2.1	37	2.1	2357	69.042	GST14-3M □□□132C12	242
	19	2.1	23	2.1	33	2.1	2679	78.457	GST14-3M □□□132C12	242
	18	1.0	22	1.0	32	1.0	2755	80.694	GST11-3M □□□132C12	242
	17	0.9	20	0.9	30	0.9	2980	87.267	GST11-3M □□□132C12	242
	16	1.7	19	1.7	28	1.7	3194	93.541	GST14-3M □□□132C12	242
	15	0.8	18	0.8	26	0.8	3386	99.167	GST11-3M □□□132C12	242
	15	1.8	18	1.8	27	1.8	3283	96.157	GST14-3M □□□132C12	242
	14	1.6	17	1.6	24	1.6	3630	106.296	GST14-3M □□□132C12	242
	11	1.2	13	1.2	19	1.2	4753	139.211	GST14-3M □□□132C12	242
	11	1.3	14	1.3	20	1.3	4448	130.278	GST14-3M □□□132C12	242
	9.3	1.1	11	1.1	16	1.1	5402	158.194	GST14-3M □□□132C12	242
	8.6	1.0	10	1.0	15	1.0	5843	171.111	GST14-3M □□□132C12	242



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				
	899	1.4	1083	1.3	1582	1.1	79	1.625	GST07-1M □□□132C22	230
	730	1.3	880	1.2	1285	1.1	97	2.000	GST07-1M □□□132C22	230
	652	1.2	786	1.2	1147	1.0	108	2.240	GST07-1M □□□132C22	230
	520	3.1	626	2.9	915	2.6	136	2.810	GST09-1M □□□132C22	230
	511	1.2	616	1.1	900	1.0	138	2.857	GST07-1M □□□132C22	230
	481	1.2	580	1.1	847	1.0	144	3.033	GST06-2M□□□132C22	236
	479	2.4	577	2.3	843	2.0	145	3.048	GST07-2M □□□132C22	236
	438	1.1	528	1.0	771	0.9	159	3.333	GST06-2M□□□132C22	236
	436	2.3	525	2.2	767	1.9	159	3.350	GST07-2M □□□132C22	236
	424	2.7	511	2.5	746	2.2	166	3.444	GST09-1M □□□132C22	230
	417	1.0	503	1.0	734	0.9	169	3.500	GST07-1M □□□132C22	230
	351	1.0	423	0.9	618	0.8	198	4.160	GST06-2M□□□132C22	236
	346	2.0	417	1.9	608	1.7	201	4.225	GST07-2M □□□132C22	236
	319	0.9	385	0.9			218	4.571	GST06-2M□□□132C22	236
	315	1.9	379	1.8	554	1.6	221	4.643	GST07-2M □□□132C22	236
	313	1.7	377	1.6	551	1.4	226	4.667	GST09-1M □□□132C22	230
	281	1.7	339	1.6	494	1.4	248	5.200	GST07-2M □□□132C22	236
	274	0.8					253	5.324	GST06-2M□□□132C22	236
	258	1.7	311	1.6	454	1.4	274	5.667	GST09-1M □□□132C22	230
	256	1.7	308	1.6	450	1.4	272	5.714	GST07-2M □□□132C22	236
	228	1.5	275	1.4	402	1.3	305	6.400	GST07-2M □□□132C22	236
	204	1.4	246	1.4	359	1.2	340	7.150	GST07-2M □□□132C22	236
	200	3.2	241	3.0	352	2.7	348	7.305	GST09-2M □□□132C22	236
	182	3.0	219	2.8	320	2.5	382	8.027	GST09-2M □□□132C22	236
	180	1.4	217	1.3	316	1.2	387	8.125	GST07-2M □□□132C22	236
	166	1.3	200	1.2	292	1.1	419	8.800	GST07-2M □□□132C22	236
	162	2.6	195	2.5	285	2.2	429	9.010	GST09-2M □□□132C22	236
	148	1.2	179	1.1	261	1.0	469	9.856	GST07-2M □□□132C22	236
	142	2.4	171	2.3	250	2.0	489	10.267	GST09-2M □□□132C22	236
	130	1.1	157	1.1	230	0.9	533	11.200	GST07-2M □□□132C22	236
	125	2.2	151	2.1	220	1.8	555	11.667	GST09-2M □□□132C22	236
	118	2.1	142	2.0	208	1.8	588	12.362	GST09-2M □□□132C22	236
	116	1.0	140	1.0	204	0.8	598	12.571	GST07-2M □□□132C22	236
	104	1.9	125	1.8	183	1.6	669	14.048	GST09-2M □□□132C22	236
	102	0.9	123	0.9			680	14.286	GST07-2M □□□132C22	236
	96	1.9	116	1.9	170	1.8	721	15.156	GST09-2M □□□132C22	236
	95	0.9	114	0.9	167	0.8	733	15.400	GST07-2M □□□132C22	236
	85	1.7	102	1.7	149	1.6	820	17.222	GST09-2M □□□132C22	236
	83	0.8	101	0.8			833	17.500	GST07-2M □□□132C22	236
	72	2.9	87	2.9	127	2.7	966	20.289	GST11-2M □□□132C22	236
	71	1.5	86	1.5	125	1.4	977	20.533	GST09-2M □□□132C22	236

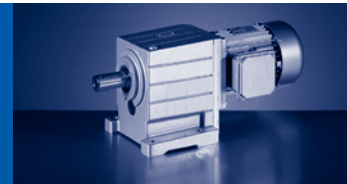


GST

GST [Nm] - MH□MA (IE2)

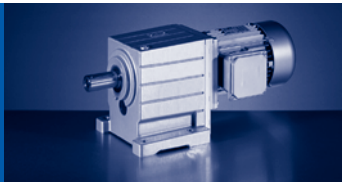
50 Hz: P_N=7.5 kW
60 Hz: P_N=9.0 kW
87 Hz: P_N=13.2 kW

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				
	63	1.4	75	1.4	110	1.3	1111	23.333	GST09-2M □□□132C22	236
	63	2.7	76	2.7	112	2.5	1097	23.056	GST11-2M □□□132C22	236
	59	1.3	71	1.3	103	1.3	1187	24.933	GST09-2M □□□132C22	236
	59	2.3	71	2.3	103	2.2	1187	24.933	GST11-2M □□□132C22	236
	52	1.1	62	1.1	91	1.1	1349	28.333	GST09-2M □□□132C22	236
	52	2.2	62	2.2	91	2.1	1349	28.333	GST11-2M □□□132C22	236
	45	1.8	55	1.8	80	1.7	1536	32.267	GST11-2M □□□132C22	236
	45	3.1	55	3.1	80	2.9	1536	32.267	GST14-2M □□□132C22	236
	40	1.7	48	1.7	70	1.6	1745	36.667	GST11-2M □□□132C22	236
	40	3.1	48	3.1	70	2.9	1745	36.667	GST14-2M □□□132C22	236
	37	1.5	45	1.5	66	1.4	1864	39.160	GST11-2M □□□132C22	236
	37	2.6	45	2.6	66	2.5	1864	39.160	GST14-2M □□□132C22	236
	36	1.3	43	1.3	63	1.3	1914	40.816	GST11-3M □□□132C22	242
	36	2.4	44	2.4	64	2.3	1884	40.185	GST14-3M □□□132C22	242
	34	2.1	41	2.1	60	2.1	1996	42.580	GST14-3M □□□132C22	242
	33	1.2	40	1.2	58	1.2	2063	44.000	GST11-3M □□□132C22	242
	33	1.4	40	1.4	58	1.4	2118	44.500	GST11-2M □□□132C22	236
	33	2.6	40	2.6	58	2.6	2118	44.500	GST14-2M □□□132C22	236
	30	1.9	36	1.9	52	1.9	2356	49.500	GST14-2M □□□132C22	236
	30	2.1	36	2.1	53	2.1	2268	48.386	GST14-3M □□□132C22	242
	29	1.2	35	1.2	51	1.2	2344	50.000	GST11-3M □□□132C22	242
	28	1.9	33	1.9	48	1.9	2492	53.148	GST14-3M □□□132C22	242
	26	1.9	31	1.9	46	1.9	2677	56.250	GST14-2M □□□132C22	236
	25	1.0	30	1.0	44	1.0	2718	57.968	GST11-3M □□□132C22	242
	25	1.9	30	1.9	43	1.9	2781	59.321	GST14-3M □□□132C22	242
	24	1.0	29	1.0	42	1.0	2871	61.250	GST11-3M □□□132C22	242
	21	1.5	26	1.5	37	1.5	3237	69.042	GST14-3M □□□132C22	242
	19	1.5	22	1.5	33	1.5	3678	78.457	GST14-3M □□□132C22	242
	16	1.3	19	1.3	28	1.3	4385	93.541	GST14-3M □□□132C22	242
	15	1.3	18	1.3	27	1.3	4508	96.157	GST14-3M □□□132C22	242
	14	1.2	17	1.2	24	1.2	4983	106.296	GST14-3M □□□132C22	242
	11	0.9	13	0.9	19	0.9	6526	139.211	GST14-3M □□□132C22	242
	11	1.0	14	1.0	20	1.0	6107	130.278	GST14-3M □□□132C22	242



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				
	942	2.5	1135	2.4	1654	2.1	110	1.560	GST09-1M □□□160C22	230
	905	0.9	1089	0.9			114	1.625	GST07-1M □□□160C22	230
	735	0.9	885	0.8			141	2.000	GST07-1M □□□160C22	230
	718	2.4	864	2.2	1260	2.0	144	2.048	GST09-1M □□□160C22	230
	656	0.9	790	0.8			158	2.240	GST07-1M □□□160C22	230
	630	2.3	759	2.1	1106	1.9	164	2.333	GST09-1M □□□160C22	230
	523	2.1	630	2.0	918	1.8	198	2.810	GST09-1M □□□160C22	230
	482	1.7	581	1.6	846	1.4	211	3.048	GST07-2M □□□160C22	236
	439	1.6	528	1.5	770	1.3	232	3.350	GST07-2M □□□160C22	236
	427	1.8	514	1.7	749	1.5	242	3.444	GST09-1M □□□160C22	230
	362	3.1	436	3.0	636	2.6	281	4.056	GST09-2M □□□160C22	236
	348	1.4	419	1.3	611	1.1	293	4.225	GST07-2M □□□160C22	236
	330	3.0	397	2.9	579	2.5	309	4.457	GST09-2M □□□160C22	236
	317	1.3	381	1.2	556	1.1	322	4.643	GST07-2M □□□160C22	236
	283	1.2	340	1.1	496	1.0	361	5.200	GST07-2M □□□160C22	236
	276	2.7	333	2.6	485	2.3	369	5.324	GST09-2M □□□160C22	236
	257	1.1	310	1.1	452	0.9	396	5.714	GST07-2M □□□160C22	236
	251	2.5	303	2.4	441	2.1	406	5.850	GST09-2M □□□160C22	236
	230	1.0	277	1.0	403	0.9	444	6.400	GST07-2M □□□160C22	236
	221	2.3	266	2.2	387	1.9	462	6.667	GST09-2M □□□160C22	236
	206	1.0	248	0.9	361	0.8	496	7.150	GST07-2M □□□160C22	236
	201	2.2	242	2.1	353	1.8	506	7.305	GST09-2M □□□160C22	236
	183	2.0	221	1.9	321	1.7	557	8.027	GST09-2M □□□160C22	236
	181	1.0	218	0.9			563	8.125	GST07-2M □□□160C22	236
	167	0.9	201	0.8			610	8.800	GST07-2M □□□160C22	236
	163	1.8	197	1.7	286	1.5	625	9.010	GST09-2M □□□160C22	236
	149	0.8					683	9.856	GST07-2M □□□160C22	236
	143	1.7	172	1.6	251	1.4	712	10.267	GST09-2M □□□160C22	236
	131	3.1	158	2.9	230	2.6	777	11.200	GST11-2M □□□160C22	236
	126	1.5	152	1.4	221	1.2	809	11.667	GST09-2M □□□160C22	236
	119	1.5	143	1.4	209	1.2	857	12.362	GST09-2M □□□160C22	236
	117	2.9	141	2.7	205	2.4	872	12.571	GST11-2M □□□160C22	236
	105	1.3	126	1.3	184	1.1	974	14.048	GST09-2M □□□160C22	236
	103	2.6	124	2.5	181	2.2	990	14.286	GST11-2M □□□160C22	236
	97	1.3	117	1.3	170	1.2	1051	15.156	GST09-2M □□□160C22	236
	96	2.5	115	2.5	168	2.4	1068	15.400	GST11-2M □□□160C22	236
	85	1.2	103	1.2	150	1.1	1194	17.222	GST09-2M □□□160C22	236
	84	2.3	101	2.3	147	2.2	1213	17.500	GST11-2M □□□160C22	236
	73	2.0	87	2.0	127	1.9	1407	20.289	GST11-2M □□□160C22	236
	65	3.2	78	3.2	113	3.0	1579	22.778	GST14-2M □□□160C22	236
	64	1.8	77	1.8	112	1.7	1598	23.056	GST11-2M □□□160C22	236



GST

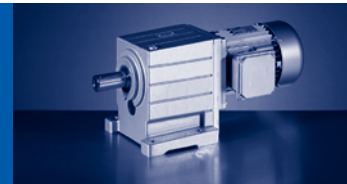
GST [Nm] - MH□MA (IE2)

50 Hz: P_N=11.0 kW

60 Hz: P_N=13.2 kW

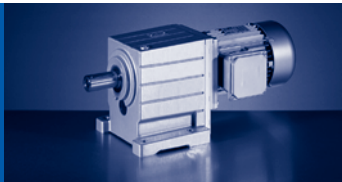
87 Hz: P_N=19.4 kW

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				
	60	3.1	72	3.1	105	2.9	1703	24.567	GST14-2M □□□160C22	236
	59	1.6	71	1.6	104	1.5	1729	24.933	GST11-2M □□□160C22	236
	53	2.8	63	2.8	92	2.6	1936	27.917	GST14-2M □□□160C22	236
	52	1.5	63	1.5	91	1.4	1964	28.333	GST11-2M □□□160C22	236
	46	2.4	55	2.4	80	2.3	2237	32.267	GST14-2M □□□160C22	236
	40	2.3	48	2.3	70	2.2	2542	36.667	GST14-2M □□□160C22	236
	38	2.0	45	2.0	66	1.9	2715	39.160	GST14-2M □□□160C22	236
	37	1.6	44	1.6	64	1.6	2744	40.185	GST14-3M □□□160C22	242
	35	1.5	42	1.5	61	1.5	2908	42.580	GST14-3M □□□160C22	242
	33	1.9	40	1.9	58	1.9	3085	44.500	GST14-2M □□□160C22	236
	30	1.5	37	1.5	53	1.5	3304	48.386	GST14-3M □□□160C22	242
	28	1.3	33	1.3	49	1.3	3630	53.148	GST14-3M □□□160C22	242
	25	1.3	30	1.3	44	1.3	4051	59.321	GST14-3M □□□160C22	242
	21	1.0	26	1.0	37	1.0	4715	69.042	GST14-3M □□□160C22	242
	19	1.0	23	1.0	33	1.0	5358	78.457	GST14-3M □□□160C22	242
	15	0.9	18	0.9	27	0.9	6567	96.157	GST14-3M □□□160C22	242



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				
	942	1.9	1135	1.8	1654	1.5	150	1.560	GST09-1M □□□160C32	230
	718	1.7	864	1.6	1260	1.4	197	2.048	GST09-1M □□□160C32	230
	630	1.7	759	1.6	1106	1.4	224	2.333	GST09-1M □□□160C32	230
	523	1.6	630	1.5	918	1.3	270	2.810	GST09-1M □□□160C32	230
	482	1.2	581	1.2	846	1.0	288	3.048	GST07-2M □□□160C32	236
	439	1.2	528	1.1	770	1.0	317	3.350	GST07-2M □□□160C32	236
	427	1.3	514	1.3	749	1.1	331	3.444	GST09-1M □□□160C32	230
	362	2.3	436	2.2	636	1.9	384	4.056	GST09-2M □□□160C32	236
	348	1.0	419	0.9	611	0.8	399	4.225	GST07-2M □□□160C32	236
	330	2.2	397	2.1	579	1.8	421	4.457	GST09-2M □□□160C32	236
	317	0.9	381	0.9			439	4.643	GST07-2M □□□160C32	236
	283	0.9	340	0.8			492	5.200	GST07-2M □□□160C32	236
	276	2.0	333	1.9	485	1.7	503	5.324	GST09-2M □□□160C32	236
	276	3.2	333	3.0	485	2.6	503	5.324	GST11-2M □□□160C32	236
	257	0.8					540	5.714	GST07-2M □□□160C32	236
	251	1.8	303	1.7	441	1.5	553	5.850	GST09-2M □□□160C32	236
	251	3.2	303	3.0	441	2.7	553	5.850	GST11-2M □□□160C32	236
	230	3.0	277	2.8	403	2.5	605	6.400	GST11-2M □□□160C32	236
	221	1.7	266	1.6	387	1.4	630	6.667	GST09-2M □□□160C32	236
	214	3.2	258	3.0	376	2.7	649	6.864	GST11-2M □□□160C32	236
	201	1.6	242	1.5	353	1.3	691	7.305	GST09-2M □□□160C32	236
	189	2.9	227	2.7	331	2.4	737	7.800	GST11-2M □□□160C32	236
	183	1.5	221	1.4	321	1.3	759	8.027	GST09-2M □□□160C32	236
	163	1.3	197	1.3	286	1.1	852	9.010	GST09-2M □□□160C32	236
	163	2.7	197	2.5	286	2.2	852	9.010	GST11-2M □□□160C32	236
	149	2.5	180	2.4	262	2.1	932	9.856	GST11-2M □□□160C32	236
	143	1.2	172	1.2	251	1.0	971	10.267	GST09-2M □□□160C32	236
	131	2.3	158	2.1	230	1.9	1059	11.200	GST11-2M □□□160C32	236
	126	1.1	152	1.0	221	0.9	1103	11.667	GST09-2M □□□160C32	236
	119	1.1	143	1.0	209	0.9	1169	12.362	GST09-2M □□□160C32	236
	117	2.1	141	2.0	205	1.8	1189	12.571	GST11-2M □□□160C32	236
	105	1.0	126	0.9	184	0.8	1328	14.048	GST09-2M □□□160C32	236
	105	3.2	126	3.0	184	2.7	1328	14.048	GST14-2M □□□160C32	236
	103	1.9	124	1.8	181	1.6	1351	14.286	GST11-2M □□□160C32	236
	97	0.9	117	0.9	170	0.9	1433	15.156	GST09-2M □□□160C32	236
	97	3.1	117	3.1	170	3.0	1433	15.156	GST14-2M □□□160C32	236
	96	1.9	115	1.9	168	1.8	1456	15.400	GST11-2M □□□160C32	236
	85	0.8	103	0.8			1628	17.222	GST09-2M □□□160C32	236
	85	2.8	103	2.8	150	2.7	1628	17.222	GST14-2M □□□160C32	236
	84	1.7	101	1.7	147	1.6	1655	17.500	GST11-2M □□□160C32	236
	73	1.4	87	1.4	127	1.4	1918	20.289	GST11-2M □□□160C32	236



GST

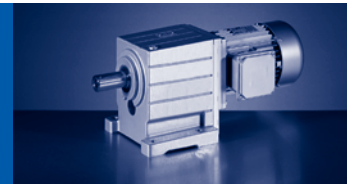
GST [Nm] - MH□MA (IE2)

50 Hz: P_N=15.0 kW

60 Hz: P_N=18.0 kW

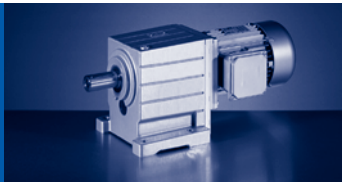
87 Hz: P_N=26.4 kW

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				
	73	2.6	88	2.6	129	2.5	1895	20.044	GST14-2M □□□160C32	236
	65	2.3	78	2.3	113	2.2	2153	22.778	GST14-2M □□□160C32	236
	64	1.3	77	1.3	112	1.3	2180	23.056	GST11-2M □□□160C32	236
	60	2.3	72	2.3	105	2.1	2323	24.567	GST14-2M □□□160C32	236
	59	1.2	71	1.2	104	1.1	2357	24.933	GST11-2M □□□160C32	236
	53	2.0	63	2.0	92	1.9	2639	27.917	GST14-2M □□□160C32	236
	52	1.1	63	1.1	91	1.0	2679	28.333	GST11-2M □□□160C32	236
	46	1.8	55	1.8	80	1.7	3051	32.267	GST14-2M □□□160C32	236
	40	1.7	48	1.7	70	1.6	3467	36.667	GST14-2M □□□160C32	236
	38	1.5	45	1.5	66	1.4	3702	39.160	GST14-2M □□□160C32	236
	37	1.2	44	1.2	64	1.1	3742	40.185	GST14-3M □□□160C32	242
	35	1.1	42	1.1	61	1.1	3965	42.580	GST14-3M □□□160C32	242
	33	1.4	40	1.4	58	1.4	4207	44.500	GST14-2M □□□160C32	236
	30	1.1	37	1.1	53	1.1	4506	48.386	GST14-3M □□□160C32	242
	28	1.0	33	1.0	49	1.0	4949	53.148	GST14-3M □□□160C32	242
	25	1.0	30	1.0	44	1.0	5524	59.321	GST14-3M □□□160C32	242



50 Hz: P_N=18.5 kW
60 Hz: P_N=22.2 kW
87 Hz: P_N=32.5 kW

n _N	1475 r/min		1775 r/min		2585 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	18.5 kW		22.2 kW		32.5 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	946	1.5	1138	1.4	1657	1.3	184	1.560	GST09-1M □□□180C12	230
	720	1.4	867	1.3	1262	1.2	242	2.048	GST09-1M □□□180C12	230
	632	1.3	761	1.3	1108	1.1	275	2.333	GST09-1M □□□180C12	230
	525	1.3	632	1.2	920	1.1	332	2.810	GST09-1M □□□180C12	230
	428	1.1	515	1.0	751	0.9	406	3.444	GST09-1M □□□180C12	230
	364	1.9	438	1.8	637	1.6	471	4.056	GST09-2M □□□180C12	236
	364	2.8	438	2.7	637	2.4	471	4.056	GST11-2M □□□180C12	236
	331	1.8	398	1.7	580	1.5	518	4.457	GST09-2M □□□180C12	236
	331	2.8	398	2.7	580	2.4	518	4.457	GST11-2M □□□180C12	236
	284	2.8	341	2.7	497	2.4	604	5.200	GST14-2M □□□180C12	236
	277	1.6	333	1.5	486	1.3	619	5.324	GST09-2M □□□180C12	236
	277	2.6	333	2.4	486	2.2	619	5.324	GST11-2M □□□180C12	236
	258	2.8	311	2.7	452	2.4	664	5.714	GST14-2M □□□180C12	236
	252	1.5	303	1.4	442	1.3	680	5.850	GST09-2M □□□180C12	236
	252	2.6	303	2.5	442	2.2	680	5.850	GST11-2M □□□180C12	236
	235	2.8	282	2.7	411	2.4	730	6.286	GST14-2M □□□180C12	236
	231	2.4	277	2.3	404	2.0	744	6.400	GST11-2M □□□180C12	236
	221	1.4	266	1.3	388	1.2	775	6.667	GST09-2M □□□180C12	236
	215	2.6	259	2.5	377	2.2	798	6.864	GST11-2M □□□180C12	236
	202	1.3	243	1.2	354	1.1	849	7.305	GST09-2M □□□180C12	236
	189	2.3	228	2.2	331	1.9	906	7.800	GST11-2M □□□180C12	236
	184	1.2	221	1.2	322	1.0	933	8.027	GST09-2M □□□180C12	236
	184	2.8	221	2.7	322	2.4	933	8.027	GST14-2M □□□180C12	236
	168	2.8	202	2.7	294	2.4	1023	8.800	GST14-2M □□□180C12	236
	164	1.1	197	1.0	287	0.9	1047	9.010	GST09-2M □□□180C12	236
	164	2.2	197	2.0	287	1.8	1047	9.010	GST11-2M □□□180C12	236
	150	2.0	180	1.9	262	1.7	1145	9.856	GST11-2M □□□180C12	236
	150	2.7	180	2.5	263	2.2	1144	9.841	GST14-2M □□□180C12	236
	144	1.0	173	0.9	252	0.8	1193	10.267	GST09-2M □□□180C12	236
	134	2.8	161	2.7	235	2.4	1278	11.000	GST14-2M □□□180C12	236
	132	1.8	159	1.7	231	1.5	1302	11.200	GST11-2M □□□180C12	236
	126	0.9	152	0.8			1356	11.667	GST09-2M □□□180C12	236
	119	0.9	144	0.8			1437	12.362	GST09-2M □□□180C12	236
	119	2.8	144	2.7	209	2.4	1437	12.362	GST14-2M □□□180C12	236
	117	1.7	141	1.6	206	1.4	1461	12.571	GST11-2M □□□180C12	236
	105	2.6	126	2.5	184	2.2	1632	14.048	GST14-2M □□□180C12	236
	103	1.6	124	1.5	181	1.3	1660	14.286	GST11-2M □□□180C12	236
	97	2.5	117	2.5	171	2.4	1761	15.156	GST14-2M □□□180C12	236
	96	1.5	115	1.5	168	1.4	1790	15.400	GST11-2M □□□180C12	236
	86	2.3	103	2.3	150	2.2	2001	17.222	GST14-2M □□□180C12	236
	84	1.4	101	1.4	148	1.3	2034	17.500	GST11-2M □□□180C12	236



GST

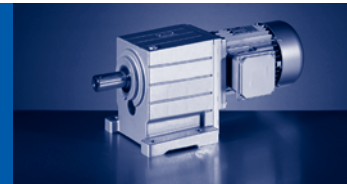
GST [Nm] - MH□MA (IE2)

50 Hz: P_N=18.5 kW

60 Hz: P_N=22.2 kW

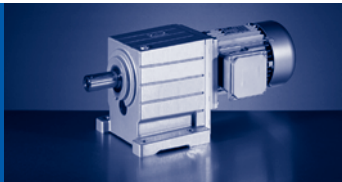
87 Hz: P_N=32.5 kW

n _N	1475 r/min		1775 r/min		2585 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	18.5 kW		22.2 kW		32.5 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	74	2.1	89	2.1	129	2.0	2329	20.044	GST14-2M □□□180C12	236
	73	1.2	88	1.2	127	1.1	2358	20.289	GST11-2M □□□180C12	236
	65	1.9	78	1.9	114	1.8	2647	22.778	GST14-2M □□□180C12	236
	64	1.1	77	1.1	112	1.0	2679	23.056	GST11-2M □□□180C12	236
	60	1.8	72	1.8	105	1.7	2855	24.567	GST14-2M □□□180C12	236
	59	1.0	71	1.0	104	0.9	2897	24.933	GST11-2M □□□180C12	236
	53	1.7	64	1.7	93	1.6	3244	27.917	GST14-2M □□□180C12	236
	52	0.9	63	0.9	91	0.8	3293	28.333	GST11-2M □□□180C12	236
	46	1.4	55	1.4	80	1.4	3750	32.267	GST14-2M □□□180C12	236
	40	1.4	48	1.4	71	1.3	4261	36.667	GST14-2M □□□180C12	236
	38	1.2	45	1.2	66	1.1	4551	39.160	GST14-2M □□□180C12	236
	37	1.0	44	1.0	64	0.9	4600	40.185	GST14-3M □□□180C12	242
	35	0.9	42	0.9	61	0.9	4874	42.580	GST14-3M □□□180C12	242
	33	1.1	40	1.1	58	1.1	5171	44.500	GST14-2M □□□180C12	236
	31	0.9	37	0.9	53	0.9	5538	48.386	GST14-3M □□□180C12	242



50 Hz: P_N=22.0 kW
60 Hz: P_N=26.4 kW
87 Hz: P_N=38.7 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	22.0 kW		26.4 kW		38.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	942	1.3	1135	1.2	1654	1.1	220	1.560	GST09-1M □□□180C32	230
	718	1.2	864	1.1	1260	1.0	288	2.048	GST09-1M □□□180C32	230
	630	1.1	759	1.1	1106	0.9	329	2.333	GST09-1M □□□180C32	230
	523	1.1	630	1.0	918	0.9	396	2.810	GST09-1M □□□180C32	230
	427	0.9	514	0.9			485	3.444	GST09-1M □□□180C32	230
	362	1.6	436	1.5	636	1.3	562	4.056	GST09-2M □□□180C32	236
	362	2.7	436	2.5	636	2.2	562	4.056	GST11-2M □□□180C32	236
	330	1.5	397	1.4	579	1.3	618	4.457	GST09-2M □□□180C32	236
	330	2.6	397	2.5	579	2.2	618	4.457	GST11-2M □□□180C32	236
	283	3.2	340	3.0	496	2.6	721	5.200	GST14-2M □□□180C32	236
	276	1.4	333	1.3	485	1.1	738	5.324	GST09-2M □□□180C32	236
	276	2.2	333	2.0	485	1.8	738	5.324	GST11-2M □□□180C32	236
	257	3.2	310	3.0	452	2.6	792	5.714	GST14-2M □□□180C32	236
	251	1.3	303	1.2	441	1.1	811	5.850	GST09-2M □□□180C32	236
	251	2.2	303	2.1	441	1.8	811	5.850	GST11-2M □□□180C32	236
	234	3.1	282	2.9	411	2.6	872	6.286	GST14-2M □□□180C32	236
	230	2.0	277	1.9	403	1.7	887	6.400	GST11-2M □□□180C32	236
	221	1.2	266	1.1	387	1.0	924	6.667	GST09-2M □□□180C32	236
	214	2.2	258	2.1	376	1.8	952	6.864	GST11-2M □□□180C32	236
	201	1.1	242	1.0	353	0.9	1013	7.305	GST09-2M □□□180C32	236
	189	2.0	227	1.9	331	1.6	1082	7.800	GST11-2M □□□180C32	236
	183	1.0	221	1.0	321	0.9	1113	8.027	GST09-2M □□□180C32	236
	183	2.9	221	2.8	321	2.4	1113	8.027	GST14-2M □□□180C32	236
	167	3.1	201	2.9	293	2.6	1220	8.800	GST14-2M □□□180C32	236
	163	0.9	197	0.9			1249	9.010	GST09-2M □□□180C32	236
	163	1.8	197	1.7	286	1.5	1249	9.010	GST11-2M □□□180C32	236
	149	1.7	180	1.6	262	1.4	1367	9.856	GST11-2M □□□180C32	236
	149	2.6	180	2.5	262	2.2	1365	9.841	GST14-2M □□□180C32	236
	143	0.8					1424	10.267	GST09-2M □□□180C32	236
	134	2.6	161	2.4	235	2.2	1525	11.000	GST14-2M □□□180C32	236
	131	1.5	158	1.5	230	1.3	1553	11.200	GST11-2M □□□180C32	236
	119	2.4	143	2.3	209	2.0	1714	12.362	GST14-2M □□□180C32	236
	117	1.5	141	1.4	205	1.2	1743	12.571	GST11-2M □□□180C32	236
	105	2.2	126	2.1	184	1.8	1948	14.048	GST14-2M □□□180C32	236
	103	1.3	124	1.2	181	1.1	1981	14.286	GST11-2M □□□180C32	236
	97	2.1	117	2.1	170	2.0	2102	15.156	GST14-2M □□□180C32	236
	96	1.3	115	1.3	168	1.2	2135	15.400	GST11-2M □□□180C32	236
	85	1.9	103	1.9	150	1.8	2388	17.222	GST14-2M □□□180C32	236
	84	1.1	101	1.1	147	1.1	2427	17.500	GST11-2M □□□180C32	236
	73	1.0	87	1.0	127	0.9	2813	20.289	GST11-2M □□□180C32	236
	73	1.8	88	1.8	129	1.7	2779	20.044	GST14-2M □□□180C32	236



GST

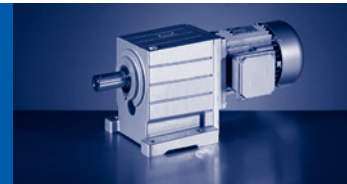
GST [Nm] - MH□MA (IE2)

50 Hz: $P_N=22.0$ kW

60 Hz: $P_N=26.4$ kW

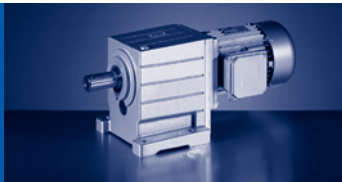
87 Hz: $P_N=38.7$ kW

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	22.0 kW		26.4 kW		38.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	65	1.6	78	1.6	113	1.5	3158	22.778	GST14-2M □□□180C32	236
	64	0.9	77	0.9	112	0.9	3197	23.056	GST11-2M □□□180C32	236
	60	1.5	72	1.5	105	1.5	3406	24.567	GST14-2M □□□180C32	236
	59	0.8	71	0.8			3457	24.933	GST11-2M □□□180C32	236
	53	1.4	63	1.4	92	1.3	3871	27.917	GST14-2M □□□180C32	236
	46	1.2	55	1.2	80	1.2	4474	32.267	GST14-2M □□□180C32	236
	40	1.1	48	1.1	70	1.1	5084	36.667	GST14-2M □□□180C32	236
	38	1.0	45	1.0	66	1.0	5430	39.160	GST14-2M □□□180C32	236
	37	0.8	44	0.8			5489	40.185	GST14-3M □□□180C32	242
	33	0.9	40	0.9	58	0.9	6170	44.500	GST14-2M □□□180C32	236



50 Hz: P_N=30.0 kW
60 Hz: P_N=36.0 kW
87 Hz: P_N=52.7 kW

n _N	1465 r/min		1765 r/min		2575 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	30.0 kW		36.0 kW		52.7 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	939	0.9	1131	0.9			301	1.560	GST09-1M □□□180C42	230
	716	0.9	862	0.8			394	2.048	GST09-1M □□□180C42	230
	628	0.8					449	2.333	GST09-1M □□□180C42	230
	361	1.1	435	1.1			770	4.056	GST09-2M □□□180C42	236
	361	1.9	435	1.8			770	4.056	GST11-2M □□□180C42	236
	329	1.1	396	1.0			846	4.457	GST09-2M □□□180C42	236
	329	1.9	396	1.8			846	4.457	GST11-2M □□□180C42	236
	282	2.3	339	2.2			987	5.200	GST14-2M □□□180C42	236
	275	1.0	332	0.9			1010	5.324	GST09-2M □□□180C42	236
	275	1.6	332	1.5			1010	5.324	GST11-2M □□□180C42	236
	256	2.3	309	2.2			1084	5.714	GST14-2M □□□180C42	236
	250	0.9	302	0.9			1110	5.850	GST09-2M □□□180C42	236
	250	1.6	302	1.5			1110	5.850	GST11-2M □□□180C42	236
	233	2.3	281	2.2			1193	6.286	GST14-2M □□□180C42	236
	229	1.5	276	1.4			1214	6.400	GST11-2M □□□180C42	236
	220	0.8					1265	6.667	GST09-2M □□□180C42	236
	213	1.6	257	1.5			1302	6.864	GST11-2M □□□180C42	236
	188	1.4	226	1.4			1480	7.800	GST11-2M □□□180C42	236
	183	2.1	220	2.0			1523	8.027	GST14-2M □□□180C42	236
	167	2.2	201	2.1			1670	8.800	GST14-2M □□□180C42	236
	163	1.3	196	1.3			1709	9.010	GST11-2M □□□180C42	236
	149	1.2	179	1.2			1870	9.856	GST11-2M □□□180C42	236
	149	1.9	179	1.8			1867	9.841	GST14-2M □□□180C42	236
	133	1.9	161	1.8			2087	11.000	GST14-2M □□□180C42	236
	131	1.1	158	1.1			2125	11.200	GST11-2M □□□180C42	236
	119	1.8	143	1.7			2345	12.362	GST14-2M □□□180C42	236
	117	1.1	140	1.0			2385	12.571	GST11-2M □□□180C42	236
	104	1.6	126	1.5			2665	14.048	GST14-2M □□□180C42	236
	103	1.0	124	0.9			2710	14.286	GST11-2M □□□180C42	236
	97	1.6	117	1.6			2875	15.156	GST14-2M □□□180C42	236
	95	0.9	115	0.9			2922	15.400	GST11-2M □□□180C42	236
	85	1.4	103	1.4			3268	17.222	GST14-2M □□□180C42	236
	84	0.8	101	0.8			3320	17.500	GST11-2M □□□180C42	236
	73	1.3	88	1.3			3803	20.044	GST14-2M □□□180C42	236
	64	1.2	78	1.2			4322	22.778	GST14-2M □□□180C42	236
	60	1.1	72	1.1			4661	24.567	GST14-2M □□□180C42	236
	53	1.0	63	1.0			5297	27.917	GST14-2M □□□180C42	236
	45	0.9	55	0.9			6122	32.267	GST14-2M □□□180C42	236
	40	0.8	48	0.8			6957	36.667	GST14-2M □□□180C42	236



GST

GST [Nm] - MH□MA (IE2)

50 Hz: P_N=37.0 kW

60 Hz: P_N=45.0 kW

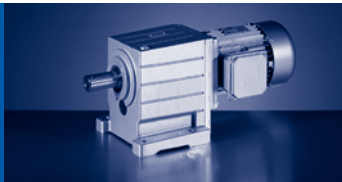
87 Hz: P_N=64.0 kW

n _N	1483 r/min		1783 r/min		2593 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	37.0 kW		45.0 kW		64.0 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	366	1.6	440	1.5			938	4.056	GST11-2M □□□225C12	236
	351	2.8	422	2.6			977	4.225	GST14-2M □□□225C12	236
	333	1.6	400	1.5			1030	4.457	GST11-2M □□□225C12	236
	319	2.7	384	2.6			1073	4.643	GST14-2M □□□225C12	236
	285	2.5	343	2.4			1202	5.200	GST14-2M □□□225C12	236
	279	1.3	335	1.2			1231	5.324	GST11-2M □□□225C12	236
	260	2.5	312	2.3			1321	5.714	GST14-2M □□□225C12	236
	254	1.3	305	1.2			1352	5.850	GST11-2M □□□225C12	236
	236	2.3	284	2.2			1453	6.286	GST14-2M □□□225C12	236
	232	1.2	279	1.2			1479	6.400	GST11-2M □□□225C12	236
	216	1.3	260	1.2			1587	6.864	GST11-2M □□□225C12	236
	207	2.1	249	2.0			1653	7.150	GST14-2M □□□225C12	236
	190	1.2	229	1.1			1803	7.800	GST11-2M □□□225C12	236
	185	2.0	222	1.9			1856	8.027	GST14-2M □□□225C12	236
	169	1.8	203	1.7			2034	8.800	GST14-2M □□□225C12	236
	165	1.1	198	1.0			2083	9.010	GST11-2M □□□225C12	236
	151	1.0	181	1.0			2278	9.856	GST11-2M □□□225C12	236
	151	1.7	181	1.6			2275	9.841	GST14-2M □□□225C12	236
	135	1.6	162	1.5			2543	11.000	GST14-2M □□□225C12	236
	132	0.9	159	0.9			2589	11.200	GST11-2M □□□225C12	236
	120	1.5	144	1.4			2858	12.362	GST14-2M □□□225C12	236
	118	0.9	142	0.8			2906	12.571	GST11-2M □□□225C12	236
	106	1.3	127	1.2			3247	14.048	GST14-2M □□□225C12	236
	98	1.3	118	1.3			3503	15.156	GST14-2M □□□225C12	236
	86	1.2	104	1.2			3981	17.222	GST14-2M □□□225C12	236
	74	1.1	89	1.1			4633	20.044	GST14-2M □□□225C12	236
	65	1.0	78	1.0			5265	22.778	GST14-2M □□□225C12	236



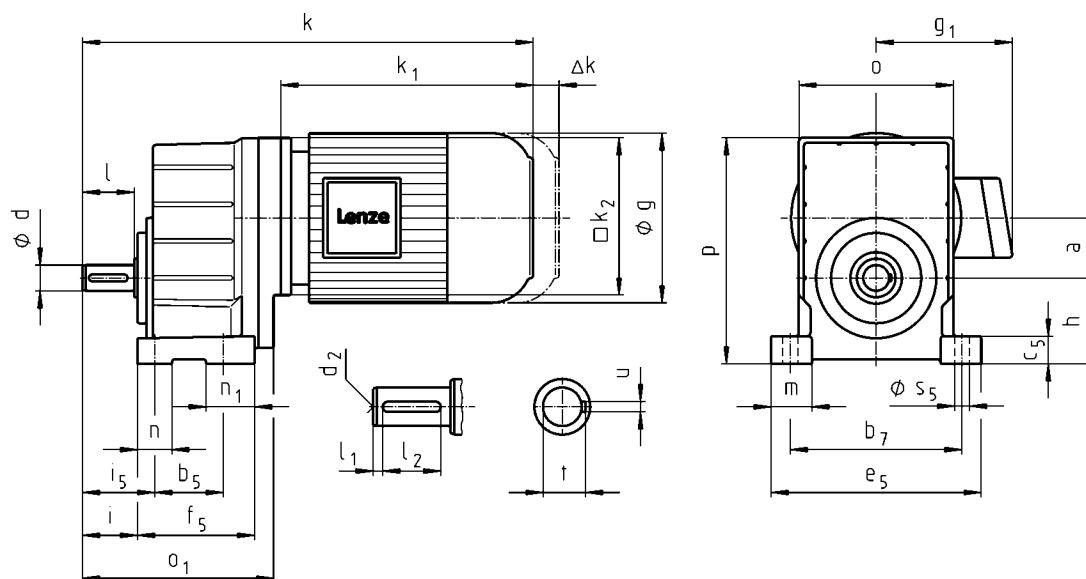
50 Hz: P_N=45.0 kW
60 Hz: P_N=54.0 kW
87 Hz: P_N=78.0 kW

n _N	1480 r/min		1780 r/min		2590 r/min		M ₂ [Nm]	i		
f _N	50 Hz		60 Hz		87 Hz					
P _N	45.0 kW		54.0 kW		78.0 kW					
	n ₂ [r/min]	c	n ₂ [r/min]	c	n ₂ [r/min]	c				
	365	1.3	439	1.2			1143	4.056	GST11-2M □□□225C22	236
	350	2.3	421	2.2			1190	4.225	GST14-2M □□□225C22	236
	332	1.3	399	1.2			1256	4.457	GST11-2M □□□225C22	236
	319	2.2	383	2.1			1308	4.643	GST14-2M □□□225C22	236
	285	2.1	342	2.0			1465	5.200	GST14-2M □□□225C22	236
	278	1.1	334	1.0			1500	5.324	GST11-2M □□□225C22	236
	259	2.0	312	1.9			1610	5.714	GST14-2M □□□225C22	236
	253	1.1	304	1.0			1648	5.850	GST11-2M □□□225C22	236
	236	1.9	283	1.8			1771	6.286	GST14-2M □□□225C22	236
	231	1.0	278	0.9			1803	6.400	GST11-2M □□□225C22	236
	216	1.1	259	1.0			1934	6.864	GST11-2M □□□225C22	236
	207	1.7	249	1.6			2014	7.150	GST14-2M □□□225C22	236
	190	1.0	228	0.9			2197	7.800	GST11-2M □□□225C22	236
	184	1.7	222	1.6			2261	8.027	GST14-2M □□□225C22	236
	168	1.5	202	1.4			2479	8.800	GST14-2M □□□225C22	236
	164	0.9	198	0.8			2538	9.010	GST11-2M □□□225C22	236
	150	0.8					2777	9.856	GST11-2M □□□225C22	236
	150	1.4	181	1.3			2772	9.841	GST14-2M □□□225C22	236
	135	1.3	162	1.2			3099	11.000	GST14-2M □□□225C22	236
	120	1.2	144	1.1			3482	12.362	GST14-2M □□□225C22	236
	105	1.1	127	1.0			3957	14.048	GST14-2M □□□225C22	236
	98	1.1	117	1.1			4269	15.156	GST14-2M □□□225C22	236
	86	0.9	103	0.9			4852	17.222	GST14-2M □□□225C22	236
	74	0.9	89	0.9			5647	20.044	GST14-2M □□□225C22	236



GST GST [mm] - MD□MA (IE1)

GST□□-1M VBR



		063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31 071C32 071C33 071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31	090C32
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	248
k ₂			120			145		180
	MDEMABR	40		52		73		68
	MDFMAXX				128			
Δ k	MDFMABR	170		165		183		181
					k			
GST04		331		351		373	433	407
GST05			352	372		394	454	428
GST06			375		395	417	477	451
GST07						446	506	480
GST09							549	523

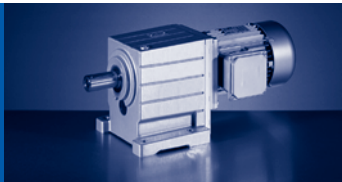


		100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41	132C21 132C22 132C32	160C22	160C32	180C12 180C32	180C42
g		194	218	258	310	348			
g₁	MDEMAXX	161	171	195	210	230			
	MDEMABR	147	158	187	210	230			
k₁	MDEMAXX	309	319	363	403	457.5	501.5	561	618
k₂		180	222	265	300				
Δ k	MDEMABR	76	90	109.5	105	113			
	MDFMAXX	109	102	115	149	155			
	MDFMABR	170	183	201.5	179	215			
k									
GST05		489							
GST06		512	528	572					
GST07		541	557	601	649	708			
GST09		584	600	644	692	751	795	855	912

	a	h ¹⁾	o ¹⁾	p ¹⁾
GST04	36	50	100	138
GST05	45	63	115	168
GST06	56	80	145	211
GST07	70	100	180	264
GST09	89	125	222	329

	d	d ₂	l	l ₁	l ₂	u	t	i	i ₅	o ₁	b ₅	b ₇	c ₅	e ₅	f ₅	m	n	n ₁	s ₅
	k6																		
GST04	16	M5	32	6	20	5	18	35	45	134	55	105	17	128	80	24	20	25	9
GST05	20	M6	40	6	28	6	22.5	43	56	165	70	125	22	154	99	32	26	29	11
GST06	25	M10	50	4	40	8	28	53	68	191	72	160	27	194	115	37	30	43	13.5
GST07	30	M10	60	7.5	45	8	33	64	84	223	80	200	35	245	137	48	40	57	18
GST09	40	M16	80	8.5	63	12	43	84	107	271	105	245	43	296	161	51	45	56	18

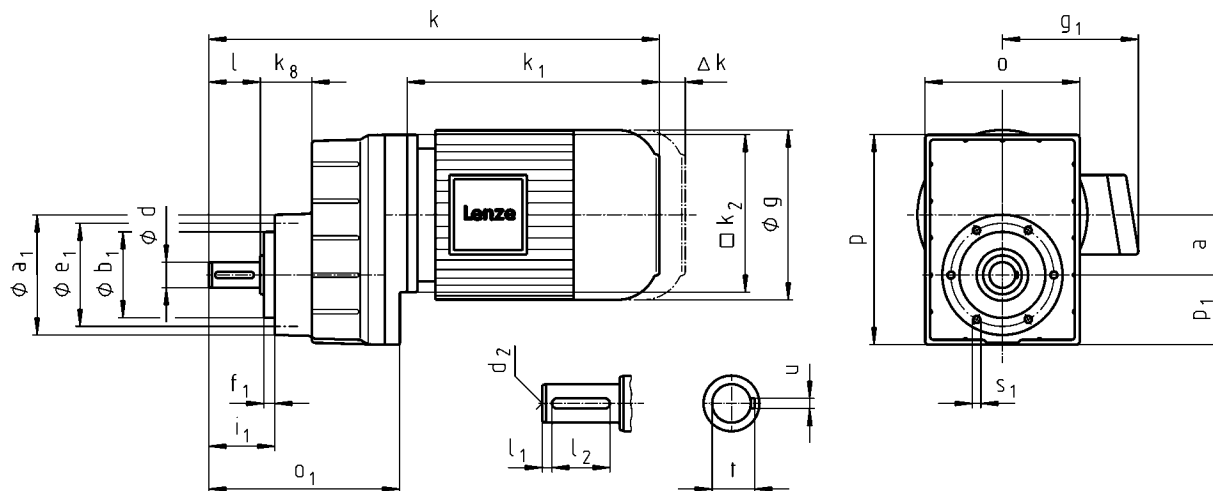
¹⁾ k₂ !



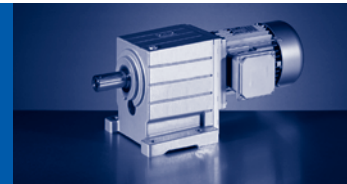
GST

GST [mm] - MD□MA (IE1)

GST□□-1M VCR



		063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31 071C32 071C33 071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31	090C32
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	248
k ₂			120			145	180	
Δ k	MDEMABR	40		52		73	68	
	MDFMAXX				128			
	MDFMABR	170		165		183	181	
		k						
GST04		331		351		373	433	407
GST05			352	372		394	454	428
GST06			375		395	417	477	451
GST07						446	506	480
GST09							549	523

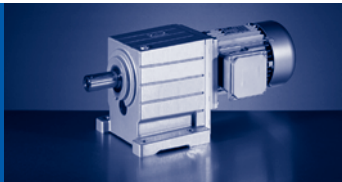


		100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41	132C21 132C22 132C32	160C22	160C32	180C12 180C32	180C42
g		194	218	258	310	348			
g₁	MDEMAYX	161	171	195	210	230			
	MDEMABR	147	158	187	210	230			
k₁	MDEMAYX	309	319	363	403	457.5	501.5	561	618
k₂		180	222	265	300				
Δ k	MDEMABR	76	90	109.5	105	113			
	MDFMAYX	109	102	115	149	155			
	MDFMABR	170	183	201.5	179	215			
		k							
GST05		489							
GST06		512	528	572					
GST07		541	557	601	649	708			
GST09		584	600	644	692	751	795	855	912

	a	k _g	o ¹⁾	p ¹⁾	p ₁
GST04	36	35	100	129	41
GST05	45	43	115	156	51
GST06	56	48	145	194	63
GST07	70	60	180	245	82
GST09	89	74	222	304	101

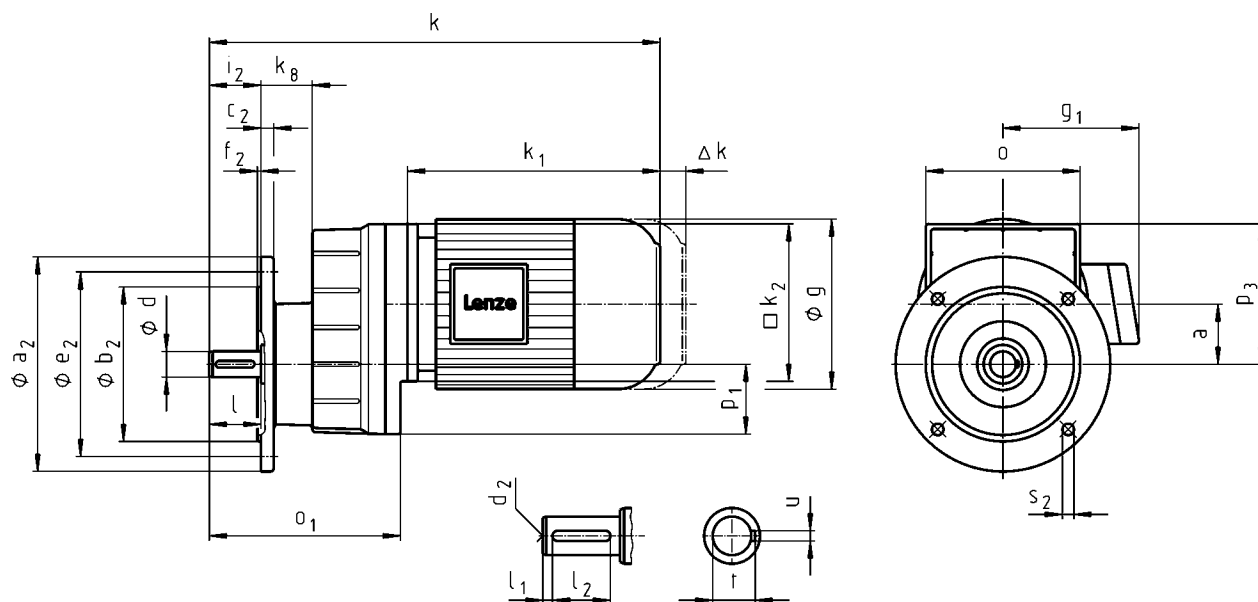
	d	d ₂	l	l ₁	l ₂	u	t	i ₁	o ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	k6										h7			
GST04	16	M5	32	6	20	5	18	43	134	72	48	61	8	M5x10
GST05	20	M6	40	6	28	6	22.5	52	165	88	58	74	9	M6x10
GST06	25	M10	50	4	40	8	28	64	191	109	70	90	11	M8x14
GST07	30	M10	60	7.5	45	8	33	77	223	140	100	120	13	M10x18
GST09	40	M16	80	8.5	63	12	43	100	271	174	120	145	15	M12x20

¹⁾ k₂ !



GST GST [mm] - MD□MA (IE1)

GST□□-1M VCK



		063C11 063C12 063C31 063C32	063C42	071C11	071C13 071C31 071C32 071C33 071C42	080C11 080C13 080C31 080C32 080C33 080C42	090C11 090C31	090C32
g		123		139		156		176
g₁	MDEMAXX	100		109		145		152
	MDEMABR	107		118		132		137
k₁	MDEMAXX	187		207		224.5	274	248
k₂			120			145		180
	MDEMABR	40		52		73		68
Δk	MDFMAXX				128			
	MDFMABR	170		165		183		181
		k						
GST04		331		351		373	433	407
GST05			352	372		394	454	428
GST06			375		395	417	477	451
GST07						446	506	480
GST09							549	523

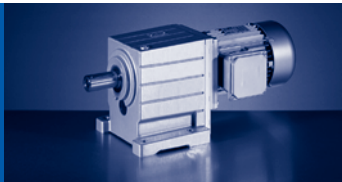


		100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41	132C21 132C22 132C32	160C22	160C32	180C12 180C32	180C42
g		194	218		258	310		348	
g₁	MDEMAXX	161	171		195	210		230	
	MDEMABR	147	158		187	210		230	
k₁	MDEMAXX	309	319	363	403	457.5	501.5	561	618
k₂		180	222		265		300		
Δ k	MDEMABR	76	90		109.5	105		113	
	MDFMAXX	109	102		115	149		155	
	MDFMABR	170	183		201.5	179		215	
		k							
GST05		489							
GST06		512	528	572					
GST07		541	557	601	649	708			
GST09		584	600	644	692	751	795	855	912

	a	k _g	o ¹⁾	p ₁	p ₃ ¹⁾
GST04	36	35	100	41	88
GST05	45	43	115	51	105
GST06	56	48	145	63	131
GST07	70	60	180	82	164
GST09	89	74	222	101	204

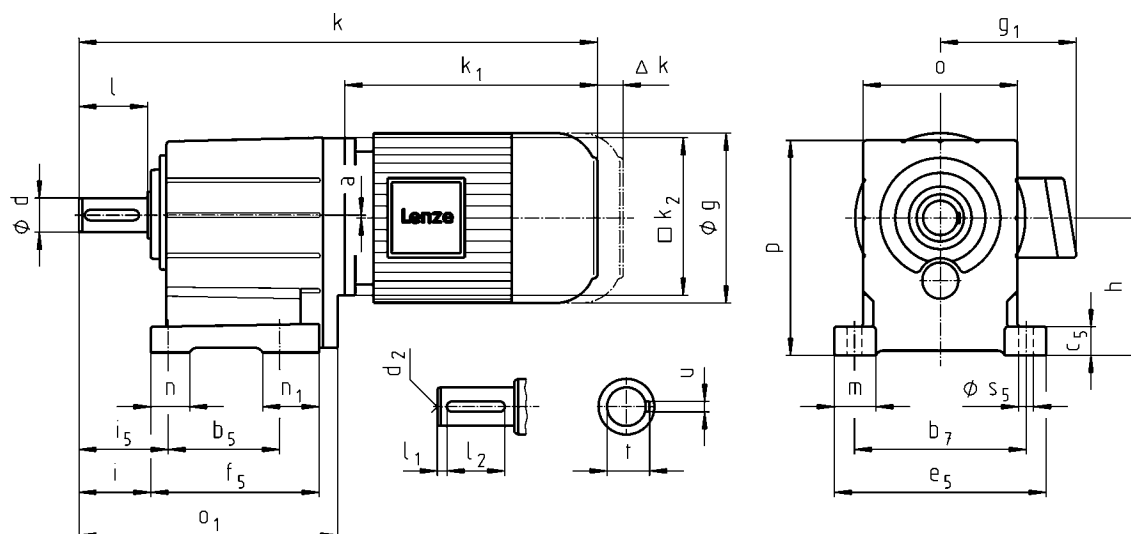
	d	d ₂	l	l ₁	l ₂	u	t	i ₂	o ₁	a ₂	b ₂	c ₂	e ₂	f ₂	s ₂
	k6										j7				
GST04	16	M5	32	6	20	5	18	32	134	120	80	10	100	3	7
										140	95	10	115	3	9
										160	110	10	130	3.5	9
GST05	20	M6	40	6	28	6	22.5	40	165	120	80	10	100	3	7
										140	95	10	115	3	9
										160	110	10	130	3.5	9
										200	130	12	165	3.5	11
GST06	25	M10	50	4	40	8	28	50	191	160	110	12	130	3.5	9
										200	130	12	165	3.5	11
GST07	30	M10	60	7.5	45	8	33	60	223	200	130	14	165	3.5	11
										250	180	15	215	4	13.5
GST09	40	M16	80	8.5	63	12	43	80	271	250	180	16	215	4	13.5
										300	230	18	265	4	13.5

¹⁾ k₂ !



GST GST [mm] - MD□MA (IE1)

GST□□-2M VBR



		063C02	063C11	063C12	063C22	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13 080C31 080C32 080C33 080C42
g		123							139				156		
g ₁	MDEMAXX MDSMAXX	100							109				145		
	MDEMABR MDSMABR	107							118				132		
k ₁	MDEMAXX MDSMAXX	156	187		156	187		207				224.5			
k ₂		100	120		100	120						145			
Δ k	MDEMABR MDSMABR	71	40		71	40		52				73			
	MDFMAXX		128			128									
	MDFMABR		170			170		165				183			
		k													
GST03		298		329	298		329				349		349		
GST04			371			371		391						413	
GST05							401	421						443	
GST06							427			447				469	
GST07															525



		090C11	090C31	090C32	100C12	100C31	100C32 100C41	112C22 112C31	112C32 112C41	132C21 132C22 132C32	160C22	160C32	180C12 180C32	180C42	225C12 225C22
g		176			194			218		258	310		348		447
g ₁	MDEMAXX MDSMAXX	152			161			171		195	210		230		346
	MDEMABR MDSMABR	137			147			158		187	210		230		346
k ₁	MDEMAXX MDSMAXX	274		248	309			319	363	403	457.5	501.5	561	618	848
k ₂		180						222		265	300				
Δ k	MDEMABR MDSMABR	68			76			90		109.5	105		113		
	MDFMAXX	128			109			102		115	149			155	213
	MDFMABR	181			170			183		201.5	179		215		213
		k													
GST04		473		447											
GST05		503		477	538										
GST06		529		503	564			580	624						
GST07		585		559	620			636	680	728	787	831			
GST09			648	622	683			699	743	791	850	894	954	1011	
GST11					740		740	756	800	848	907	951	1011	1068	1298
GST14								846	890	938	997	1041	1101	1158	1388

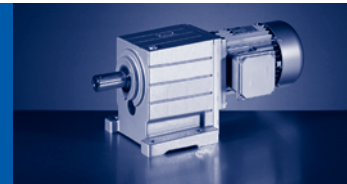
	a	h ¹⁾	o ¹⁾	p ¹⁾
GST03	2	65	90	101
GST04	0	80	100	132
GST05	1	100	115	158.5
GST06	2	125	145	198
GST07	3	160	180	251
GST09	4	200	222	311
GST11	4	250	270	385
GST14	6	315	328	479

	d	d	d ₂	l	l ₁	l ₂	u	t	i	i ₅	o ₁	b ₅	b ₇	c ₅	e ₅	f ₅	m	n	n ₁	s ₅
	k6	m6																		
GST03	14 20		M5 M6	28 40	4 5	20 28	5 6	16 22.5	34 46	40 52	127 139	60	91	11	105	84	20			6.6
GST04	20		M6	40	5	28	6	22.5	43	53	174	76	105	18	129	112	24.5	20	36	9
GST05	25		M10	50	4	40	8	28	53	66	214	90	125	23	155	139	32.5	26	49	11
GST06	30		M10	60	6	45	8	33	64	79	243	106	160	28	196	157	38	35	52	13.5
GST07	40		M16	80	7	63	12	43	84	104	302	130	200	34	247	196	48.5	45	66	18
GST09	50		M16	100	8	80	14	53.5	105	127.5	370	165	245	44	298	239	54	48	74	18
GST11		60	M20	120	8	100	18	64	125	155	433	200	300	54	368	280	69	65	80	22
GST14		80	M20	160	15	125	22	85	165	200	533	250	380	65	460	340	85	85	91	26

¹⁾ k₂ !

[illegible]

L-force geared motors 03/2012

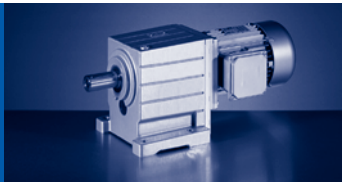


		090C11	090C31	090C32	100C12	100C31	100C32 100C41	112C22 112C31	112C32 112C41	132C21 132C22 132C32	160C22	160C32	180C12 180C32	180C42	225C12 225C22
g		176			194			218		258	310		348		447
g ₁	MDEMAXX MDSMAXX	152			161			171		195	210		230		346
	MDEMABR MDSMABR	137			147			158		187	210		230		346
k ₁	MDEMAXX MDSMAXX	274		248	309			319	363	403	457.5	501.5	561	618	848
k ₂		180						222		265	300				
Δ k	MDEMABR MDSMABR	68			76			90		109.5	105		113		
	MDFMAXX	128			109			102		115	149			155	213
	MDFMABR	181			170			183		201.5	179		215		213
		k													
GST04		473		447											
GST05		503		477	538										
GST06		529		503	564			580	624						
GST07		585		559	620			636	680	728	787	831			
GST09			648	622	683			699	743	791	850	894	954	1011	
GST11					740		740	756	800	848	907	951	1011	1068	1298
GST14								846	890	938	997	1041	1101	1158	1388

	a	o ¹⁾	p ¹⁾	p ₁
GST03	2	90	100	64
GST04	0	100	129	77
GST05	1	115	156	98
GST06	2	145	194	121
GST07	3	180	245	155
GST09	4	222	304	194
GST11	4	270	378	243
GST14	6	328	470	306

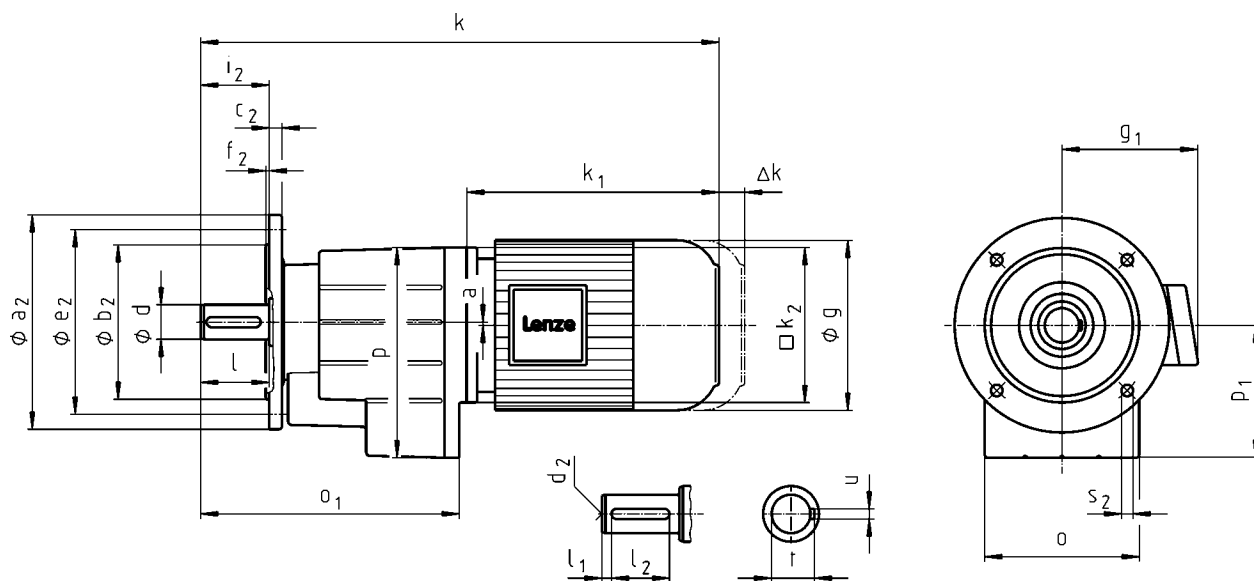
	d	d	d ₂	l	l ₁	l ₂	u	t	i ₁	o ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	k6	m6										h7			
GST03	14 20		M5 M6	28 40	4 5	20 28	5 6	16 22.5	39 51	127 139	71	48	61	8	M5x10
GST04	20		M6	40	5	28	6	22.5	51	174	72	48	61	8	M5x10
GST05	25		M10	50	4	40	8	28	62	214	88	58	74	9	M6x12
GST06	30		M10	60	6	45	8	33	74	243	109	70	90	10	M8x14
GST07	40		M16	80	7	63	12	43	97	302	140	100	120	13	M10x18
GST09	50		M16	100	8	80	14	53.5	120	370	174	120	145	15	M12x20
GST11		60	M20	120	8	100	18	64	143	433	215	150	185	18	M16x26
GST14		80	M20	160	15	125	22	85	187	533	265	195	230	22	M20x34

¹⁾ k₂ !

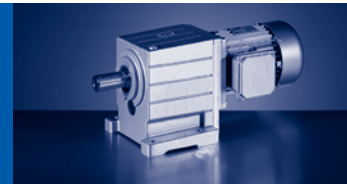


GST GST [mm] - MD□MA (IE1)

GST□□-2M VCK



		063C02	063C11	063C12	063C22	063C31	063C32	063C42	071C11	071C13 071C31	071C32	071C33	071C42	080C11	080C13 080C31 080C32 080C33 080C42
g					123						139				156
g₁	MDEMAXX				100						109				145
	MDSMAXX				107						118				132
k₁	MDEMAXX	156	187	156		187					207				224.5
	MDSMAXX														
k₂		100	120	100					120						145
Δ k	MDEMABR	71	40	71		40					52				73
	MDSMABR														
	MDFMAXX		128							128					
	MDFMABR		170			170					165				183
k															
GST03		298		329	298		329				349		349		
GST04			371				371				391				413
GST05								401			421				443
GST06							427				447				469
GST07															525

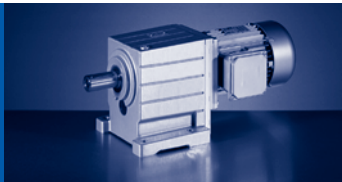


		090C11	090C31	090C32	100C12	100C31	100C32 100C41	112C22 112C31	112C32 112C41	132C21 132C22 132C32	160C22	160C32	180C12 180C32	180C42	225C12 225C22
g		176			194			218		258	310		348		447
g ₁	MDEMAXX MDSMAXX	152			161			171		195	210		230		346
	MDEMABR MDSMABR	137			147			158		187	210		230		346
k ₁	MDEMAXX MDSMAXX	274		248	309			319	363	403	457.5	501.5	561	618	848
k ₂		180						222		265	300				
Δ k	MDEMABR MDSMABR	68			76			90		109.5	105		113		
	MDFMAXX	128			109			102		115	149			155	213
	MDFMABR	181			170			183		201.5	179		215		213
		k													
GST04		473		447											
GST05		503		477	538										
GST06		529		503	564			580	624						
GST07		585		559	620			636	680	728	787	831			
GST09			648	622	683			699	743	791	850	894	954	1011	
GST11					740		740	756	800	848	907	951	1011	1068	1298
GST14								846	890	938	997	1041	1101	1158	1388

	a	o ¹⁾	p ¹⁾	p ₁
GST03	2	90	100	64
GST04	0	100	129	77
GST05	1	115	156	98
GST06	2	145	194	121
GST07	3	180	245	155
GST09	4	222	304	194
GST11	4	270	378	243
GST14	6	328	470	306

	d	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	m6										j7				
GST03	14		M5	28	4	20	5	16	28	127	120	80	10	100	3	7
	20		M6	40	5	28	6	22.5	40	139	140	95	10	115	3	9
											160	110	10	130	3.5	9
GST04	20		M6	40	5	28	6	22.5	40	174	120	80	10	100	3	7
											140	95	10	115	3	9
											160	110	10	130	3.5	9
GST05	25		M10	50	4	40	8	28	50	214	120	80	10	100	3	7
											140	95	10	115	3	9
											160	110	10	130	3.5	9
											200	130	12	165	3.5	11
GST06	30		M10	60	6	45	8	33	60	243	160	110	12	130	3.5	9
											200	130	12	165	3.5	11
GST07	40		M16	80	7	63	12	43	80	302	200	130	14	165	3.5	11
											250	180	15	215	4	13.5
GST09	50		M16	100	8	80	14	53.5	100	370	250	180	16	215	4	13.5
											300	230	18	265	4	13.5
GST11		60	M20	120	8	100	18	64	120	433	300	230	18	265	4	14
											350	250	20	300	5	18
GST14		80	M20	160	15	125	22	85	160	533	350	250	22	300	5	18
											400	300	24	350	5	18

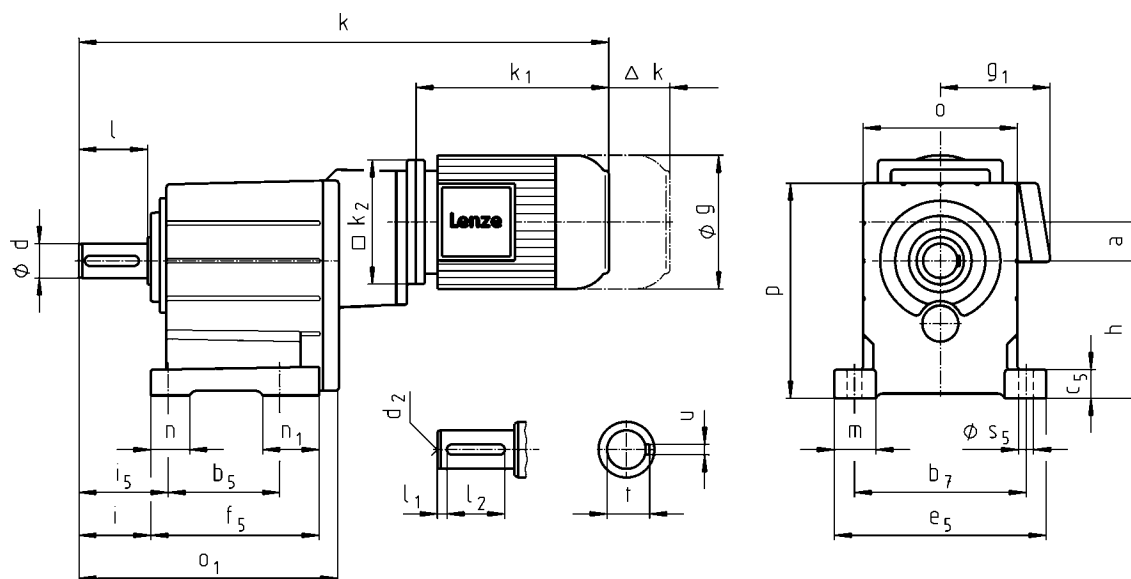
¹⁾ k₂ !



GST

GST [mm] - MD□MA (IE1)

GST□□-3M VBR



		063C11 063C12 063C31 063C32	063C42	071C11 071C13 071C31 071C32 071C33 071C42	080C11 080C13 080C31	080C32 080C33 080C42	090C11 090C31	090C32
g		123		139	156		176	
g₁	MDEMAXX	100		109	145		152	
	MDEMABR	107		118	132		137	
k₁	MDEMAXX	187		207	224.5		274	248
k₂		120			145		180	
	MDEMABR	40		52	73		68	
Δk	MDFMAXX				128			
	MDFMABR	170		165	183		181	
		k						
GST05		477		497	520			
GST06		520		540	563		622	596
GST07			587	607	630		689	663
GST09			668	688	711		770	744
GST11					787		846	820
GST14							970	944

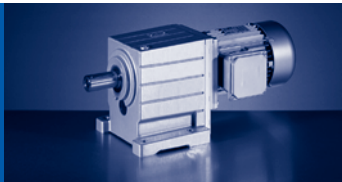


		100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41	132C21 132C22 132C32	160C22	160C32	180C12 180C32
g		194	218		258	310		348
g₁	MDEMAXX	161	171		195	210		230
	MDEMABR	147	158		187	210		230
k₁	MDEMAXX	309	319	363	403	457.5	501.5	561
k₂		180	222		265	300		
Δ k	MDEMABR	76	90		109.5	105		113
	MDFMAXX	109	102		115	149		
	MDFMABR	170	183		201.5	179		215
		k						
GST07		724						
GST09		805	821	865				
GST11		881	897	941	989			
GST14		1005	1021	1065	1113	1173	1217	1276

	a	h	o ¹⁾	p ¹⁾
GST05	35	100	115	158.5
GST06	34	125	145	198
GST07	42	160	180	251
GST09	52	200	222	311
GST11	66	250	270	385
GST14	83	315	328	479

	d	d	d ₂	l	l ₁	l ₂	u	t	i	i ₅	o ₁	b ₅	b ₇	c ₅	e ₅	f ₅	m	n	n ₁	s ₅
	k6	m6																		
GST05	25		M10	50	4	40	8	28	53	66	208	90	125	23	155	139	32.5	26	49	11
GST06	30		M10	60	6	45	8	33	64	79	240	106	160	28	196	157	38	35	52	13.5
GST07	40		M16	80	7	63	12	43	84	104	302	130	200	34	247	196	48.5	45	66	18
GST09	50		M16	100	8	80	14	53.5	105	127.5	370	165	245	44	298	239	54	48	74	18
GST11		60	M20	120	8	100	18	64	125	155	433	200	300	54	368	280	69	65	80	22
GST14		80	M20	160	15	125	22	85	165	200	533	250	380	65	460	340	85	85	91	26

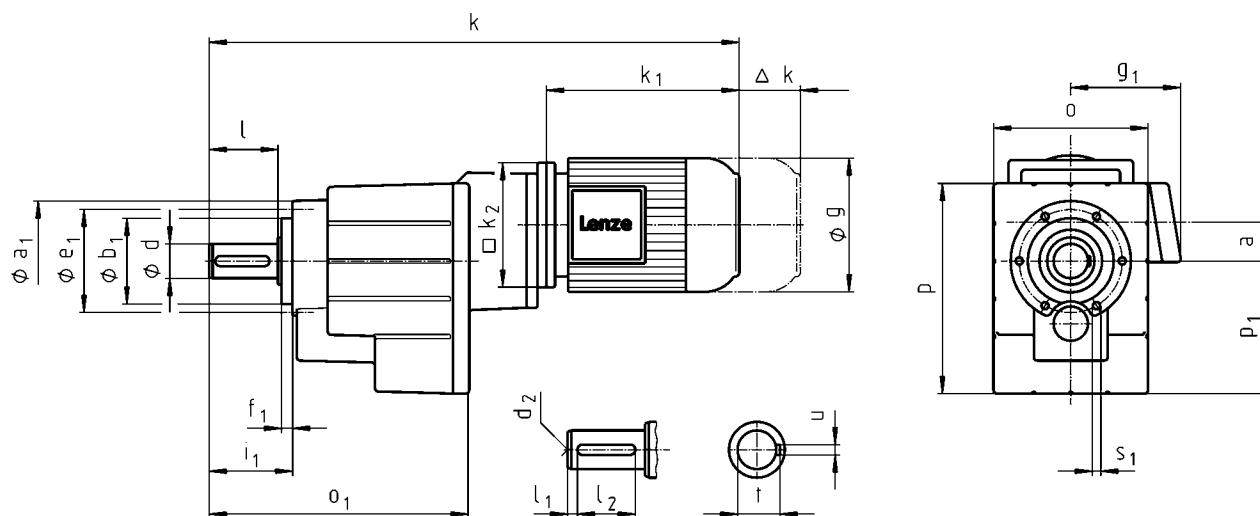
¹⁾ k₂ !



GST

GST [mm] - MD□MA (IE1)

GST□□-3M VCR



		063C11 063C12 063C31 063C32	063C42	071C11 071C13 071C31 071C32 071C33 071C42	080C11 080C13 080C31	080C32 080C33 080C42	090C11 090C31	090C32
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	248
k ₂		120			145		180	
Δ k	MDEMABR	40		52	73		68	
	MDFMAXX				128			
	MDFMABR	170		165	183		181	
		k						
GST05		477		497	520			
GST06		520		540	563		622	596
GST07			587	607	630		689	663
GST09			668	688	711		770	744
GST11					787		846	820
GST14							970	944

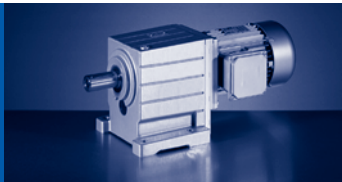


		100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41	132C21 132C22 132C32	160C22	160C32	180C12 180C32
g		194	218		258	310		348
g₁	MDEMAXX	161	171		195	210		230
	MDEMABR	147	158		187	210		230
k₁	MDEMAXX	309	319	363	403	457.5	501.5	561
k₂		180	222		265	300		
Δ k	MDEMABR	76	90		109.5	105		113
	MDFMAXX	109	102		115	149		
	MDFMABR	170	183		201.5	179		215
		k						
GST07		724						
GST09		805	821	865				
GST11		881	897	941	989			
GST14		1005	1021	1065	1113	1173	1217	1276

	a	o ¹⁾	p ¹⁾	p ₁
GST05	35	115	156	98
GST06	34	145	194	121
GST07	42	180	245	155
GST09	52	222	304	194
GST11	66	270	378	243
GST14	83	328	470	306

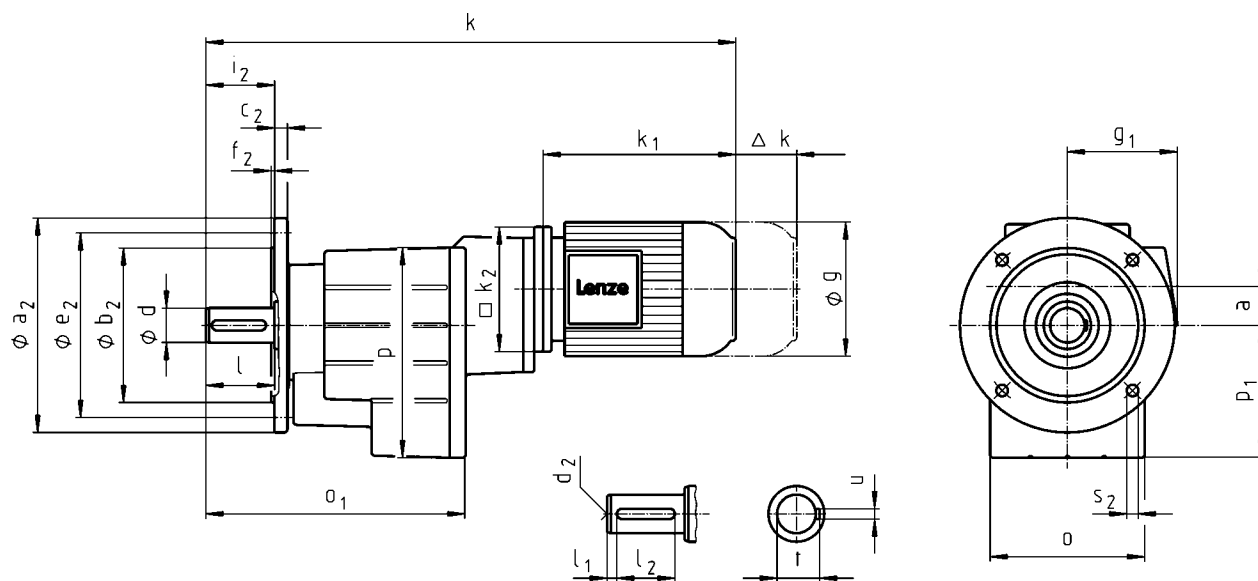
	d	d	d ₂	l	l ₁	l ₂	u	t	i ₁	o ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	k6	m6										h7			
GST05	25		M10	50	4	40	8	28	62	208	88	58	74	9	M6x12
GST06	30		M10	60	6	45	8	33	74	240	109	70	90	10	M8x14
GST07	40		M16	80	7	63	12	43	97	302	140	100	120	13	M10x18
GST09	50		M16	100	8	80	14	53.5	120	370	174	120	145	15	M12x20
GST11		60	M20	120	8	100	18	64	143	433	215	150	185	18	M16x26
GST14		80	M20	160	15	125	22	85	187	533	265	195	230	22	M20x34

¹⁾ k₂ !



GST GST [mm] - MD□MA (IE1)

GST□□-3M VCK



		063C11 063C12 063C31 063C32	063C42	071C11 071C13 071C31 071C32 071C33 071C42	080C11 080C13 080C31	080C32 080C33 080C42	090C11 090C31	090C32
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	248
k ₂		120			145		180	
	MDEMABR	40		52	73		68	
Δ k	MDFMAXX				128			
	MDFMABR	170		165	183		181	
		k						
GST05		477		497	520			
GST06		520		540	563		622	596
GST07			587	607	630		689	663
GST09			668	688	711		770	744
GST11					787		846	820
GST14							970	944

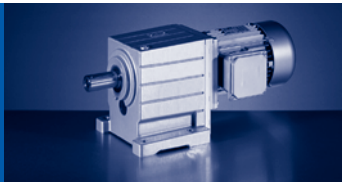


		100C12 100C31 100C32 100C41	112C22 112C31	112C32 112C41	132C21 132C22 132C32	160C22	160C32	180C12 180C32
g		194	218	258	310	348		
g₁	MDEMAXX	161	171	195	210	230		
	MDEMABR	147	158	187	210	230		
k₁	MDEMAXX	309	319	363	403	457.5	501.5	561
k₂		180	222	265	300			
Δ k	MDEMABR	76	90	109.5	105	113		
	MDFMAXX	109	102	115	149			
	MDFMABR	170	183	201.5	179	215		
		k						
GST07		724						
GST09		805	821	865				
GST11		881	897	941	989			
GST14		1005	1021	1065	1113	1173	1217	1276

	a	o ¹⁾	p ¹⁾	p ₁
GST05	35	115	156	98
GST06	34	145	194	121
GST07	42	180	245	155
GST09	52	222	304	194
GST11	66	270	378	243
GST14	83	328	470	306

	d	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	m6										j7				
GST05	25		M10	50	4	40	8	28	50	208	120 140 160 200	80 95 110 130	10 10 10 12	100 115 130 165	3 3 3.5 3.5	7 9 9 11
GST06	30		M10	60	6	45	8	33	60	240	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	40		M16	80	7	63	12	43	80	302	200 250	130 180	14 15	165 215	3.5 4	11 13.5
GST09	50		M16	100	8	80	14	53.5	100	370	250 300	180 230	16 18	215 265	4 4	13.5 13.5
GST11		60	M20	120	8	100	18	64	120	433	300 350	230 250	18 20	265 300	4 5	14 18
GST14		80	M20	160	15	125	22	85	160	533	350 400	250 300	22 24	300 350	5 5	18 18

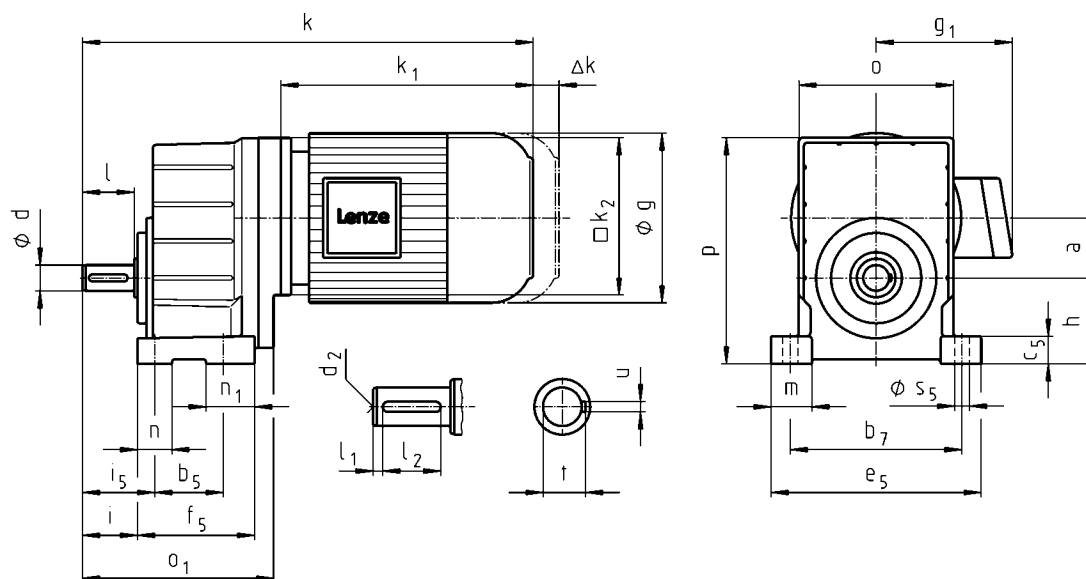
¹⁾ k₂ !



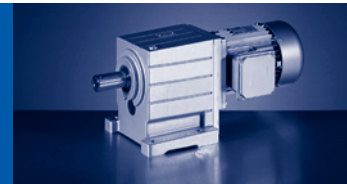
GST

GST [mm] - MH□MA (IE2)

GST□□-1M VBR



		080C32	090C12 090C32	100C12	100C32	112C22
g		156	176		194	218
g₁	MHEMAXX	145	152		161	171
	MHEMABR	132	137		147	158
k₁	MHEMAXX	224.5	274	309	324	363
k₂		145		180		222
Δk	MHEMABR	73	68		76	90
	MHFMAXX		128		109	102
	MHFMABR	183	181		170	183
k						
GST04		373	433			
GST05		394	454	489	504	
GST06		417	477	512	527	572
GST07		446	506	541	556	601
GST09			549	584	599	644

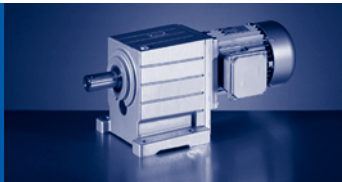


		132C12 132C22	160C22	160C32	180C12 180C32	180C42
g		258	310	348		
g₁	MHEMAXX	195	210	230		
	MHEMABR	187	210	230		
k₁	MHEMAXX	403	457.5	501.5	561	618
k₂		265	300			
Δ k	MHEMABR	109.5	105	113		
	MHFMAXX	115	149	155		
	MHFMABR	201.5	179	215		
		k				
GST07		649	708			
GST09		692	751	795	855	912

	a	h ¹⁾	o ¹⁾	p ¹⁾
GST04	36	50	100	138
GST05	45	63	115	168
GST06	56	80	145	211
GST07	70	100	180	264
GST09	89	125	222	329

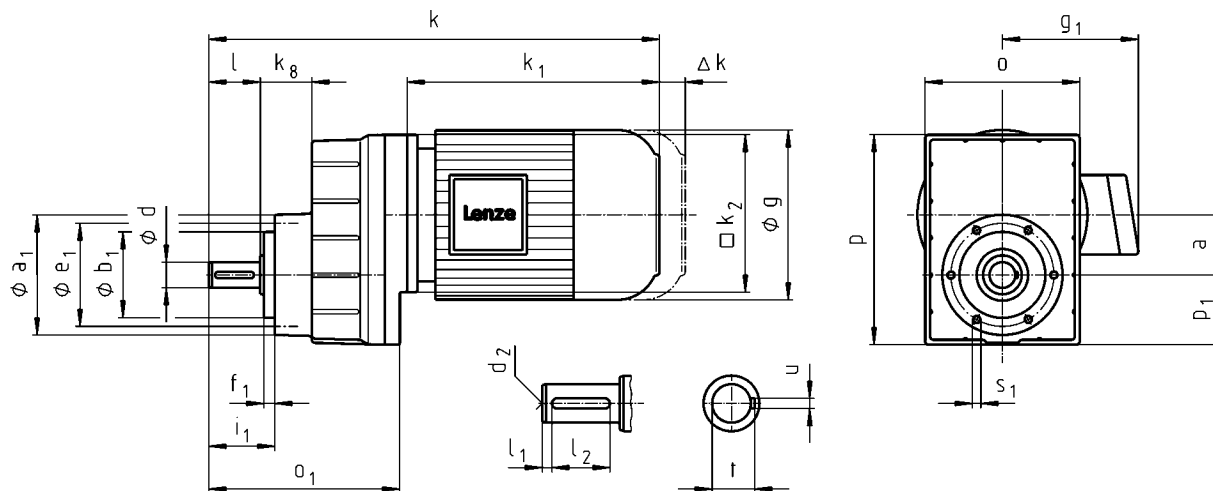
	d	d ₂	l	l ₁	l ₂	u	t	i	i ₅	o ₁	b ₅	b ₇	c ₅	e ₅	f ₅	m	n	n ₁	s ₅
	k6																		
GST04	16	M5	32	6	20	5	18	35	45	134	55	105	17	128	80	24	20	25	9
GST05	20	M6	40	6	28	6	22.5	43	56	165	70	125	22	154	99	32	26	29	11
GST06	25	M10	50	4	40	8	28	53	68	191	72	160	27	194	115	37	30	43	13.5
GST07	30	M10	60	7.5	45	8	33	64	84	223	80	200	35	245	137	48	40	57	18
GST09	40	M16	80	8.5	63	12	43	84	107	271	105	245	43	296	161	51	45	56	18

¹⁾ k₂ !

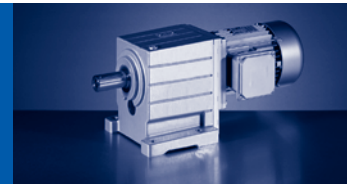


GST GST [mm] - MH□MA (IE2)

GST□□-1M VCR



		080C32	090C12 090C32	100C12	100C32	112C22
g		156	176	194		218
g₁	MHEMAXX	145	152	161		171
	MHEMABR	132	137	147		158
k₁	MHEMAXX	224.5	274	309	324	363
k₂		145		180		222
Δk	MHEMABR	73	68	76		90
	MHFMAXX	128		109		102
	MHFMA BR	183	181	170		183
k						
GST04		373	433			
GST05		394	454	489	504	
GST06		417	477	512	527	572
GST07		446	506	541	556	601
GST09			549	584	599	644

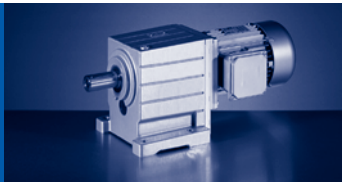


		132C12 132C22	160C22	160C32	180C12 180C32	180C42
g		258	310	348		
g₁	MHEMAXX	195	210	230		
	MHEMABR	187	210	230		
k₁	MHEMAXX	403	457.5	501.5	561	618
k₂		265	300			
Δ k	MHEMABR	109.5	105	113		
	MHFMAXX	115	149	155		
	MHFMABR	201.5	179	215		
		k				
GST07		649	708			
GST09		692	751	795	855	912

	a	k _g	o ¹⁾	p ¹⁾	p ₁
GST04	36	35	100	129	41
GST05	45	43	115	156	51
GST06	56	48	145	194	63
GST07	70	60	180	245	82
GST09	89	74	222	304	101

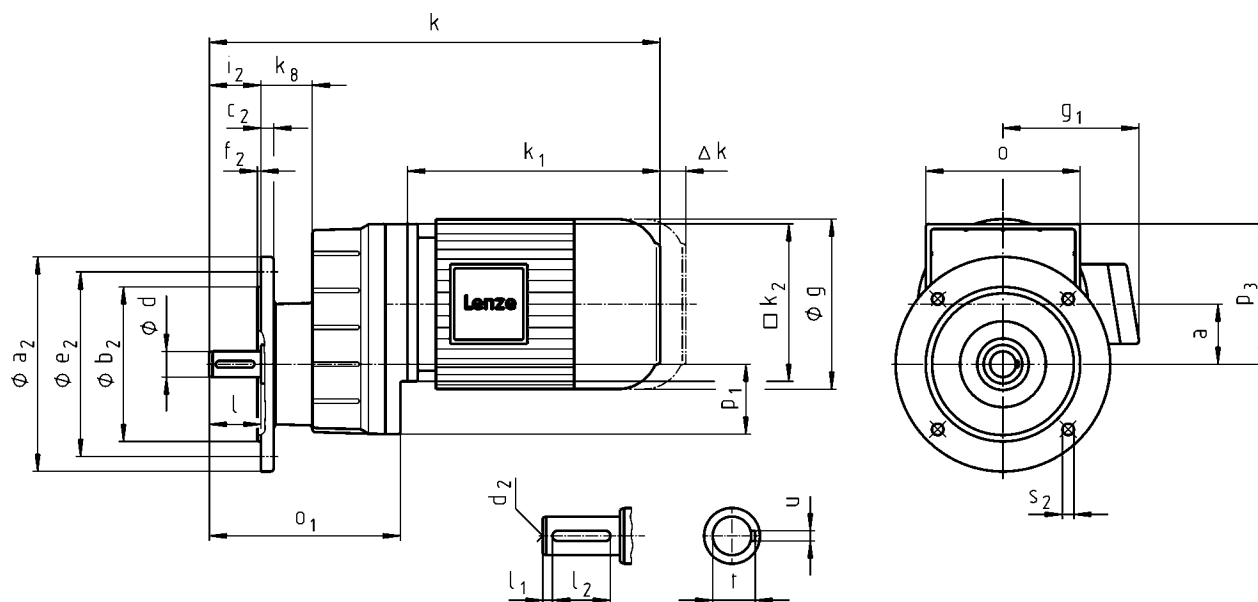
	d	d ₂	l	l ₁	l ₂	u	t	i ₁	o ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	k6										h7			
GST04	16	M5	32	6	20	5	18	43	134	72	48	61	8	M5x10
GST05	20	M6	40	6	28	6	22.5	52	165	88	58	74	9	M6x10
GST06	25	M10	50	4	40	8	28	64	191	109	70	90	11	M8x14
GST07	30	M10	60	7.5	45	8	33	77	223	140	100	120	13	M10x18
GST09	40	M16	80	8.5	63	12	43	100	271	174	120	145	15	M12x20

¹⁾ k₂ !

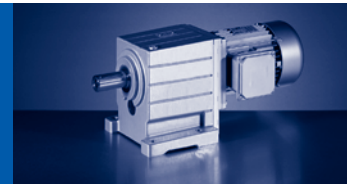


GST GST [mm] - MH□MA (IE2)

GST□□-1M VCK



		080C32	090C12 090C32	100C12	100C32	112C22
g		156	176	194		218
g₁	MHEMAXX	145	152	161		171
	MHEMABR	132	137	147		158
k₁	MHEMAXX	224.5	274	309	324	363
k₂		145		180		222
	MHEMABR	73	68	76		90
Δ k	MHFMAXX	128		109		102
	MHFMABR	183	181	170		183
		k				
GST04		373	433			
GST05		394	454	489	504	
GST06		417	477	512	527	572
GST07		446	506	541	556	601
GST09			549	584	599	644

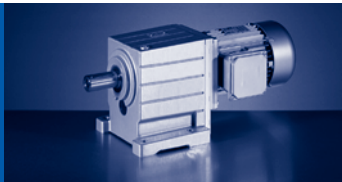


		132C12 132C22	160C22	160C32	180C12 180C32	180C42
g		258	310	348		
g₁	MHEMAXX	195	210	230		
	MHEMABR	187	210	230		
k₁	MHEMAXX	403	457.5	501.5	561	618
k₂		265	300			
Δ k	MHEMABR	109.5	105	113		
	MHFMAXX	115	149	155		
	MHFMABR	201.5	179	215		
		k				
GST07		649	708			
GST09		692	751	795	855	912

	a	k _g	o ¹⁾	p ₁	p ₃ ¹⁾
GST04	36	35	100	41	88
GST05	45	43	115	51	105
GST06	56	48	145	63	131
GST07	70	60	180	82	164
GST09	89	74	222	101	204

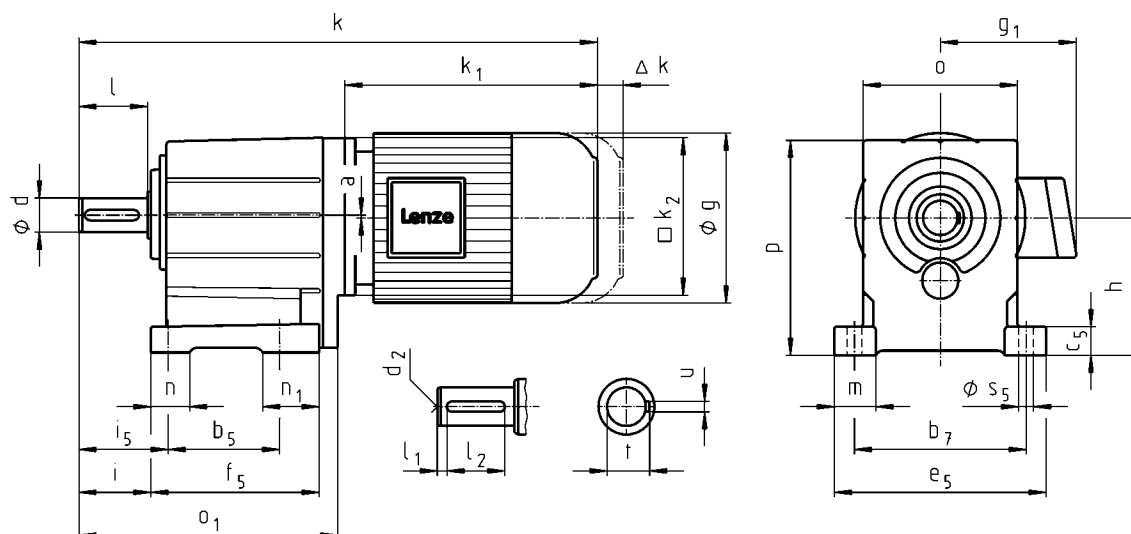
	d	d ₂	l	l ₁	l ₂	u	t	i ₂	o ₁	a ₂	b ₂	c ₂	e ₂	f ₂	s ₂
	k6										j7				
GST04	16	M5	32	6	20	5	18	32	134	120	80	10	100	3	7
										140	95	10	115	3	9
										160	110	10	130	3.5	9
GST05	20	M6	40	6	28	6	22.5	40	165	120	80	10	100	3	7
										140	95	10	115	3	9
										160	110	10	130	3.5	9
										200	130	12	165	3.5	11
GST06	25	M10	50	4	40	8	28	50	191	160	110	12	130	3.5	9
										200	130	12	165	3.5	11
GST07	30	M10	60	7.5	45	8	33	60	223	200	130	14	165	3.5	11
										250	180	15	215	4	13.5
GST09	40	M16	80	8.5	63	12	43	80	271	250	180	16	215	4	13.5
										300	230	18	265	4	13.5

¹⁾ k₂ !

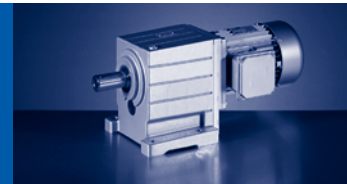


GST GST [mm] - MH□MA (IE2)

GST□□-2M VBR



		080C32	090C12 090C32	100C12	100C32	112C22
g		156	176	194		218
g₁	MHEMAXX	145	152	161		171
	MHEMABR	132	137	147		158
k₁	MHEMAXX	224.5	274	309	324	363
k₂		145		180		222
	MHEMABR	73	68	76		90
Δk	MHFMAXX	128		109		102
	MHFMABR	183	181	170		183
		k				
GST04		413	473			
GST05		443	503	538	553	
GST06		469	529	564	579	624
GST07		525	585	620	635	680
GST09			648	683	698	743
GST11				740	755	800
GST14						890

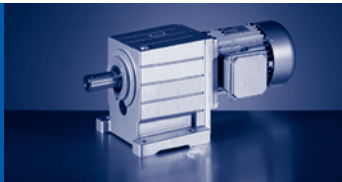


		132C12 132C22	160C22	160C32	180C12 180C32	180C42	225C12 225C22
g		258	310	348	447		
g₁	MHEMAXX	195	210	230	346		
	MHEMABR	187	210	230	346		
k₁	MHEMAXX	403	457.5	501.5	561	618	848
k₂		265		300			
Δ k	MHEMABR	109.5	105	113			
	MHFMAXX	115	149	155	213		
	MHFMABR	201.5	179	215	213		
k							
GST06		672					
GST07		728	787	831			
GST09		791	850	894	954	1011	
GST11		848	907	951	1011	1068	1298
GST14		938	997	1041	1101	1158	1388

	a	h ¹⁾	o ¹⁾	p ¹⁾
GST04	0	80	100	132
GST05	1	100	115	158.5
GST06	2	125	145	198
GST07	3	160	180	251
GST09	4	200	222	311
GST11	4	250	270	385
GST14	6	315	328	479

	d	d	d ₂	l	l ₁	l ₂	u	t	i	i ₅	o ₁	b ₅	b ₇	c ₅	e ₅	f ₅	m	n	n ₁	s ₅
	k6	m6																		
GST04	20		M6	40	5	28	6	22.5	43	53	174	76	105	18	129	112	24.5	20	36	9
GST05	25		M10	50	4	40	8	28	53	66	214	90	125	23	155	139	32.5	26	49	11
GST06	30		M10	60	6	45	8	33	64	79	243	106	160	28	196	157	38	35	52	13.5
GST07	40		M16	80	7	63	12	43	84	104	302	130	200	34	247	196	48.5	45	66	18
GST09	50		M16	100	8	80	14	53.5	105	127.5	370	165	245	44	298	239	54	48	74	18
GST11		60	M20	120	8	100	18	64	125	155	433	200	300	54	368	280	69	65	80	22
GST14		80	M20	160	15	125	22	85	165	200	533	250	380	65	460	340	85	85	91	26

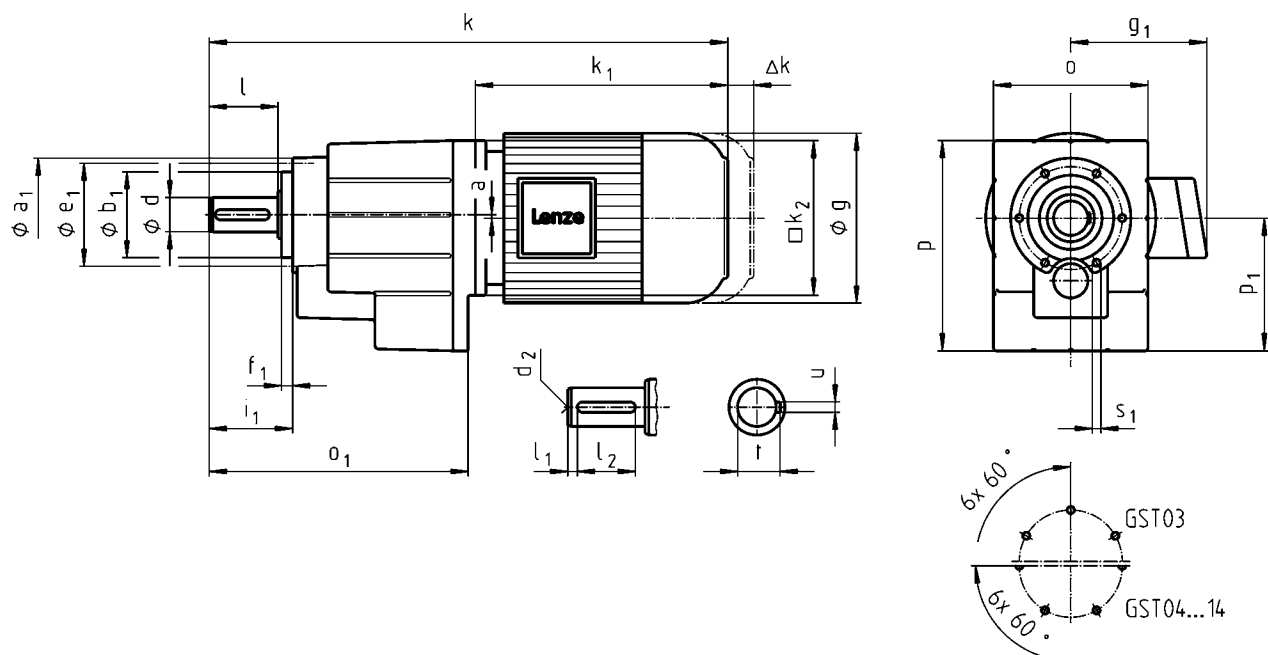
¹⁾ k₂ !



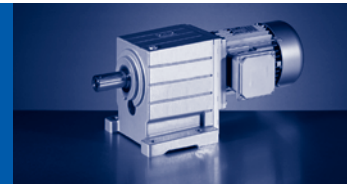
GST

GST [mm] - MH□MA (IE2)

GST□□-2M VCR



		080C32	090C12 090C32	100C12	100C32	112C22
g		156	176	194		218
g1	MHEMAXX	145	152	161		171
	MHEMABR	132	137	147		158
k1	MHEMAXX	224.5	274	309	324	363
k2		145		180		222
	MHEMABR	73	68	76		90
Δ k	MHFMAXX	128		109		102
	MHFABR	183	181	170		183
k						
GST04		413	473			
GST05		443	503	538	553	
GST06		469	529	564	579	624
GST07		525	585	620	635	680
GST09			648	683	698	743
GST11				740	755	800
GST14						890

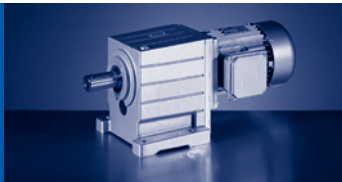


		132C12 132C22	160C22	160C32	180C12 180C32	180C42	225C12 225C22
g		258	310		348		447
g₁	MHEMAXX	195	210		230		346
	MHEMABR	187	210		230		346
k₁	MHEMAXX	403	457.5	501.5	561	618	848
k₂		265			300		
Δ k	MHEMABR	109.5	105			113	
	MHFMAXX	115		149		155	213
	MHFMABR	201.5	179		215		213
k							
GST06		672					
GST07		728	787	831			
GST09		791	850	894	954	1011	
GST11		848	907	951	1011	1068	1298
GST14		938	997	1041	1101	1158	1388

	a	o ¹⁾	p ¹⁾	p ₁
GST04	0	100	129	77
GST05	1	115	156	98
GST06	2	145	194	121
GST07	3	180	245	155
GST09	4	222	304	194
GST11	4	270	378	243
GST14	6	328	470	306

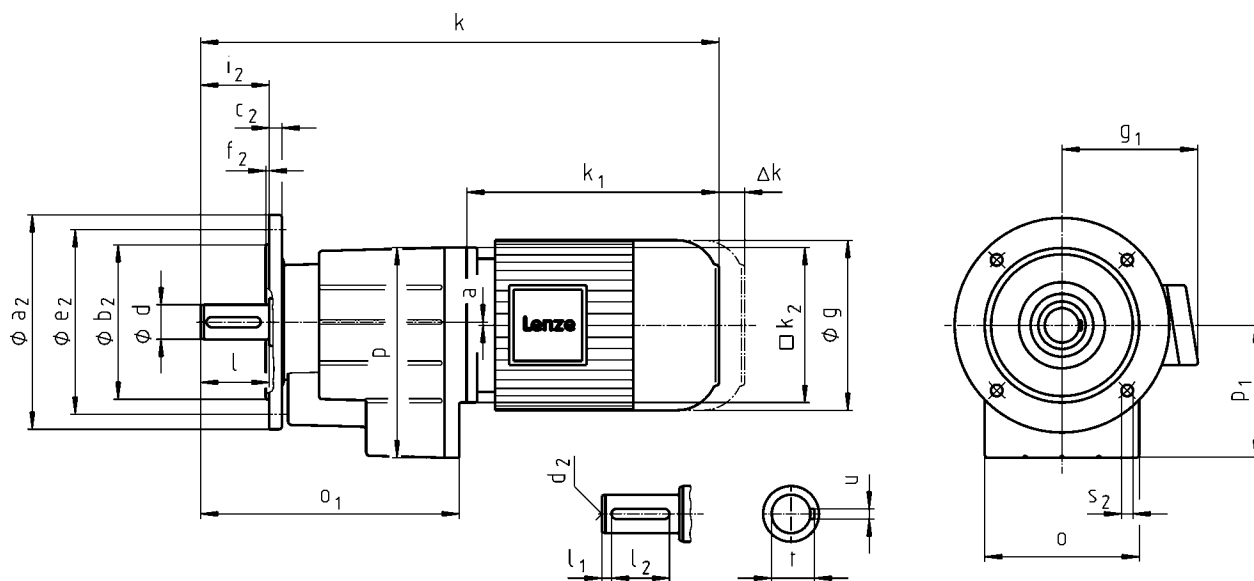
	d	d	d ₂	l	l ₁	l ₂	u	t	i ₁	o ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	k6	m6										h7			
GST04	20		M6	40	5	28	6	22.5	51	174	72	48	61	8	M5x10
GST05	25		M10	50	4	40	8	28	62	214	88	58	74	9	M6x12
GST06	30		M10	60	6	45	8	33	74	243	109	70	90	10	M8x14
GST07	40		M16	80	7	63	12	43	97	302	140	100	120	13	M10x18
GST09	50		M16	100	8	80	14	53.5	120	370	174	120	145	15	M12x20
GST11		60	M20	120	8	100	18	64	143	433	215	150	185	18	M16x26
GST14		80	M20	160	15	125	22	85	187	533	265	195	230	22	M20x34

¹⁾ k₂ !

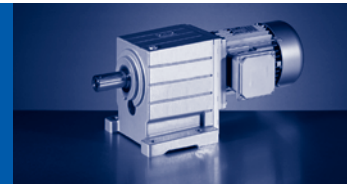


GST GST [mm] - MH□MA (IE2)

GST□□-2M VCK



		080C32	090C12 090C32	100C12	100C32	112C22
g		156	176	194		218
g₁	MHEMAXX	145	152	161		171
	MHEMABR	132	137	147		158
k₁	MHEMAXX	224.5	274	309	324	363
k₂		145		180		222
Δ k	MHEMABR	73	68	76		90
	MHFMAXX	128		109		102
	MHFMABR	183	181	170		183
k						
GST04		413	473			
GST05		443	503	538	553	
GST06		469	529	564	579	624
GST07		525	585	620	635	680
GST09			648	683	698	743
GST11				740	755	800
GST14						890

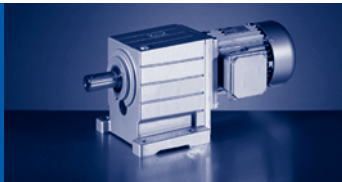


		132C12 132C22	160C22	160C32	180C12 180C32	180C42	225C12 225C22
g		258	310	348	447		
g₁	MHEMAXX	195	210	230	346		
	MHEMABR	187	210	230	346		
k₁	MHEMAXX	403	457.5	501.5	561	618	848
k₂		265		300			
Δ k	MHEMABR	109.5	105	113			
	MHFMAXX	115	149	155	213		
	MHFMABR	201.5	179	215	213		
k							
GST06		672					
GST07		728	787	831			
GST09		791	850	894	954	1011	
GST11		848	907	951	1011	1068	1298
GST14		938	997	1041	1101	1158	1388

	a	o ¹⁾	p ¹⁾	p ₁
GST04	0	100	129	77
GST05	1	115	156	98
GST06	2	145	194	121
GST07	3	180	245	155
GST09	4	222	304	194
GST11	4	270	378	243
GST14	6	328	470	306

	d	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	m6										j7				
GST04	20		M6	40	5	28	6	22.5	40	174	120 140 160	80 95 110	10 10 10	100 115 130	3 3 3.5	7 9 9
GST05	25		M10	50	4	40	8	28	50	214	120 140 160 200	80 95 110 130	10 10 10 12	100 115 130 165	3 3 3.5 3.5	7 9 9 11
GST06	30		M10	60	6	45	8	33	60	243	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	40		M16	80	7	63	12	43	80	302	200 250	130 180	14 15	165 215	3.5 4	11 13.5
GST09	50		M16	100	8	80	14	53.5	100	370	250 300	180 230	16 18	215 265	4 4	13.5 13.5
GST11		60	M20	120	8	100	18	64	120	433	300 350	230 250	18 20	265 300	4 5	14 18
GST14		80	M20	160	15	125	22	85	160	533	350 400	250 300	22 24	300 350	5 5	18 18

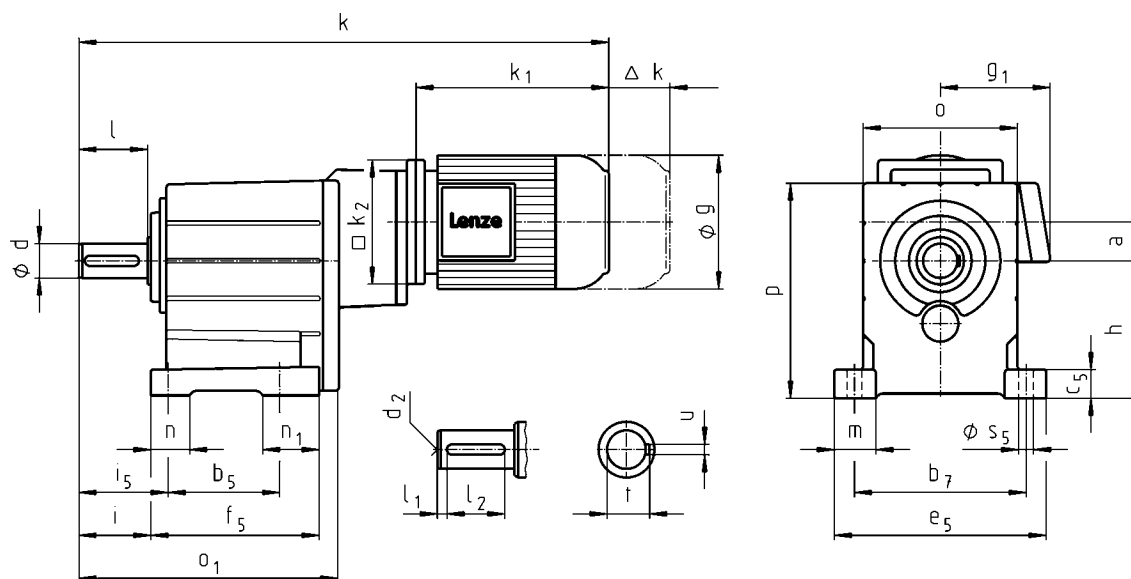
¹⁾ k₂ !



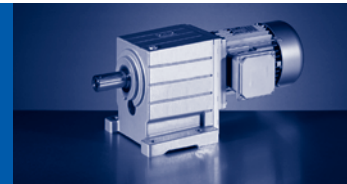
GST

GST [mm] - MH□MA (IE2)

GST□□-3M VBR



		080C32	090C12 090C32	100C12	100C32
g		156	176		194
g ₁	MHEMAXX	145	152		161
	MHEMABR	132	137		147
k ₁	MHEMAXX	224.5	274	309	324
k ₂		145		180	
	MHEMABR	73	68		76
Δ k	MHFMAXX		128		109
	MHFMABR	183	181		170
		k			
GST06		563	622		
GST07		630	689	724	739
GST09		711	770	805	820
GST11		787	846	881	896
GST14			970	1005	1020

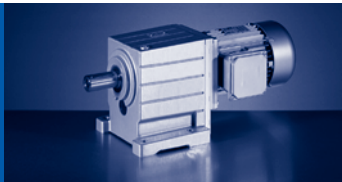


		112C22	132C12 132C22	160C22	160C32	180C12 180C32
g		218	258	310		348
g₁	MHEMAXX	171	195	210		230
	MHEMABR	158	187	210		230
k₁	MHEMAXX	363	403	457.5	501.5	561
k₂		222	265		300	
Δ k	MHEMABR	90	109.5	105		113
	MHFMAXX	102	115		149	
	MHFMABR	183	201.5	179		215
		k				
GST09		865				
GST11		941	989			
GST14		1065	1113	1173	1217	1276

	a	h	o ¹⁾	p ¹⁾
GST06	34	125	145	198
GST07	42	160	180	251
GST09	52	200	222	311
GST11	66	250	270	385
GST14	83	315	328	479

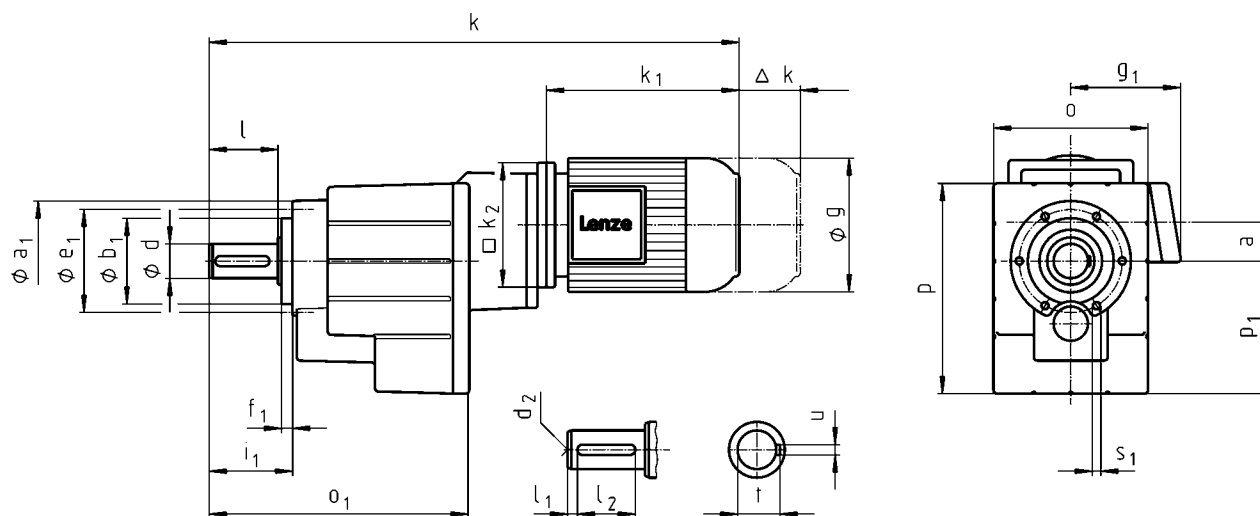
	d	d	d ₂	l	l ₁	l ₂	u	t	i	i ₅	o ₁	b ₅	b ₇	c ₅	e ₅	f ₅	m	n	n ₁	s ₅
	k6	m6																		
GST06	30		M10	60	6	45	8	33	64	79	240	106	160	28	196	157	38	35	52	13.5
GST07	40		M16	80	7	63	12	43	84	104	302	130	200	34	247	196	48.5	45	66	18
GST09	50		M16	100	8	80	14	53.5	105	127.5	370	165	245	44	298	239	54	48	74	18
GST11		60	M20	120	8	100	18	64	125	155	433	200	300	54	368	280	69	65	80	22
GST14		80	M20	160	15	125	22	85	165	200	533	250	380	65	460	340	85	85	91	26

¹⁾ k₂ !

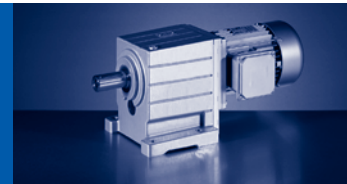


GST GST [mm] - MH□MA (IE2)

GST□□-3M VCR



		080C32	090C12 090C32	100C12	100C32
g		156	176		194
g ₁	MHEMAXX	145	152		161
	MHEMABR	132	137		147
k ₁	MHEMAXX	224.5	274	309	324
k ₂		145		180	
Δ k	MHEMABR	73	68		76
	MHFMAXX		128		109
	MHFMABR	183	181		170
k					
GST06		563	622		
GST07		630	689	724	739
GST09		711	770	805	820
GST11		787	846	881	896
GST14			970	1005	1020

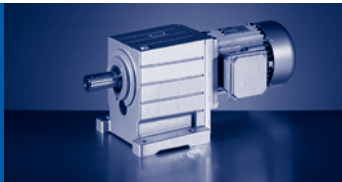


		112C22	132C12 132C22	160C22	160C32	180C12 180C32
g		218	258	310		348
g₁	MHEMAXX	171	195	210		230
	MHEMABR	158	187	210		230
k₁	MHEMAXX	363	403	457.5	501.5	561
k₂		222	265		300	
Δ k	MHEMABR	90	109.5	105		113
	MHFMAXX	102	115		149	
	MHFMABR	183	201.5	179		215
k						
GST09		865				
GST11		941	989			
GST14		1065	1113	1173	1217	1276

	a	o ¹⁾	p ¹⁾	P ₁
GST06	34	145	194	121
GST07	42	180	245	155
GST09	52	222	304	194
GST11	66	270	378	243
GST14	83	328	470	306

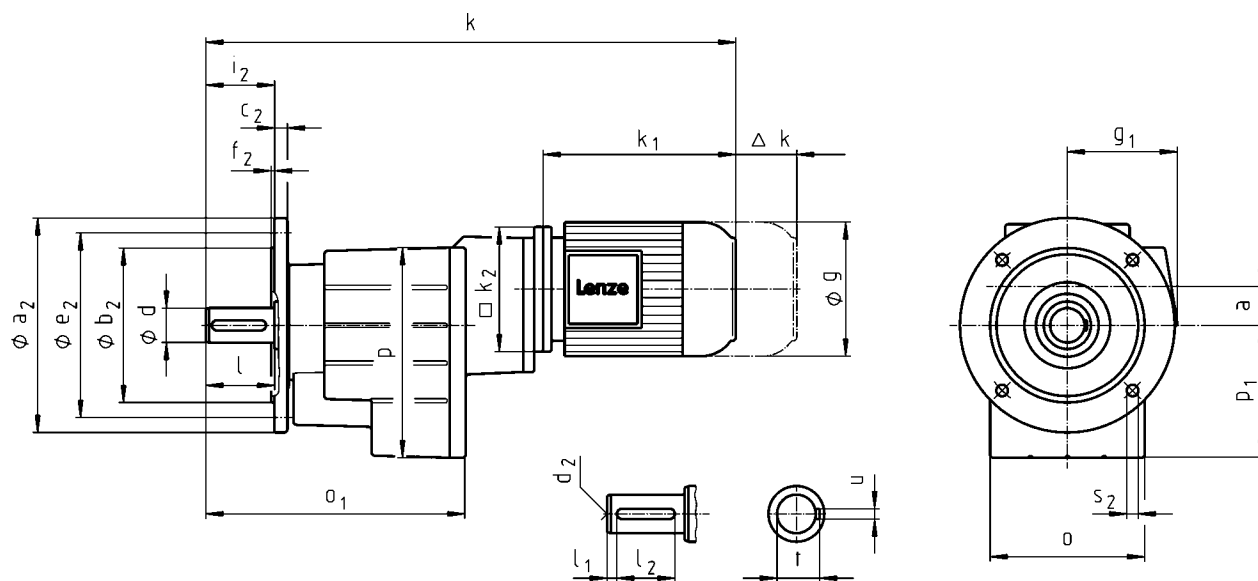
	d	d	d ₂	l	l ₁	l ₂	u	t	i ₁	o ₁	a ₁	b ₁	e ₁	f ₁	s ₁
	k6	m6										h7			
GST06	30		M10	60	6	45	8	33	74	240	109	70	90	10	M8x14
GST07	40		M16	80	7	63	12	43	97	302	140	100	120	13	M10x18
GST09	50		M16	100	8	80	14	53.5	120	370	174	120	145	15	M12x20
GST11		60	M20	120	8	100	18	64	143	433	215	150	185	18	M16x26
GST14		80	M20	160	15	125	22	85	187	533	265	195	230	22	M20x34

¹⁾ k₂ !

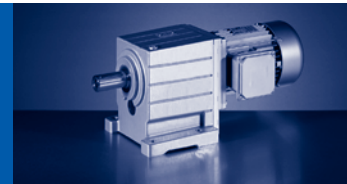


GST GST [mm] - MH□MA (IE2)

GST□□-3M VCK



		080C32	090C12 090C32	100C12	100C32
g		156	176		194
g₁	MHEMAXX	145	152		161
	MHEMABR	132	137		147
k₁	MHEMAXX	224.5	274	309	324
k₂		145		180	
	MHEMABR	73	68		76
Δ k	MHFMAXX	128			109
	MHFMABR	183	181		170
k					
GST06		563	622		
GST07		630	689	724	739
GST09		711	770	805	820
GST11		787	846	881	896
GST14			970	1005	1020

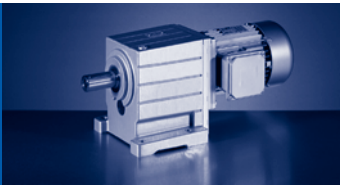


		112C22	132C12 132C22	160C22	160C32	180C12 180C32
g		218	258	310		348
g₁	MHEMAXX	171	195	210		230
	MHEMABR	158	187	210		230
k₁	MHEMAXX	363	403	457.5	501.5	561
k₂		222	265		300	
Δ k	MHEMABR	90	109.5	105		113
	MHFMAXX	102	115		149	
	MHFMABR	183	201.5	179		215
k						
GST09		865				
GST11		941	989			
GST14		1065	1113	1173	1217	1276

	a	o ¹⁾	p ¹⁾	P ₁
GST06	34	145	194	121
GST07	42	180	245	155
GST09	52	222	304	194
GST11	66	270	378	243
GST14	83	328	470	306

	d	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	m6										j7				
GST06	30		M10	60	6	45	8	33	60	240	160 200	110 130	12 12	130 165	3.5 3.5	9 11
GST07	40		M16	80	7	63	12	43	80	302	200 250	130 180	14 15	165 215	3.5 4	11 13.5
GST09	50		M16	100	8	80	14	53.5	100	370	250 300	180 230	16 18	215 265	4 4	13.5 13.5
GST11		60	M20	120	8	100	18	64	120	433	300 350	230 250	18 20	265 300	4 5	14 18
GST14		80	M20	160	15	125	22	85	160	533	350 400	250 300	22 24	300 350	5 5	18 18

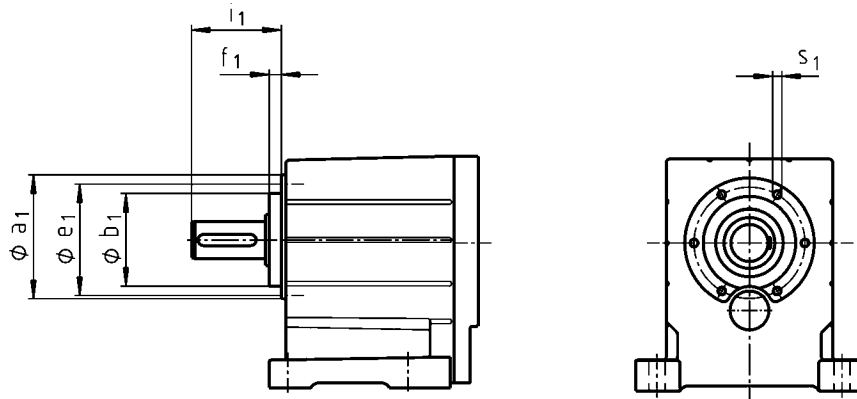
¹⁾ k₂ !



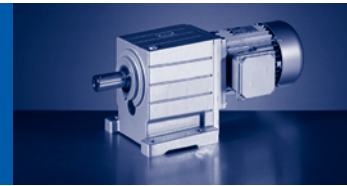
GST

GST & [mm] - Additional dimensions

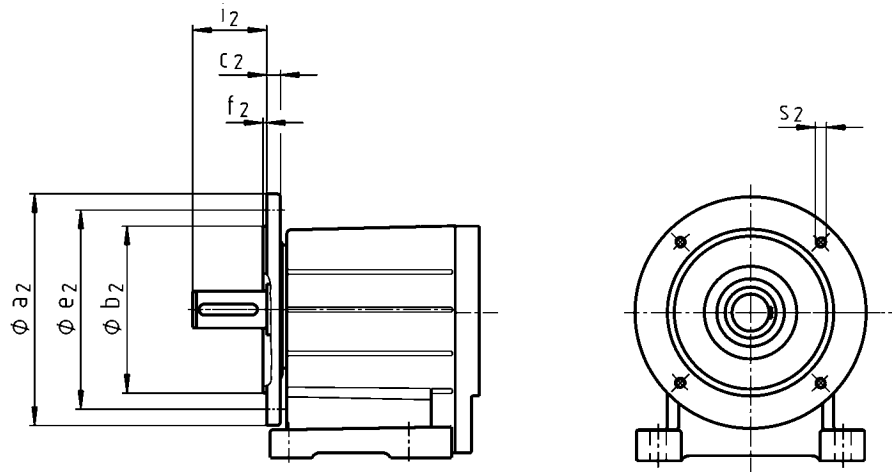
GST□□-2/3M VAR



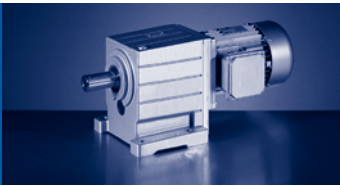
	a_1	b_1	e_1	f_1	i_1	s_1
		h7				
GST04	72	48	61	8.0	51.0	M5x10
GST05	88	58	74	9.0	62.0	M6x12
GST06	109	70	90	10.0	74.0	M8x14
GST07	140	100	120	13.0	97.0	M10x18
GST09	174	120	145	15.0	120.0	M12x20
GST11	215	150	185	18.0	143.0	M16x26
GST14	265	195	230	22.0	187.0	M20x34



GST□□-2/3M VAL



	a ₂	b ₂	c ₂	e ₂	f ₂	i ₂	s ₂
		j7					
GST04	120	80	10	100	3.0	40	M6
	140	95		115			M8
GST05	120	80		100		50	M6
	140	95		115			M8
GST06	160	110	12	130	3.5	60	M10
	200	130		165		80	
GST07	250	180	15	215	4.0	100	M12
GST09	300	230	18	265		120	
GST11	350	250	20	300	5.0	160	M16
GST14	400	300	22	350			
			24				



GST

GST & [mm] - Additional dimensions