

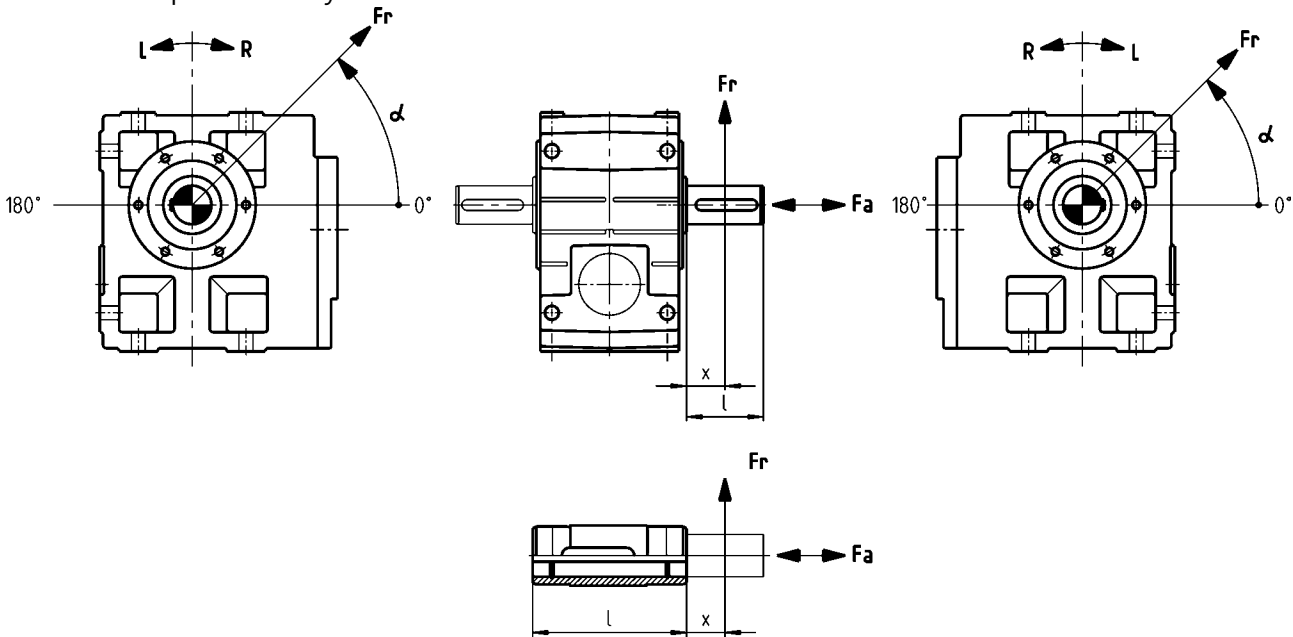
Permissible radial force

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

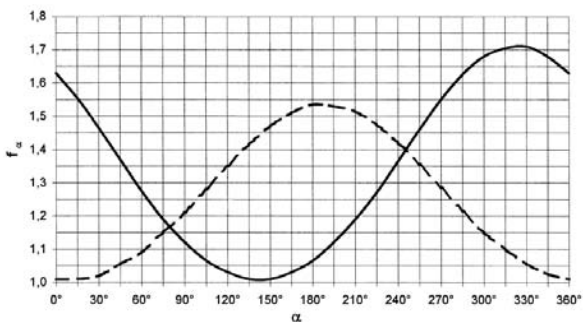
Permissible axial force

$$Fa_{zul} = Fa_{Tab} \text{ at } Fr = 0$$

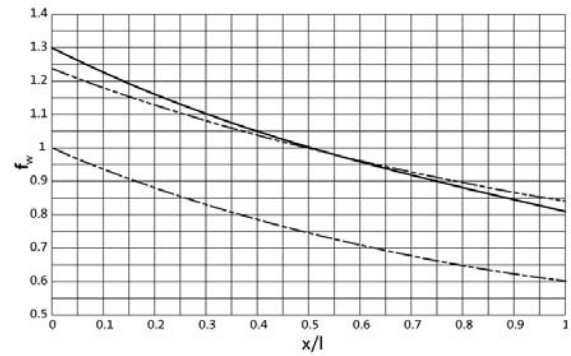
At Fr and $Fa \neq 0$ please contact your Lenze sales office.



Effective direction factor f_α at output shaft

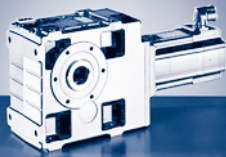


Additional load factor f_w at output shaft



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

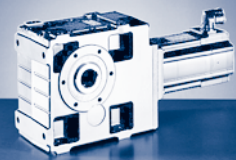
— Solid shaft (VQR)
 - - - Solid shaft with flange (VQK)
 - · - Hollow shaft (HQK)



Solid shaft without flange (V□R)														
Application of force Fr: centre of shaft journal (x = l/2)														
Fa _{Tab} only valid for Fr = 0														
	GKS04-3		GKS05-3/4		GKS06-3/4		GKS07-3/4		GKS09-3/4 ¹⁾		GKS11-3/4 ¹⁾		GKS14-3/4	
n ₂ [r/min]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]
630	2400	3300	2200	2800	2700	3500	-	-	-	-	-	-	-	-
400	3000	4200	2800	3500	3700	4440	4000	4900	6200	6500	7100	7000	57900	35000
250	3400	5000	3200	4240	4300	5580	4900	6230	6400	7400	7500	8000	61000	35000
160	3600	5500	3600	5090	4900	6930	5800	7820	7100	8000	8200	9200	64100	35000
100	3600	5500	4100	6160	5300	8710	6600	9940	8400	10500	10000	12000	65000	35000
63	3600	5500	4900	6600	6200	10000	8000	12600	9500	13000	11200	14500	65000	35000
40	3600	5500	5800	6600	7900	10000	9600	14000	11800	17000	13000	18500	65000	35000
25	3600	5500	5800	6600	9000	10000	12000	14000	16000	21000	19000	27000	65000	35000
≤ 16	3600	5500	5800	6600	9000	10000	12000	14000	18000	21000	23000	27000	65000	35000
Fr _{max}	3600	-	5800	-	9000	-	12000	-	18000	-	23000	-	65000	-

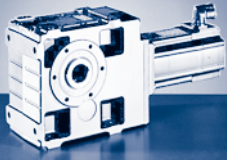
¹⁾ Reinforced output shaft bearings are available on request for V□R versions.

Solid shaft with flange (V□K)														
Application of force Fr: centre of shaft journal (x = l/2)														
Fa _{Tab} only valid for Fr = 0														
	GKS04-3		GKS05-3/4		GKS06-3/4		GKS07-3/4		GKS09-3/4		GKS11-3/4		GKS14-3/4	
n ₂ [r/min]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]	Fr _{Tab} [N]	Fa _{Tab} [N]
630	3100	3300	3800	2900	4700	3700	-	-	-	-	-	-	-	-
400	3800	4200	4640	3630	6400	4660	7000	5700	9900	6000	14500	7000	20500	8400
250	4300	4400	5420	4440	7500	5880	8250	7000	10500	6600	16000	7500	23700	10000
160	4600	4400	6280	5420	8800	7320	9630	8500	12000	7600	17600	8500	27200	11500
100	4600	4400	7000	6600	9800	9230	11000	10400	14000	10000	21000	10500	31300	13000
63	4600	4400	7000	6600	10000	10000	13000	11500	15000	12000	24500	13000	35000	15000
40	4600	4400	7000	6600	10000	10000	14000	11500	15000	15000	28000	17500	41000	19000
25	4600	4400	7000	6600	10000	10000	14000	11500	15000	17000	30000	27000	43000	28000
≤ 16	4600	4400	7000	6600	10000	10000	14000	11500	15000	17000	30000	27000	43000	35000
Fr _{max}	4600	-	7000	-	10000	-	14000	-	15000	-	30000	-	43000	-



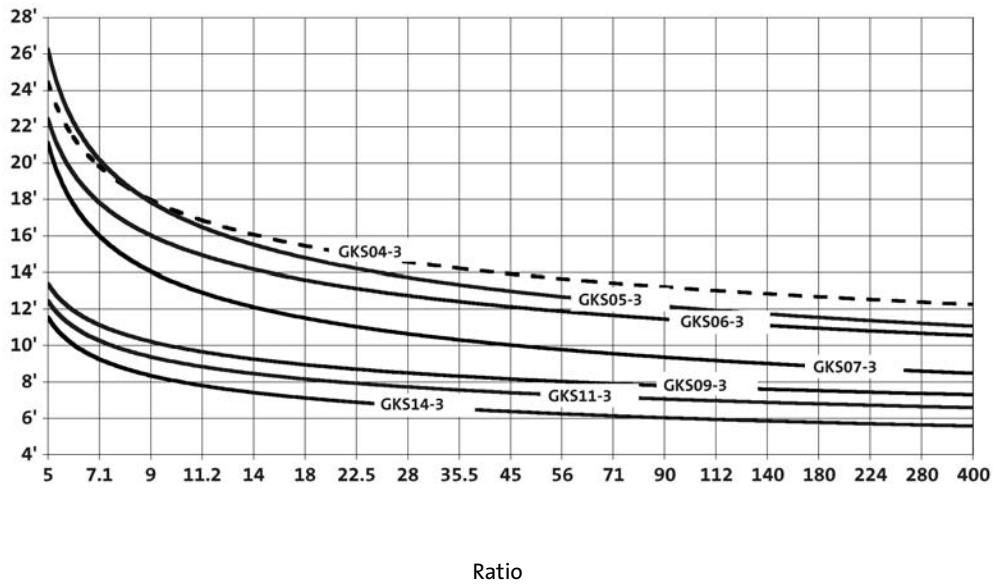
Hollow shaft (H□□)														
Application of force F_r : on hollow shaft end face ($x = 0$)														
$F_{a_{Tab}}$ only valid for $F_r = 0$														
	GKS04-3		GKS05-3/4		GKS06-3/4		GKS07-3/4		GKS09-3/4		GKS11-3/4		GKS14-3/4	
n_2 [r/min]	$F_{r_{Tab}}$ [N]	$F_{a_{Tab}}$ [N]	$F_{r_{Tab}}$ [N]	$F_{a_{Tab}}$ [N]	$F_{r_{Tab}}$ [N]	$F_{a_{Tab}}$ [N]	$F_{r_{Tab}}$ [N]	$F_{a_{Tab}}$ [N]	$F_{r_{Tab}}$ [N]	$F_{a_{Tab}}$ [N]	$F_{r_{Tab}}$ [N]	$F_{a_{Tab}}$ [N]	$F_{r_{Tab}}$ [N]	$F_{a_{Tab}}$ [N]
630	3100	3300	2400	2800	3000	3500	-	-	-	-	-	-	-	-
400	3900	4200	3500	3500	4600	4440	5400	4900	7500	6500	9000	7000	15000	6000
250	4500	5000	4200	4240	5600	5580	6300	6230	8200	7400	10000	8000	15500	8000
160	5100	5500	4630	5090	6400	6930	7400	7820	9400	8000	11000	9200	16500	10000
100	5900	5500	5000	6160	7000	8710	8700	9940	10600	10500	14000	12000	17500	13000
63	6800	5500	6200	6600	8200	10000	10500	12600	12200	13000	16000	14500	18500	16000
40	7000	5500	7300	6600	10400	10000	12500	14000	15500	17000	18500	18500	21000	20000
25	7000	5500	7300	6600	12000	10000	15100	14000	21000	21000	25000	27000	28000	28000
≤ 16	7000	5500	7300	6600	12000	10000	16000	14000	24000	21000	30000	27000	40000	35000
$F_{r_{max}}$	7000	-	7300	-	12000	-	16000	-	24000	-	30000	-	45000	-

- ▶ Neither radial nor axial forces are permissible for the hollow shaft with shrink disc (S□□).

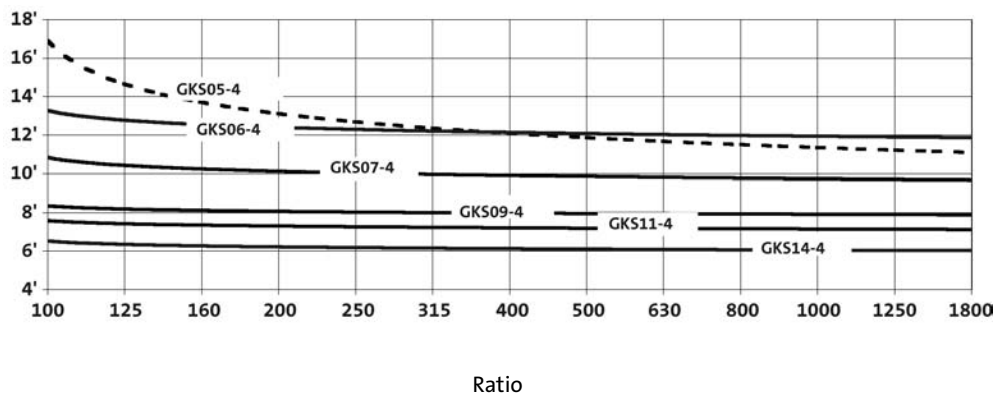


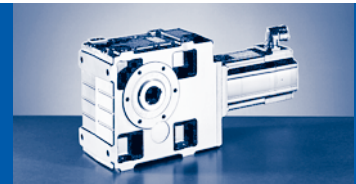
Output backlash in angular minutes

GKS04...14-3



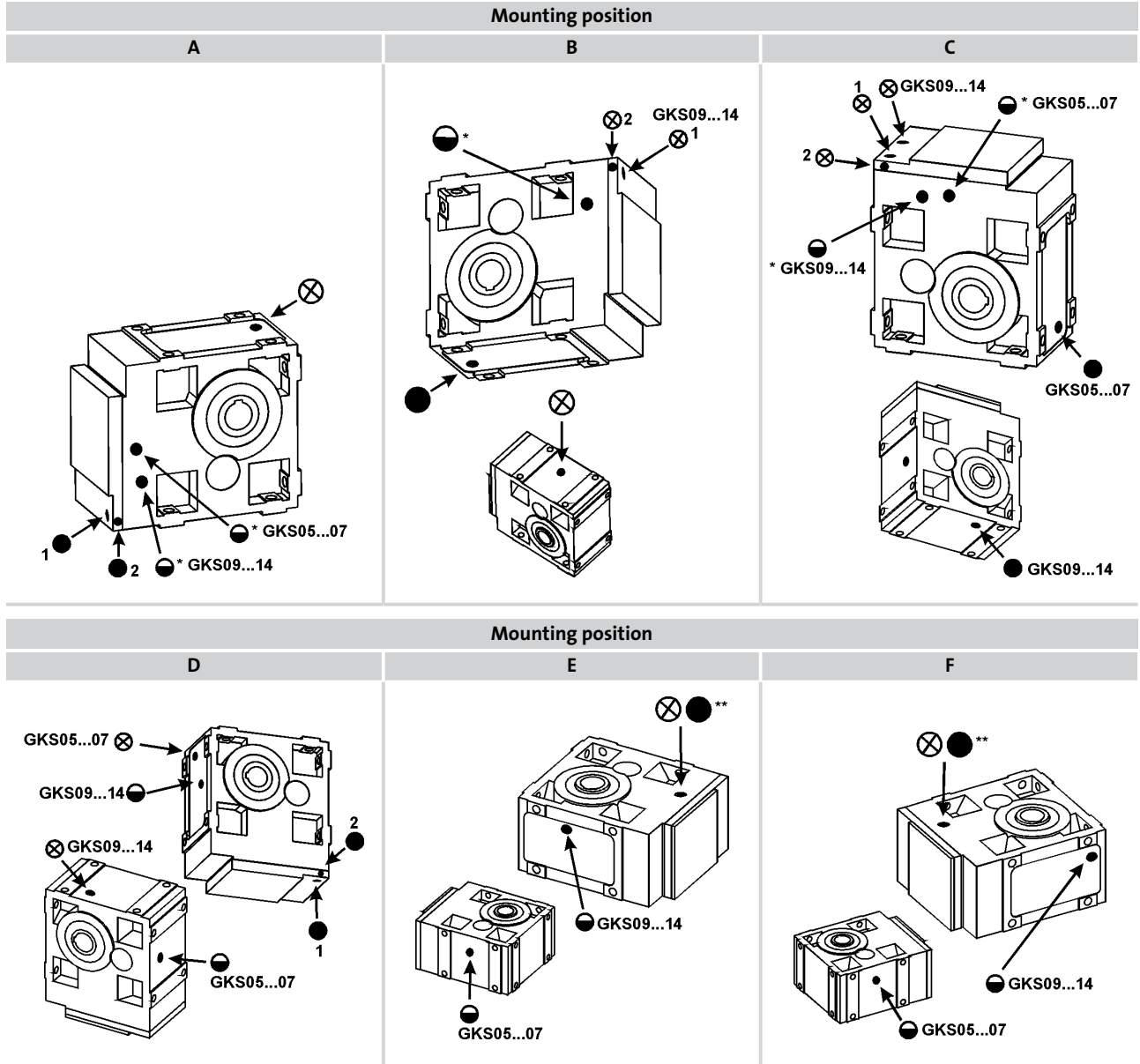
GKS05...14-4





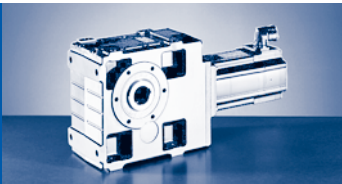
Position of ventilation, sealing elements and oil control

GKS05...14-3



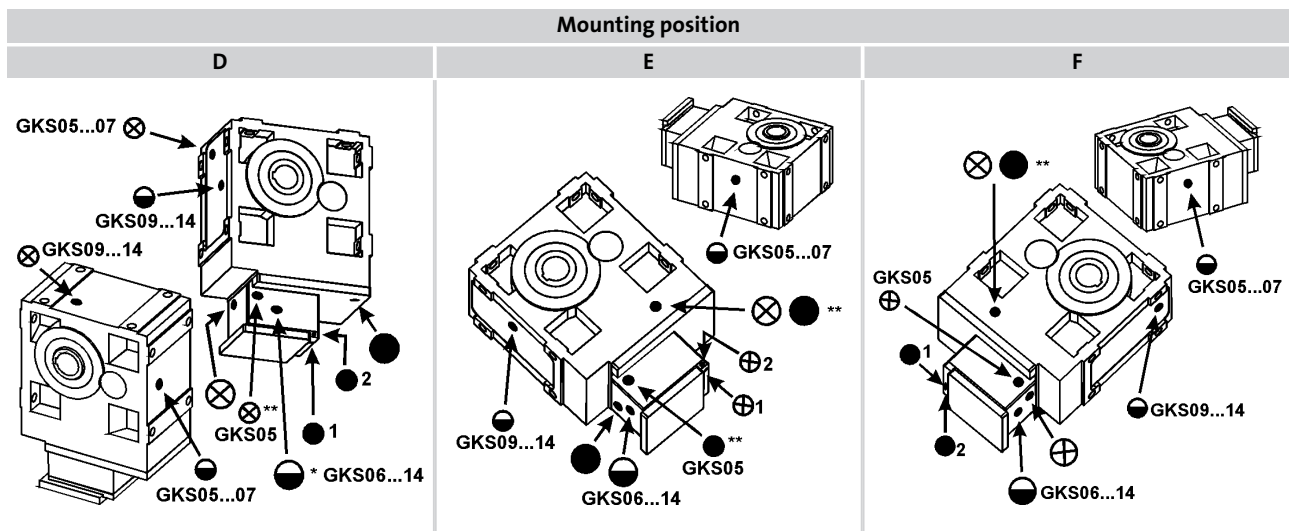
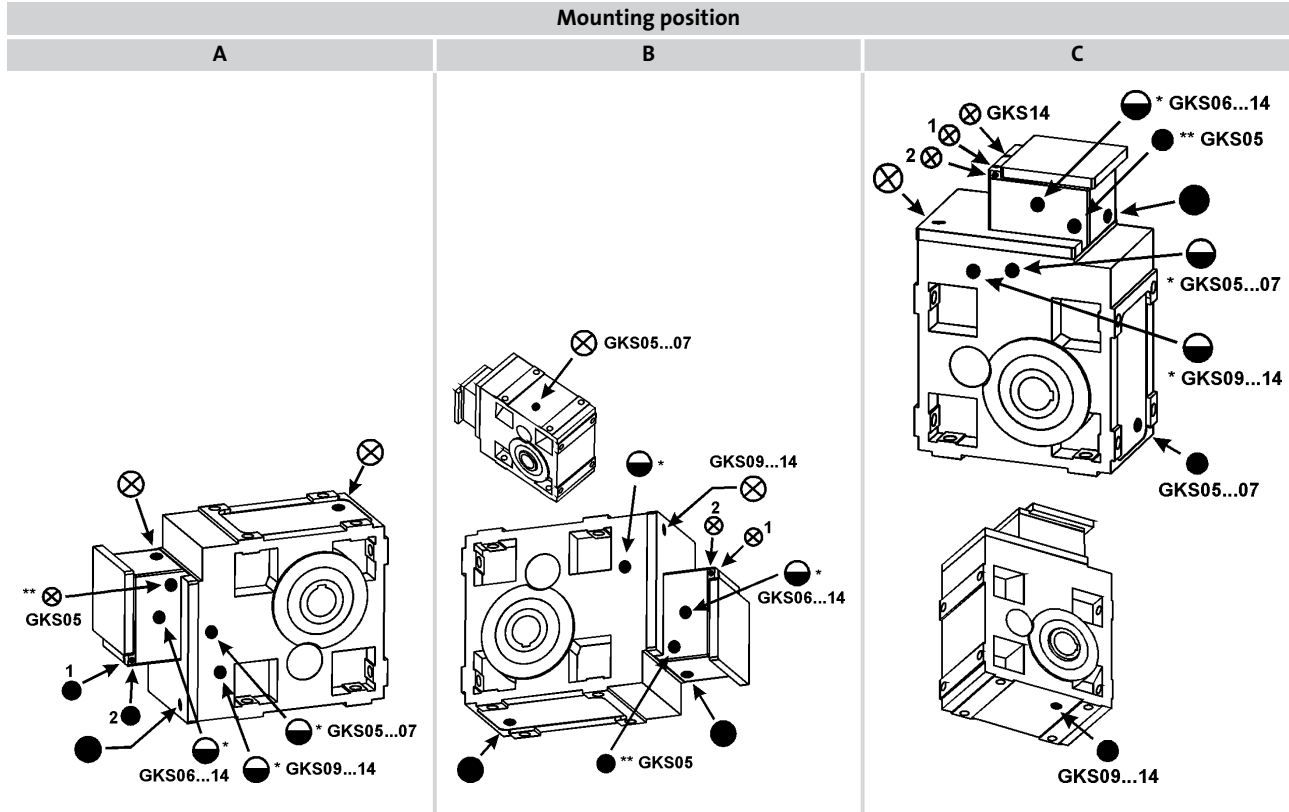
- ⊗ Ventilation/oil filler plug
- Oil drain plug
- Oil control plug
- * On both sides
- ** Opposite

Pos.1 standard
 Pos.2 only on GKS05-3A □□□ 14LC□□



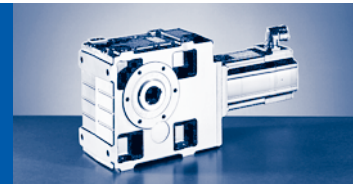
Position of ventilation, sealing elements and oil control

GKS05...14-4

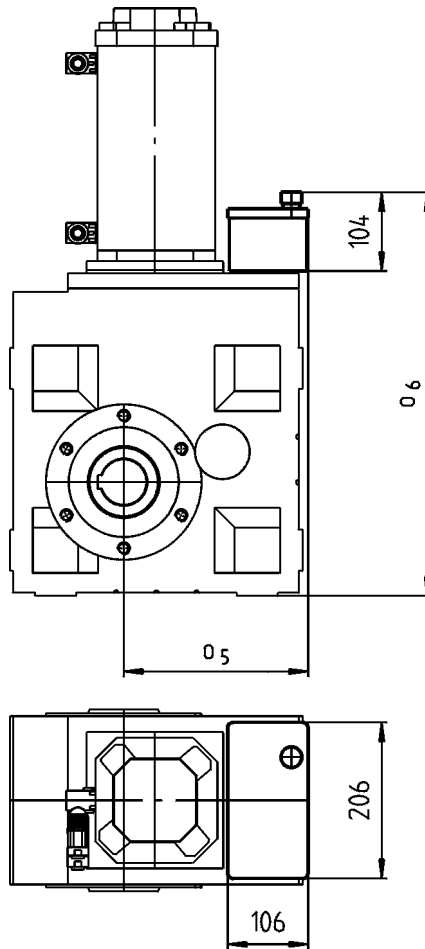


- ⊗ Ventilation/oil filler plug
- Oil drain plug
- Oil control plug
- * On both sides
- ** Opposite

Pos.1 standard
 Pos.2 only on GKS07-4A □□□ 14LC□□

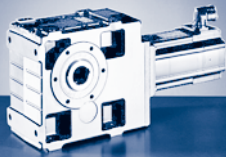


Compensation reservoir for mounting position C



GKS□□-3A...		14LC□□ ¹⁾	17NC□□ ¹⁾	19SC□□ ¹⁾	21XC□□ ¹⁾	GKS□□-3S...		12□C□□	14□C□□	19□C□□	
GKS09...	o ₅	243			265	282	GKS09...	o ₅	243		282
	o ₆	533						o ₆	533		
GKS11...	o ₅	258		280	304	GKS11...	o ₅	258		304	
	o ₆	626			630		o ₆	626		630	
GKS14...	o ₅				313	343	GKS14...	o ₅			343
	o ₆				739			o ₆			739

¹⁾ Connector/terminal box position 4 is not permitted.



GKS [kg]

GKS□□-3S HAR/HBR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS04...	14	15		17	18	19	21							
GKS05...	23		24	25	26	27	29			32		35		
GKS06...	38		39	40	41	42	44	43		46		49		
GKS07...				66	67	68	70	69		73		76		
GKS09...								119		122		125		

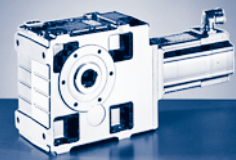
	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS06...	48		53		58		63							
GKS07...	75		79		84		89		91		98		108	
GKS09...	124		129		133		138		140		147		157	
GKS11...	224		229		233		238		239		246		256	
GKS14...								409		416		426		

GKS□□-4S HAR/HBR...RSO B0

	06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS05...	25		26	28	29	30	32							
GKS06...	42		43	45	46	47	49							
GKS07...	71		72	73	74	75	77			80		83		
GKS09...	125		126	127	128	129	131	130		133		137		
GKS11...				235	236	237	239	238		242		245		
GKS14...								425		428		431		

	14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30
GKS09...	135		140		145		150							
GKS11...	244		249		253		258		261		268		278	
GKS14...	430		435		439		444		446		453		463	

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



GKS□□-3A HAR/HBR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS04...	18	23	24						
GKS05...	28	32	34		38		40		
GKS06...	42	46	48		52		54		60
GKS07...	68	72	74		78		80		86
GKS09...					126		128		134
GKS11...					226		228		234
GKS14...									

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS05...										
GKS06...	63									
GKS07...	88		109		112		126		129	
GKS09...	137		157		160		175		178	
GKS11...	236		256		259		273		276	
GKS14...			427		430		441		445	

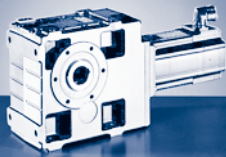
GKS□□-4A HAR/HBR...RSO B0

	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS05...	29	33	35						
GKS06...	46	50	52						
GKS07...	76	80	82		86		88		
GKS09...	129	133	135		139		141		147
GKS11...	237	241	243		247		249		255
GKS14...					432		434		440

	17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS09...	150									
GKS11...	257		278		282		295		299	
GKS14...	443		463		466		481		484	

Note additional weights.

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



GKS [kg]

Additional weights MCS servo motors

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

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

Additional weights MCA servo motors

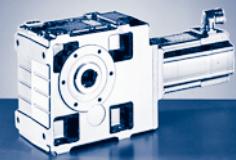
	10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
...P1/P5								2.4	
...P2/P6	0.8	1.4		1.5					
...CDD ...ECN/EQN/EQI ...SCS/SCM/SRM/SRS/S20 ...T20	0.3	0.5		0.6				0.7	

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

Additional weights gearbox

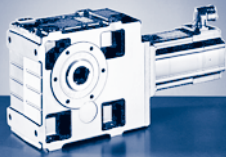
	Solid shaft	2nd output shaft end	Hollow shaft with shrink disc	Flange	Casing foot torque plate	Threaded hole circle torque plate
	V□□	V□□	S□□	□□K		
GKS04...	0.6	0.2	0.6	2.5	1.3	0.9
GKS05...	1	0.3	0.8	4	2.2	1.3
GKS06...	2.5	0.8	1	7	3.7	2.1
GKS07...	5	1.5	1.5	11	6.6	3.7
GKS09...	8	2.7	3	16	13	
GKS11...	16	6.3	5	24	23	
GKS14...	33	12	11	33	44	

Weights in [kg]



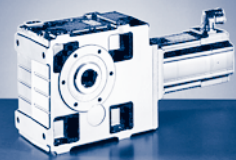
► $i_g = z_g / z_t$

	i	z_g	z_t
GKS04-3	5.123	67620	13200
	7.025	77280	11000
	8.167	73500	9000
	8.991	83076	9240
	9.836	108192	11000
	11.730	77420	6600
	13.067	78400	6000
	14.333	90300	6300
	16.087	88480	5500
	17.920	89600	5000
	20.588	95116	4620
	22.522	123872	5500
	25.088	125440	5000
	28.727	132720	4620
	32.000	134400	4200
	35.191	139356	3960
	39.200	141120	3600
	44.240	145992	3300
	50.943	168112	2640
	56.976	150416	2772
	64.978	180120	2420
	72.210	174748	2376
	79.598	189126	1980
	90.491	179172	1800
	100.067	198132	1584
	111.467	200640	1440
	128.874	204136	1452
	143.556	206720	1320
	163.332	237158	1188
	181.939	240160	1080
204.682	243162	924	
228.000	246240	840	
269.660	249166	840	
300.381	252320	840	
GKS05-3	6.863	73500	10710
	9.412	84000	8925
	10.569	80850	7650
	11.667	83300	7140
	13.176	117600	8925
	14.494	92400	6375
	16.000	95200	5950
	17.054	86975	5100
	19.216	88200	4590
	23.388	99400	4250
26.353	100800	3825	



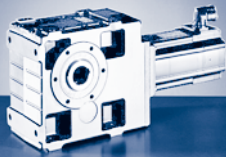
► $i_g = z_g / z_t$

	i	z_g	z_t
GKS05-3	29.931	106855	3570
	32.744	139160	4250
	36.894	141120	3825
	41.765	149100	3570
	47.059	151200	3213
	51.162	156555	3060
	57.647	158760	2754
	66.592	203770	3060
	75.033	206640	2754
	82.833	168980	2040
	93.333	171360	1836
	107.196	218680	2040
	120.784	221760	1836
	130.097	221165	1700
	146.588	224280	1530
	166.276	226135	1360
	187.353	229320	1224
	211.200	228096	1080
	227.484	227484	1000
	256.320	230688	900
290.745	232596	800	
327.600	235872	720	
GKS05-4	95.238	8568000	89964
	114.987	8796480	76500
	126.933	9063040	71400
	146.667	9424800	64260
	161.905	9710400	59976
	185.547	9462880	51000
	209.067	9596160	45900
	225.867	10367280	
	236.667	10138800	42840
	289.917	10645740	36720
	326.667	10795680	33048
	364.467	11152680	30600
	410.667	11309760	27540
	469.389	11490640	24480
	510.000	13109040	25704
	528.889	11652480	22032
	594.894	13349420	22440
	670.303	13537440	20196
	820.760	11818944	14400
	924.800	11985408	12960
1040.215	13730832	13200	
1172.073	13924224	11880	
1303.560	14078448	10800	



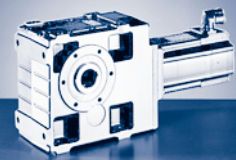
► $i_g = z_g / z_t$

	i	z_g	z_t
GKS05-4	1468.800	14276736	9720
	1717.389	14426064	8400
	1935.086	14629248	7560
GKS06-3	6.485	66150	10200
	9.196	70350	7650
	10.147	72450	7140
	11.382	81270	
	12.612	80400	6375
	14.824	75600	5100
	16.699	76650	4590
	17.809	89010	4998
	20.329	86400	4250
	22.902	87600	3825
	26.017	92880	3570
	28.461	120960	4250
	32.063	122640	3825
	36.303	129600	3570
	41.472	103680	2500
	44.471	136080	3060
	53.074	111456	2100
	57.882	177120	3060
	65.207	179580	2754
	72.000	146880	2040
	81.111	148920	1836
	93.176	190080	2040
	104.967	192720	1836
	113.082	192240	1700
	127.392	194910	1530
	142.941	194400	1360
	161.029	197100	1224
	190.080	228096	1200
	214.133	231264	1080
	230.688	230688	1000
259.880	233892	900	
291.600	233280	800	
328.500	236520	720	
GKS06-4	103.721	7776000	74970
	113.205	10184400	89964
	127.059	8164800	64260
	140.816	8445600	59976
	155.647	8573040	55080
	174.336	11202840	64260
	202.588	11158560	55080
	224.524	11542320	51408
	252.000	9253440	36720



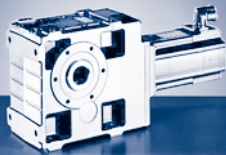
► $i_g = z_g / z_t$

	i	z _g	z _t
GKS06-4	279.286	9571680	34272
	316.800	9694080	30600
	361.429	12386880	34272
	408.000	9987840	24480
	458.067	14390640	31416
	517.091	11603520	22440
	555.927	14554170	26180
	640.800	13072320	20400
	696.668	14922630	21420
	812.137	15186960	18700
	914.907	15397890	16830
	1017.741	15571440	15300
	1146.529	15787710	13770
	1340.834	15955920	11900
	1510.507	16177530	10710
	GKS07-3	5.955	65280
8.254		74880	9072
9.171		71808	7830
10.124		73984	7308
11.378		107520	9450
12.711		82368	6480
14.798		77248	5220
16.674		78336	4698
17.270		91392	5292
20.511		88608	4320
23.111		89856	3888
25.244		95424	3780
28.274		127232	4500
31.858		129024	4050
36.063		136320	3780
40.906		107991	2640
44.178		143136	3240
50.345		116298	2310
57.501		186304	3240
64.790		188928	2916
70.474		152224	2160
79.407		154368	1944
92.563		199936	2160
104.296		202752	1944
112.338		202208	1800
126.578		205056	1620
140.548	185523	1320	
158.364	188136	1188	
184.600	243672	1320	
208.000	247104	1188	



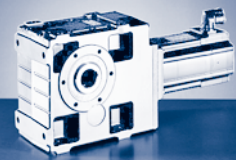
► $i_g = z_g / z_t$

	i	z_g	z_t
GKS07-3	224.037	246441	1100
	252.436	249912	990
	283.193	249210	880
	319.091	252720	792
GKS07-4	103.039	8179200	79380
	112.391	10705920	95256
	126.222	8588160	68040
	137.748	8747520	63504
	154.622	9017568	58320
	179.201	14631424	81648
	201.254	11737152	58320
	222.909	12133376	54432
	246.659	9590112	38880
	273.199	9913856	36288
	321.049	12482368	38880
	358.829	13021184	36288
	399.353	10351232	25920
	464.367	16850944	36288
	516.810	13395712	25920
	563.572	17042432	30240
	636.581	13750144	21600
	683.972	17236096	25200
	823.810	17794304	21600
	928.237	18044928	19440
999.806	17996512	18000	
1126.542	18249984	16200	
1277.842	18400928	14400	
1439.822	18660096	12960	
GKS09-3	12.283	87516	7125
	13.360	88842	6650
	16.122	96492	5985
	17.536	97954	5586
	19.541	92820	4750
	22.022	94146	4275
	25.649	102340	3990
	29.228	133280	4560
	32.940	135184	4104
	35.193	140420	3990
	39.662	142426	3591
	43.146	147560	3420
	48.625	149668	3078
	58.456	199920	3420
	65.879	202776	3078
	70.982	161840	2280
79.996	164152	2052	



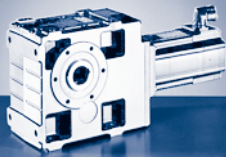
► $i_g = z_g / z_t$

	i	z_g	z_t
GKS09-3	91.860	209440	2280
	103.524	212432	2052
	111.484	211820	1900
	125.641	214846	1710
	140.921	214200	1520
	158.816	217260	1368
	182.000	240240	1320
	205.111	243672	1188
	220.882	242970	1100
	248.930	246441	990
	279.205	245700	880
	314.659	249210	792
GKS09-4	100.551	8425200	83790
	113.320	8545560	75411
	123.275	8853600	71820
	138.929	8980080	64638
	151.012	9296280	61560
	170.188	9429084	55404
	204.596	12594960	61560
	230.577	12774888	55404
	248.439	10195920	41040
	279.986	10341576	36936
	323.365	13270880	41040
	364.427	13460464	36936
	402.234	11005120	27360
	453.311	11162336	24624
	520.538	14241920	27360
	586.638	14445376	24624
	631.744	14403760	22800
	711.965	14609528	20520
	817.551	18640160	22800
	921.367	18906448	20520
992.209	18851980	19000	
1118.204	19121294	17100	
1254.197	19063800	15200	
1413.461	19336140	13680	
GKS11-3	12.094	95238	7875
	13.154	96681	7350
	15.874	105006	6615
	17.265	106597	6174
	19.515	102453	5250
	21.989	103896	4725
	25.615	112961	4410
	28.021	147112	5250
	31.573	149184	4725



► $i_g = z_g / z_t$

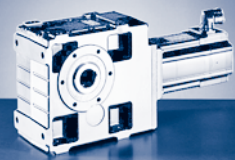
	i	z_g	z_t
GKS11-3	35.741	157620	4410
	40.272	159840	3969
	43.783	165501	3780
	49.333	167832	3402
	57.683	218041	3780
	64.995	221112	3402
	70.887	178636	2520
	79.873	181152	2268
	91.737	231176	2520
	103.365	234432	2268
	111.335	233803	2100
	125.448	237096	1890
	140.732	236430	1680
	158.571	239760	1512
	186.572	268664	1440
	210.222	272448	1296
	226.431	271717	1200
	255.133	275544	1080
	286.219	274770	960
	322.500	278640	864
GKS11-4	102.119	9457200	92610
	115.063	9590400	83349
	125.095	9930060	79380
	140.952	10069920	71442
	153.242	10426563	68040
	172.667	10573416	61236
	201.890	13736583	68040
	227.481	13930056	61236
	248.106	11254068	45360
	279.556	11412576	40824
	322.931	14648152	45360
	363.866	14854464	40824
	395.787	11968612	30240
	445.958	12137184	27216
	512.196	15488792	30240
	577.122	15706944	27216
	621.619	15664801	25200
	700.416	15885432	22680
	816.455	20574664	25200
	919.949	20864448	22680
990.879	20808467	21000	
1116.484	21101544	18900	
1252.516	21042270	16800	
1411.286	21338640	15120	



GKS [i]

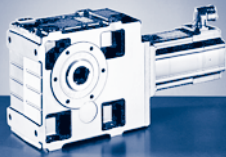
► $i_g = z_g / z_t$

	i	z_g	z_t
GKS14-3	12.435	102960	8280
	13.525	104520	7728
	16.646	112560	6762
	18.311	147400	8050
	20.065	110760	5520
	22.609	112320	4968
	24.696	119280	4830
	27.165	156200	5750
	30.609	158400	5175
	34.692	167560	4830
	39.089	169920	4347
	42.531	176080	4140
	47.923	178560	3726
	56.251	232880	4140
	63.382	236160	3726
	68.942	190280	2760
	77.681	192960	2484
	90.551	249920	2760
	102.029	253440	2484
	109.896	252760	2300
	123.826	256320	2070
	138.913	255600	1840
	156.522	259200	1656
	186.572	268664	1440
	210.222	272448	1296
	226.431	271717	1200
	255.133	275544	1080
	286.219	274770	960
	322.500	278640	864
	GKS14-4	97.467	9886040
109.822		10025280	91287
119.493		10388720	86940
134.640		10535040	78246
158.039		13739920	86940
178.072		13933440	78246
193.754		14438560	74520
218.315		14641920	67068
237.467		11797360	49680
267.568		11963520	44712
321.729		15983520	49680
362.512		16208640	44712
390.671		12939040	33120
440.193		13121280	29808
513.121		16994560	33120
578.164	17233920	29808	



▶ $i_g = z_g / z_t$

	i	z_g	z_t
GKS14-4	622.742	17187680	27600
	701.681	17429760	24840
	805.901	22242880	27600
	908.058	22556160	24840
	978.071	22495640	23000
	1102.052	22812480	20700
	1236.326	22748400	18400
	1393.043	23068800	16560



GKS [Nm]

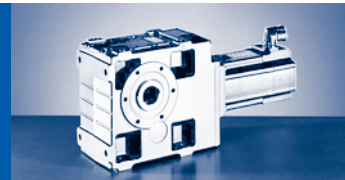
GKS□□-□S (MCS)

$M_{2GN} \leq 187 \text{ Nm}$

GKS04-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
5.123	81	1.17	M_2				11	15	18	22
			c				5.2	3.9	3.1	2.6
			$n_{2 \text{ Eck}}$				791	732	791	791
			$n_{2 \text{ th}}$				708	674	646	625
7.025	93	0.68	M_2				15	20	25	30
			c				4.3	3.3	2.6	2.2
			$n_{2 \text{ Eck}}$				577	534	577	577
			$n_{2 \text{ th}}$				554	529	508	493
8.167	128	0.86	M_2				17	23	29	34
			c				5.2	3.9	3.1	2.6
			$n_{2 \text{ Eck}}$				496	459	496	496
			$n_{2 \text{ th}}$				444	423	405	392
8.991	103	0.44	M_2			12	19	26	32	38
			c			5.8	3.8	2.9	2.3	1.9
			$n_{2 \text{ Eck}}$			451	451	417	451	451
			$n_{2 \text{ th}}$			450	450	417	450	440
9.836	106	0.38	M_2			13	21	28	35	42
			c			5.5	3.6	2.7	2.2	1.8
			$n_{2 \text{ Eck}}$			412	412	381	412	412
			$n_{2 \text{ th}}$			412	412	381	412	406
11.730	180	0.73	M_2				25	34	41	49
			c				5.0	3.8	3.1	2.6
			$n_{2 \text{ Eck}}$				345	320	345	345
			$n_{2 \text{ th}}$				308	293	281	271
13.067	165	0.70	M_2				28	38	46	55
			c				4.2	3.2	2.5	2.1
			$n_{2 \text{ Eck}}$				310	287	310	310
			$n_{2 \text{ th}}$				267	254	242	234
14.333	164	0.35	M_2			19	30	41	51	61
			c			5.8	3.8	2.9	2.3	1.9
			$n_{2 \text{ Eck}}$			283	283	262	283	283
			$n_{2 \text{ th}}$			283	283	262	283	276
16.087	181	0.44	M_2			22	34	46	57	68
			c			5.7	3.7	2.8	2.2	1.9
			$n_{2 \text{ Eck}}$			252	252	233	252	252
			$n_{2 \text{ th}}$			252	236	225	216	206
17.920	166	0.43	M_2		19	25	38	52	64	76
			c		5.8	4.7	3.1	2.3	1.8	1.6
			$n_{2 \text{ Eck}}$		226	226	226	209	226	226
			$n_{2 \text{ th}}$		226	220	205	195	183	169
20.588	182	0.30	M_2		22	28	44	60	74	88
			c		5.6	4.5	2.9	2.2	1.8	1.5
			$n_{2 \text{ Eck}}$		197	197	197	182	197	197
			$n_{2 \text{ th}}$		197	197	197	182	183	168
22.522	182	0.26	M_2		25	31	48	66	81	96
			c		5.1	4.1	2.7	2.0	1.6	1.4
			$n_{2 \text{ Eck}}$		180	180	180	167	180	180
			$n_{2 \text{ th}}$		180	180	180	167	167	154
25.088	167	0.25	M_2		28	35	54	73	90	107
			c		4.2	3.4	2.2	1.7	1.3	1.1
			$n_{2 \text{ Eck}}$		161	161	161	150	161	161
			$n_{2 \text{ th}}$		161	161	161	149	137	128

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

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

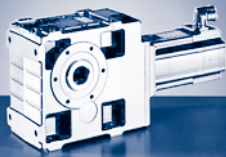


$M_{2GN} \leq 187 \text{ Nm}$

GKS04-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
28.727	183	0.18	M_2		32	40	62	84	103	123
			c		4.0	3.2	2.1	1.6	1.3	1.1
			$n_{2 \text{ Eck}}$		141	141	141	131	141	141
			$n_{2 \text{ th}}$		141	141	141	131	135	127
32.000	167	0.18	M_2		36	45	69	94	115	
			c		3.3	2.6	1.7	1.3	1.0	
			$n_{2 \text{ Eck}}$		127	127	127	117	127	
			$n_{2 \text{ th}}$		127	127	127	117	113	
35.191	183	0.14	M_2		39	49	76	103	127	
			c		3.3	2.6	1.7	1.3	1.0	
			$n_{2 \text{ Eck}}$		115	115	115	107	115	
			$n_{2 \text{ th}}$		115	115	115	107	115	
39.200	168	0.13	M_2	21	44	55	85	115		
			c	5.4	2.7	2.2	1.4	1.1		
			$n_{2 \text{ Eck}}$	103	103	103	103	96		
			$n_{2 \text{ th}}$	103	103	103	103	96		
44.240	185	0.09	M_2	24	49	62				
			c	6.0	3.0	2.4				
			$n_{2 \text{ Eck}}$	92	92	92				
			$n_{2 \text{ th}}$	92	92	92				
50.943	182	0.18	M_2	28	57	72	111	150		
			c	5.1	2.6	2.1	1.3	1.0		
			$n_{2 \text{ Eck}}$	80	80	80	80	74		
			$n_{2 \text{ th}}$	80	80	80	68	61		
56.976	187	0.06	M_2	31	64	80				
			c	4.7	2.4	1.9				
			$n_{2 \text{ Eck}}$	71	71	71				
			$n_{2 \text{ th}}$	71	71	71				
64.978	183	0.13	M_2	36	73	92	142			
			c	4.0	2.0	1.6	1.1			
			$n_{2 \text{ Eck}}$	62	62	62	62			
			$n_{2 \text{ th}}$	62	62	62	56			
79.598	183	0.10	M_2	44	90	113				
			c	3.3	1.7	1.3				
			$n_{2 \text{ Eck}}$	51	51	51				
			$n_{2 \text{ th}}$	51	51	51				
100.067	185	0.07	M_2	56	114	142				
			c	2.7	1.3	1.1				
			$n_{2 \text{ Eck}}$	41	41	41				
			$n_{2 \text{ th}}$	40	40	40				
111.467	170	0.07	M_2	63	127					
			c	2.4	1.2					
			$n_{2 \text{ Eck}}$	36	36					
			$n_{2 \text{ th}}$	36	36					
128.874	187	0.05	M_2	72	147					
			c	2.3	1.2					
			$n_{2 \text{ Eck}}$	31	31					
			$n_{2 \text{ th}}$	31	31					
143.556	172	0.05	M_2	81						
			c	1.9						
			$n_{2 \text{ Eck}}$	28						
			$n_{2 \text{ th}}$	28						

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i [-]$
 $c [-]$



GKS [Nm]

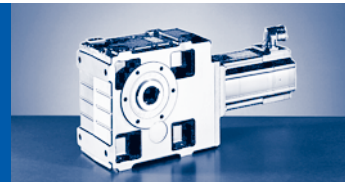
GKS□□-□S (MCS)

$M_{2GN} \leq 331 \text{ Nm}$

GKS05-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
6.863	147	1.90	M_2					19	24	29
			c					5.4	4.3	3.6
			$n_{2 \text{ Eck}}$					546	590	590
			$n_{2 \text{ th}}$					446	427	413
9.412	165	1.17	M_2				20	27	33	39
			c				5.8	4.4	3.5	2.9
			$n_{2 \text{ Eck}}$				430	398	430	430
			$n_{2 \text{ th}}$				385	366	351	339
10.569	227	1.60	M_2					30	37	44
			c					5.4	4.3	3.6
			$n_{2 \text{ Eck}}$					355	383	383
			$n_{2 \text{ th}}$					289	277	268
11.667	251	1.65	M_2					33	41	48
			c					5.4	4.3	3.6
			$n_{2 \text{ Eck}}$					321	347	347
			$n_{2 \text{ th}}$					262	251	243
13.176	165	0.71	M_2				28	38	47	56
			c				4.1	3.1	2.5	2.1
			$n_{2 \text{ Eck}}$				307	285	307	307
			$n_{2 \text{ th}}$				292	279	268	260
14.494	254	1.05	M_2				30	41	51	61
			c				5.8	4.4	3.5	2.9
			$n_{2 \text{ Eck}}$				279	259	279	279
			$n_{2 \text{ th}}$				250	238	228	220
16.000	280	1.04	M_2				33	45	56	67
			c				5.8	4.4	3.5	2.9
			$n_{2 \text{ Eck}}$				253	234	253	253
			$n_{2 \text{ th}}$				226	215	206	200
17.054	314	1.51	M_2					48	60	71
			c					4.6	3.7	3.1
			$n_{2 \text{ Eck}}$					220	238	238
			$n_{2 \text{ th}}$					174	166	161
19.216	297	1.47	M_2				40	55	68	81
			c				5.1	3.9	3.1	2.6
			$n_{2 \text{ Eck}}$				211	195	211	211
			$n_{2 \text{ th}}$				157	149	143	138
23.388	329	0.96	M_2				49	67	83	99
			c				4.6	3.5	2.8	2.4
			$n_{2 \text{ Eck}}$				173	160	173	173
			$n_{2 \text{ th}}$				149	141	135	131
26.353	298	0.95	M_2				56	76	94	112
			c				3.7	2.8	2.3	1.9
			$n_{2 \text{ Eck}}$				154	142	154	154
			$n_{2 \text{ th}}$				127	120	115	109
29.931	330	0.67	M_2			41	64	87	107	127
			c			5.6	3.6	2.8	2.2	1.9
			$n_{2 \text{ Eck}}$			135	135	125	135	135
			$n_{2 \text{ th}}$			131	122	116	111	105
32.744	331	0.58	M_2			45	70	95	117	139
			c			5.1	3.3	2.5	2.0	1.7
			$n_{2 \text{ Eck}}$			124	124	115	124	124
			$n_{2 \text{ th}}$			122	113	108	104	96

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i [-]$
 $c [-]$

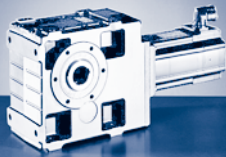


$M_{2GN} \leq 331 \text{ Nm}$

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GKS05-3S			
...500	...500	...500	...500	...500	...500	...500				
5.50	4.30	10.00	8.00	7.50	13.50	11.00	M_1	J_G	M_{2GN}	i
1950	4050	1500	3000	3525	1950	4050	n_1			
5.2	8.8	7.6	10.5		11.8		I_{M230}			
2.6	4.5	3.8		5.7	5.9	10.2	I_{M400}			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	P_N			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	J_M			
35	27	64	51	48	88	71	M_2			
3.8	3.8	2.3	2.2	2.3	1.5	1.5	c	1.90	147	6.863
284	590	219	437	514	284	590	$n_{2 \text{ Eck}}$			
284	416	219	373	374	284	309	$n_{2 \text{ th}}$			
48	38	89	71	66	120	98	M_2			
3.1	3.1	1.8	1.8	1.9	1.3	1.2	c	1.17	165	9.412
207	430	159	319	375	207	430	$n_{2 \text{ Eck}}$			
207	342	159	299	301	207	240	$n_{2 \text{ th}}$			
54	42	99	79	74	135	110	M_2			
3.8	3.8	2.3	2.2	2.3	1.5	1.5	c	1.60	227	10.569
185	383	142	284	334	185	383	$n_{2 \text{ Eck}}$			
185	270	142	242	243	185	201	$n_{2 \text{ th}}$			
59	46	109	87	82	149	121	M_2			
3.8	3.8	2.3	2.2	2.3	1.5	1.5	c	1.65	251	11.667
167	347	129	257	302	167	347	$n_{2 \text{ Eck}}$			
167	245	129	219	220	167	182	$n_{2 \text{ th}}$			
68	53	125	100	94			M_2			
2.2	2.2	1.3	1.3	1.3			c	0.71	165	13.176
148	307	114	228	268			$n_{2 \text{ Eck}}$			
148	262	114	212	213			$n_{2 \text{ th}}$			
74	58	136	109	102	185	151	M_2			
3.1	3.1	1.8	1.8	1.9	1.3	1.2	c	1.05	254	14.494
135	279	104	207	243	135	279	$n_{2 \text{ Eck}}$			
135	222	103	194	195	135	156	$n_{2 \text{ th}}$			
82	64	151	121	113	205	167	M_2			
3.1	3.1	1.8	1.8	1.9	1.3	1.2	c	1.04	280	16.000
122	253	94	188	220	122	253	$n_{2 \text{ Eck}}$			
122	201	94	176	177	122	141	$n_{2 \text{ th}}$			
87	68	160	128	120	218	178	M_2			
3.2	3.2	1.9	1.9	1.9	1.3	1.3	c	1.51	314	17.054
114	238	88	176	207	114	238	$n_{2 \text{ Eck}}$			
114	162	88	144	145	114	115	$n_{2 \text{ th}}$			
99	77	181	145	136	246	201	M_2			
2.7	2.7	1.6	1.6	1.6	1.1	1.1	c	1.47	297	19.216
102	211	78	156	183	102	211	$n_{2 \text{ Eck}}$			
101	139	78	116	116	96	94	$n_{2 \text{ th}}$			
120	94	221	177	166	300		M_2			
2.5	2.5	1.5	1.5	1.5	1.0		c	0.96	329	23.388
83	173	64	128	151	83		$n_{2 \text{ Eck}}$			
83	132	64	107	107	83		$n_{2 \text{ th}}$			
136	107	250	200	187			M_2			
2.0	2.0	1.2	1.2	1.2			c	0.95	298	26.353
74	154	57	114	134			$n_{2 \text{ Eck}}$			
74	112	57	85	85			$n_{2 \text{ th}}$			
155	121	284	227	213			M_2			
1.9	1.9	1.2	1.2	1.2			c	0.67	330	29.931
65	135	50	100	118			$n_{2 \text{ Eck}}$			
65	108	50	84	85			$n_{2 \text{ th}}$			
170	133	311	249	233			M_2			
1.8	1.8	1.1	1.1	1.1			c	0.58	331	32.744
60	124	46	92	108			$n_{2 \text{ Eck}}$			
60	98	46	79	79			$n_{2 \text{ th}}$			

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

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



GKS [Nm]

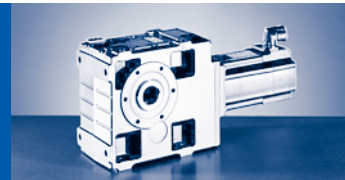
GKS□□-□S (MCS)

$M_{2GN} \leq 331 \text{ Nm}$

GKS05-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
36.894	302	0.58	M_2		40	51	79	107	132	157
			c		5.2	4.1	2.7	2.1	1.6	1.4
			$n_{2 \text{ Eck}}$		110	110	110	102	110	110
			$n_{2 \text{ th}}$		108	104	97	92	83	77
41.765	331	0.42	M_2		46	58	90	122	150	178
			c		5.0	4.0	2.6	2.0	1.6	1.3
			$n_{2 \text{ Eck}}$		97	97	97	90	97	97
			$n_{2 \text{ th}}$		97	97	97	90	86	79
47.059	304	0.41	M_2		52	65	101	137	169	201
			c		4.6	3.7	2.4	1.8	1.5	1.2
			$n_{2 \text{ Eck}}$		86	86	86	80	86	86
			$n_{2 \text{ th}}$		86	86	86	80	74	68
51.162	331	0.32	M_2		56	71	110	149	184	218
			c		4.6	3.7	2.4	1.8	1.5	1.2
			$n_{2 \text{ Eck}}$		79	79	79	73	79	79
			$n_{2 \text{ th}}$		79	79	79	73	76	71
57.647	307	0.32	M_2		64	80	125	169	208	246
			c		3.8	3.1	2.0	1.5	1.2	1.0
			$n_{2 \text{ Eck}}$		70	70	70	65	70	70
			$n_{2 \text{ th}}$		70	70	70	65	62	59
66.592	331	0.20	M_2		74	93	144	195	240	
			c		3.6	2.9	1.9	1.4	1.1	
			$n_{2 \text{ Eck}}$		61	61	61	56	61	
			$n_{2 \text{ th}}$		61	61	61	56	61	
75.033	310	0.20	M_2	41	84	105	163	221		
			c	5.9	3.0	2.4	1.5	1.2		
			$n_{2 \text{ Eck}}$	54	54	54	54	50		
			$n_{2 \text{ th}}$	54	54	54	54	50		
82.833	331	0.14	M_2	45	93	116	180	244		
			c	5.7	2.9	2.3	1.5	1.1		
			$n_{2 \text{ Eck}}$	49	49	49	49	45		
			$n_{2 \text{ th}}$	49	49	49	49	45		
93.333	315	0.14	M_2	51	105	132	203			
			c	4.8	2.4	1.9	1.3			
			$n_{2 \text{ Eck}}$	43	43	43	43			
			$n_{2 \text{ th}}$	43	43	43	43			
107.196	331	0.09	M_2	59	121	151				
			c	4.4	2.2	1.8				
			$n_{2 \text{ Eck}}$	38	38	38				
			$n_{2 \text{ th}}$	38	38	38				
120.784	315	0.09	M_2	67	136	171				
			c	4.1	2.1	1.7				
			$n_{2 \text{ Eck}}$	34	34	34				
			$n_{2 \text{ th}}$	34	34	34				
130.097	331	0.07	M_2	72	147	184				
			c	4.0	2.0	1.6				
			$n_{2 \text{ Eck}}$	31	31	31				
			$n_{2 \text{ th}}$	31	31	31				
146.588	315	0.07	M_2	81	166	208				
			c	3.4	1.7	1.4				
			$n_{2 \text{ Eck}}$	28	28	28				
			$n_{2 \text{ th}}$	28	28	28				

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

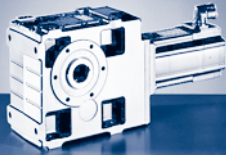


$M_{2GN} \leq 331 \text{ Nm}$

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GKS05-3S			
...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
5.50	4.30	10.00	8.00	7.50	13.50	11.00	n_1			
1950	4050	1500	3000	3525	1950	4050	I_{M230}			
5.2	8.8	7.6	10.5		11.8		I_{M400}			
2.6	4.5	3.8		5.7	5.9	10.2	P_N			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	J_M			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	M_2			
192	150						c			
1.4	1.4						$n_{2 \text{ Eck}}$	0.58	302	36.894
53	110						$n_{2 \text{ th}}$			
53	79						M_2			
217	170						c			
1.4	1.4						$n_{2 \text{ Eck}}$	0.42	331	41.765
47	97						$n_{2 \text{ th}}$			
47	81						M_2			
245	192						c			
1.2	1.3						$n_{2 \text{ Eck}}$	0.41	304	47.059
41	86						$n_{2 \text{ th}}$			
41	70						M_2			
267	208						c			
1.2	1.3						$n_{2 \text{ Eck}}$	0.32	331	51.162
38	79						$n_{2 \text{ th}}$			
38	72						M_2			
301	235						c			
1.0	1.1						$n_{2 \text{ Eck}}$	0.32	307	57.647
34	70						$n_{2 \text{ th}}$			
34	60						M_2			
							c			
							$n_{2 \text{ Eck}}$	0.20	331	66.592
							$n_{2 \text{ th}}$			
							M_2			
							c			
							$n_{2 \text{ Eck}}$	0.20	310	75.033
							$n_{2 \text{ th}}$			
							M_2			
							c			
							$n_{2 \text{ Eck}}$	0.14	331	82.833
							$n_{2 \text{ th}}$			
							M_2			
							c			
							$n_{2 \text{ Eck}}$	0.14	315	93.333
							$n_{2 \text{ th}}$			
							M_2			
							c			
							$n_{2 \text{ Eck}}$	0.09	331	107.196
							$n_{2 \text{ th}}$			
							M_2			
							c			
							$n_{2 \text{ Eck}}$	0.09	315	120.784
							$n_{2 \text{ th}}$			
							M_2			
							c			
							$n_{2 \text{ Eck}}$	0.07	331	130.097
							$n_{2 \text{ th}}$			
							M_2			
							c			
							$n_{2 \text{ Eck}}$	0.07	315	146.588
							$n_{2 \text{ th}}$			

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

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



GKS [Nm]

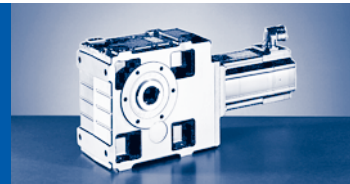
GKS□□-□S (MCS)

$M_{2GN} \leq 331 \text{ Nm}$

GKS05-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
211.200	314	0.08	M_2	119	240					
			c	2.4	1.2					
			$n_{2 \text{ Eck}}$	19	19					
			$n_{2 \text{ th}}$	19	19					
227.484	278	0.06	M_2	128						
			c	1.9						
			$n_{2 \text{ Eck}}$	18						
			$n_{2 \text{ th}}$	18						
256.320	313	0.06	M_2	145						
			c	1.9						
			$n_{2 \text{ Eck}}$	16						
			$n_{2 \text{ th}}$	16						

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

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

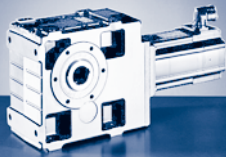


$M_{2GN} \leq 331 \text{ Nm}$

12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	GKS05-3S			
...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
5.50	4.30	10.00	8.00	7.50	13.50	11.00	n_1			
1950	4050	1500	3000	3525	1950	4050	I_{M230}			
5.2	8.8	7.6	10.5		11.8		I_{M400}			
2.6	4.5	3.8		5.7	5.9	10.2	P_N			
1.10	1.80	1.60	2.50	2.80	2.80	4.70	J_M			
4.12	4.12	7.42	7.42	7.42	10.72	10.72	M_2			
							c	0.08	314	211.200
							$n_{2\text{ Eck}}$			
							$n_{2\text{ th}}$			
							M_2			
							c	0.06	278	227.484
							$n_{2\text{ Eck}}$			
							$n_{2\text{ th}}$			
							M_2			
							c	0.06	313	256.320
							$n_{2\text{ Eck}}$			
							$n_{2\text{ th}}$			

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

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



GKS [Nm]

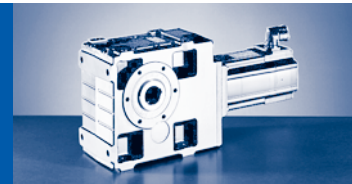
GKS□□-□S (MCS)

$M_{2GN} \leq 331 \text{ Nm}$

GKS05-4S				06CC41	06FC41	06IC41
				...500	...500	...500
i	M_{2GN}	J_G	M_1			
			n_1	4050	4050	4050
			I_{M230}	2.6	2.9	3.2
			I_{M400}	1.3	1.5	1.6
			P_N	0.25	0.51	0.64
			J_M	0.17	0.25	0.33
95.238	167	0.14	M_2	52	106	133
			c	2.6	1.3	1.0
			$n_{2 \text{ Eck}}$	43	43	43
			$n_{2 \text{ th}}$	43	43	43
114.987	256	0.20	M_2	63	128	160
			c	3.6	1.8	1.4
			$n_{2 \text{ Eck}}$	35	35	35
			$n_{2 \text{ th}}$	35	35	35
126.933	283	0.20	M_2	69	141	177
			c	3.6	1.8	1.4
			$n_{2 \text{ Eck}}$	32	32	32
			$n_{2 \text{ th}}$	32	32	32
146.667	256	0.14	M_2	81	164	205
			c	2.8	1.4	1.1
			$n_{2 \text{ Eck}}$	28	28	28
			$n_{2 \text{ th}}$	28	28	28
161.905	283	0.14	M_2	89	181	226
			c	2.8	1.4	1.1
			$n_{2 \text{ Eck}}$	25	25	25
			$n_{2 \text{ th}}$	25	25	25
185.547	331	0.20	M_2	102	207	259
			c	2.9	1.4	1.2
			$n_{2 \text{ Eck}}$	22	22	22
			$n_{2 \text{ th}}$	22	22	22
209.067	315	0.20	M_2	115	234	
			c	2.4	1.2	
			$n_{2 \text{ Eck}}$	19	19	
			$n_{2 \text{ th}}$	19	19	
225.867	256	0.07	M_2	125		
			c	1.8		
			$n_{2 \text{ Eck}}$	18		
			$n_{2 \text{ th}}$	18		
236.667	331	0.14	M_2	131	265	
			c	2.3	1.1	
			$n_{2 \text{ Eck}}$	17	17	
			$n_{2 \text{ th}}$	17	17	
289.917	331	0.11	M_2	161		
			c	1.8		
			$n_{2 \text{ Eck}}$	14		
			$n_{2 \text{ th}}$	14		
326.667	315	0.11	M_2	182		
			c	1.6		
			$n_{2 \text{ Eck}}$	12		
			$n_{2 \text{ th}}$	12		
364.467	331	0.07	M_2	203		
			c	1.4		
			$n_{2 \text{ Eck}}$	11		
			$n_{2 \text{ th}}$	11		
410.667	315	0.07	M_2	229		
			c	1.2		
			$n_{2 \text{ Eck}}$	10		
			$n_{2 \text{ th}}$	10		

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

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

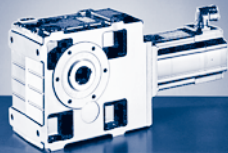


$M_{2GN} \leq 331 \text{ Nm}$

GKS05-4S				06CC41	06FC41	06IC41
				...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50
			n_1	4050	4050	4050
			I_{M230}	2.6	2.9	3.2
			I_{M400}	1.3	1.5	1.6
			P_N	0.25	0.51	0.64
			J_M	0.17	0.25	0.33
469.389	331	0.05	M_2	263		
			c	1.1		
			$n_{2 \text{ Eck}}$	9		
			$n_{2 \text{ th}}$	9		

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

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



GKS [Nm]

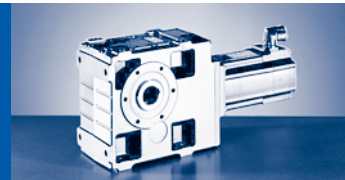
GKS□□-□S (MCS)

$M_{2GN} \leq 702 \text{ Nm}$

GKS06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	
6.485	263	5.87	M_2										59	48	
			c										4.3	4.2	
			$n_{2 \text{ Eck}}$											231	463
			$n_{2 \text{ th}}$											231	381
9.196	373	5.05	M_2										84	67	
			c										4.3	4.2	
			$n_{2 \text{ Eck}}$											163	326
			$n_{2 \text{ th}}$											163	269
10.147	412	4.86	M_2										93	74	
			c										4.3	4.2	
			$n_{2 \text{ Eck}}$											148	296
			$n_{2 \text{ th}}$											148	244
11.382	331	2.49	M_2						39	47	57	44	106	85	
			c						5.8	4.9	5.1	5.1	3.1	3.0	
			$n_{2 \text{ Eck}}$						356	356	171	356	132	264	
			$n_{2 \text{ th}}$						309	300	171	302	132	264	
12.612	426	3.20	M_2								62	49	117	93	
			c								5.9	5.9	3.6	3.5	
			$n_{2 \text{ Eck}}$								155	321	119	238	
			$n_{2 \text{ th}}$								155	243	119	219	
14.824	600	4.29	M_2										136	109	
			c										4.3	4.2	
			$n_{2 \text{ Eck}}$										101	202	
			$n_{2 \text{ th}}$										101	167	
16.699	604	4.16	M_2										154	123	
			c										3.8	3.8	
			$n_{2 \text{ Eck}}$										90	180	
			$n_{2 \text{ th}}$										90	144	
17.809	518	2.13	M_2						61	73	89	70	165	132	
			c						5.8	4.9	5.1	5.1	3.1	3.0	
			$n_{2 \text{ Eck}}$						227	227	110	227	84	169	
			$n_{2 \text{ th}}$						198	192	109	193	84	168	
20.329	665	2.79	M_2								101	79	188	151	
			c								5.7	5.8	3.5	3.4	
			$n_{2 \text{ Eck}}$								96	199	74	148	
			$n_{2 \text{ th}}$								96	150	74	135	
22.902	606	2.73	M_2								115	90	213	171	
			c								4.6	4.7	2.8	2.8	
			$n_{2 \text{ Eck}}$								85	177	66	131	
			$n_{2 \text{ th}}$								85	128	66	115	
26.017	679	1.94	M_2						90	107	131	102	243	194	
			c						5.2	4.4	4.6	4.6	2.8	2.7	
			$n_{2 \text{ Eck}}$						156	156	75	156	58	115	
			$n_{2 \text{ th}}$						133	128	75	130	58	115	
28.461	682	1.67	M_2					79	99	118	144	112	266	213	
			c					6.0	4.8	4.0	4.2	4.2	2.5	2.5	
			$n_{2 \text{ Eck}}$					132	142	142	69	142	53	105	
			$n_{2 \text{ th}}$					128	123	119	69	120	53	105	
32.063	610	1.63	M_2					91	112	134	163	128	301	241	
			c					4.8	3.8	3.2	3.3	3.4	2.0	2.0	
			$n_{2 \text{ Eck}}$					117	126	126	61	126	47	94	
			$n_{2 \text{ th}}$					109	105	101	61	102	47	92	

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

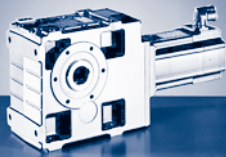


$M_{2GN} \leq 702 \text{ Nm}$

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS06-3S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	n_1			
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	I_{M230}			
	11.8										I_{M400}			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	P_N			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	J_M			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	M_2			
45	82	66	55	45	97	85	140	105	184	129	c	5.87	263	6.485
4.3	2.9	2.8	4.6	4.3	2.7	2.4	1.9	1.9	1.4	1.6	$n_{2 \text{ Eck}}$			
544	301	625	231	555	231	497	231	497	208	497	$n_{2 \text{ th}}$			
382	301	348	231	381	231	335	231	317	208	282	M_2			
63	116	94	77	63	137	121	199	149	261	182	c	5.05	373	9.196
4.3	2.9	2.8	4.6	4.3	2.7	2.4	1.9	1.9	1.4	1.6	$n_{2 \text{ Eck}}$			
383	212	440	163	392	163	351	163	351	147	351	$n_{2 \text{ th}}$			
269	212	246	163	269	163	236	163	223	147	199	M_2			
70	128	104	85	70	152	133	220	164	288	201	c	4.86	412	10.147
4.3	2.9	2.8	4.6	4.3	2.7	2.4	1.9	1.9	1.4	1.6	$n_{2 \text{ Eck}}$			
347	192	399	148	355	148	318	148	318	133	318	$n_{2 \text{ th}}$			
244	192	222	148	244	148	214	148	202	133	180	M_2			
79	144	118	97	79	171	150	248	185	324	227	c	2.49	331	11.382
3.1	2.1	2.0	3.3	3.1	1.9	1.7	1.3	1.4	1.0	1.1	$n_{2 \text{ Eck}}$			
310	171	356	132	316	132	283	132	283	119	283	$n_{2 \text{ th}}$			
274	171	249	132	273	132	227	132	203	119	183	M_2			
87	159	130	107	87	189	166	274	205	359	251	c	3.20	426	12.612
3.6	2.4	2.3	3.9	3.5	2.2	2.0	1.6	1.6	1.2	1.3	$n_{2 \text{ Eck}}$			
280	155	321	119	286	119	256	119	256	107	256	$n_{2 \text{ th}}$			
220	155	200	119	219	119	193	119	171	107	154	M_2			
102	186	152	125	102	221	194	321	240	421	294	c	4.29	600	14.824
4.3	2.9	2.8	4.6	4.3	2.7	2.4	1.9	1.9	1.4	1.6	$n_{2 \text{ Eck}}$			
238	132	273	101	243	101	218	101	218	91	218	$n_{2 \text{ th}}$			
167	132	152	101	167	101	147	101	138	91	123	M_2			
115	211	172	141	115	250	219	362	271	475	332	c	4.16	604	16.699
3.8	2.6	2.5	4.1	3.8	2.4	2.1	1.7	1.7	1.3	1.4	$n_{2 \text{ Eck}}$			
211	117	243	90	216	90	193	90	193	81	193	$n_{2 \text{ th}}$			
145	117	132	90	145	90	127	90	115	81	103	M_2			
124	226	184	152	124	268	235	388	290	507	355	c	2.13	518	17.809
3.1	2.1	2.0	3.3	3.1	1.9	1.7	1.3	1.4	1.0	1.1	$n_{2 \text{ Eck}}$			
198	110	227	84	202	84	181	84	181	76	181	$n_{2 \text{ th}}$			
175	109	159	84	175	84	145	84	130	76	117	M_2			
141	257	210	173	141	305	268	442	330	578	404	c	2.79	665	20.329
3.5	2.3	2.3	3.8	3.4	2.2	1.9	1.5	1.6	1.2	1.3	$n_{2 \text{ Eck}}$			
173	96	199	74	177	74	159	74	159	66	159	$n_{2 \text{ th}}$			
135	96	123	74	135	74	117	74	104	66	94	M_2			
160	291	237	196	160	345	303	499	373		457	c	2.73	606	22.902
2.8	1.9	1.8	3.0	2.8	1.7	1.5	1.2	1.3		1.0	$n_{2 \text{ Eck}}$			
154	85	177	66	157	66	141	66	141		141	$n_{2 \text{ th}}$			
115	85	101	66	115	66	92	66	83		76	M_2			
182	331	270	223	182	392	344	567	424		519	c	1.94	679	26.017
2.8	1.9	1.8	3.0	2.7	1.7	1.5	1.2	1.2		1.0	$n_{2 \text{ Eck}}$			
136	75	156	58	138	58	124	58	124		124	$n_{2 \text{ th}}$			
117	75	103	58	117	58	94	58	84		76	M_2			
199	362	295	244	200	430	377	621	464			c	1.67	682	28.461
2.5	1.7	1.7	2.7	2.5	1.6	1.4	1.1	1.1			$n_{2 \text{ Eck}}$			
124	69	142	53	127	53	113	53	113			$n_{2 \text{ th}}$			
109	69	93	53	109	53	85	53	77			M_2			
226	410	334	277	226	486	426					c	1.63	610	32.063
2.0	1.4	1.3	2.2	2.0	1.3	1.1					$n_{2 \text{ Eck}}$			
110	61	126	47	112	47	101					$n_{2 \text{ th}}$			
92	61	73	47	92	47	68								

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

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



GKS [Nm]

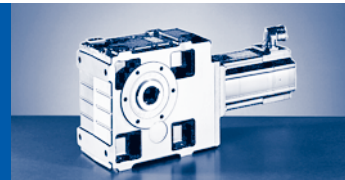
GKS□□-□S (MCS)

$M_{2GN} \leq 702 \text{ Nm}$

GKS06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	
36.303	685	1.18	M_2					103	127	152	185	145	341	273	
			c				4.7	3.8	3.2	3.3	3.3	2.0	2.0		
			$n_{2 \text{ Eck}}$				103	112	112	54	112	41	83		
			$n_{2 \text{ th}}$				103	102	99	54	100	41	83		
41.472	689	2.11	M_2								212	166	391	313	
			c								2.9	2.9	1.8	1.7	
			$n_{2 \text{ Eck}}$								47	98	36	72	
			$n_{2 \text{ th}}$								47	64	36	54	
44.471	689	0.90	M_2				92	126	156	186	228	178	420	335	
			c				5.8	4.4	3.5	3.0	3.0	3.1	1.6	1.8	
			$n_{2 \text{ Eck}}$				91	84	91	91	44	91	34	68	
			$n_{2 \text{ th}}$				91	84	91	91	44	91	34	67	
53.074	695	1.52	M_2				111	152	188	223	273	213	502	401	
			c				4.9	3.7	3.0	2.5	2.5	2.6	1.4	1.6	
			$n_{2 \text{ Eck}}$				76	71	76	76	37	76	28	57	
			$n_{2 \text{ th}}$				64	61	58	56	37	57	28	46	
57.882	695	0.58	M_2				122	166	205	244	298	233	548	438	
			c				4.5	3.4	2.7	2.3	2.3	2.4	1.3	1.4	
			$n_{2 \text{ Eck}}$				70	65	70	70	34	70	26	52	
			$n_{2 \text{ th}}$				70	65	70	70	34	70	26	52	
65.207	624	0.57	M_2			89	139	189	232	276	338	264	619	495	
			c			5.5	3.6	2.7	2.2	1.8	1.8	1.9	1.0	1.1	
			$n_{2 \text{ Eck}}$			62	62	58	62	62	30	62	23	46	
			$n_{2 \text{ th}}$			62	62	58	62	62	30	62	23	46	
72.000	666	0.42	M_2			98									
			c			5.3									
			$n_{2 \text{ Eck}}$			56									
			$n_{2 \text{ th}}$			56									
72.000	702	0.42	M_2				153	208	257	305	373	291	684	546	
			c				3.6	2.8	2.2	1.9	1.9	2.0	1.0	1.2	
			$n_{2 \text{ Eck}}$				56	52	56	56	27	56	21	42	
			$n_{2 \text{ th}}$				56	52	56	56	27	56	21	42	
81.111	630	0.42	M_2		88	111	174	236	290	345	422	329			
			c		5.6	4.5	2.9	2.2	1.8	1.5	1.6				
			$n_{2 \text{ Eck}}$		50	50	50	46	50	50	24	50			
			$n_{2 \text{ th}}$		50	50	50	46	50	50	24	50			
93.176	691	0.26	M_2		101	128									
			c		5.3	4.3									
			$n_{2 \text{ Eck}}$		44	44									
			$n_{2 \text{ th}}$		43	43									
93.176	702	0.26	M_2				200	271	334	396					
			c				2.8	2.1	1.7	1.4					
			$n_{2 \text{ Eck}}$				44	40	44	44					
			$n_{2 \text{ th}}$				43	40	43	43					
104.967	635	0.25	M_2		115	146	226	307	377	448					
			c		4.3	3.5	2.3	1.7	1.4	1.2					
			$n_{2 \text{ Eck}}$		39	39	39	36	39	39					
			$n_{2 \text{ th}}$		39	39	39	36	39	39					
113.082	700	0.19	M_2		124	156									
			c		4.9	3.9									
			$n_{2 \text{ Eck}}$		36	36									
			$n_{2 \text{ th}}$		36	36									

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i \dots$ [-]
 $c \dots$ [-]

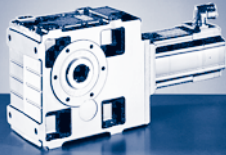


$M_{2GN} \leq 702 \text{ Nm}$

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS06-3S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	n_1			
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	I_{M230}			
	11.8										I_{M400}			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	P_N			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	J_M			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	M_2			
256	464	378	313	256	550	482					c	1.18	685	36.303
2.0	1.4	1.3	2.2	2.0	1.2	1.1					n_2 Eck			
97	54	112	41	99	41	89					n_2 th			
91	54	74	41	91	41	69					M_2			
293	531	433	359	293	630						c	2.11	689	41.472
1.8	1.2	1.1	1.9	1.7	1.1						n_2 Eck			
85	47	98	36	87	36						n_2 th			
55	45	44	36	55	36						M_2			
314	569	464	385	314	676	591					c	0.90	689	44.471
1.9	1.2	1.2	1.8	1.9	1.0	1.0					n_2 Eck			
79	44	91	34	81	34	73					n_2 th			
79	44	68	34	81	34	63					M_2			
376	680	554	461	376							c	1.52	695	53.074
1.6	1.0	1.0	1.5	1.6							n_2 Eck			
66	37	76	28	68							n_2 th			
47	37	38	28	47							M_2			
410											c	0.58	695	57.882
1.4											n_2 Eck			
61											n_2 th			
61											M_2			
464											c	0.57	624	65.207
1.2											n_2 Eck			
54											n_2 th			
54											M_2			
											c	0.42	666	72.000
											n_2 Eck			
											n_2 th			
512											M_2			
1.2											c	0.42	702	72.000
49											n_2 Eck			
49											n_2 th			
											M_2			
											c	0.42	630	81.111
											n_2 Eck			
											n_2 th			
											M_2			
											c	0.26	691	93.176
											n_2 Eck			
											n_2 th			
											M_2			
											c	0.26	702	93.176
											n_2 Eck			
											n_2 th			
											M_2			
											c	0.25	635	104.967
											n_2 Eck			
											n_2 th			
											M_2			
											c	0.19	700	113.082
											n_2 Eck			
											n_2 th			

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

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



GKS [Nm]

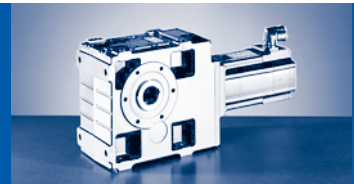
GKS□□-□S (MCS)

$M_{2GN} \leq 702 \text{ Nm}$

GKS06-3S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	
113.082	702	0.19	M_2				243	330	406	482					
			c				2.6	2.0	1.6	1.3					
			$n_{2 \text{ Eck}}$				36	33	36	36					
			$n_{2 \text{ th}}$				36	33	36	36					
127.392	635	0.19	M_2		141	177	275	373	459	544					
			c		4.0	3.2	2.1	1.6	1.3	1.1					
			$n_{2 \text{ Eck}}$		32	32	32	29	32	32					
			$n_{2 \text{ th}}$		32	32	32	29	32	32					
142.941	691	0.12	M_2		158	199									
			c		3.8	3.1									
			$n_{2 \text{ Eck}}$		28	28									
			$n_{2 \text{ th}}$		28	28									
161.029	635	0.12	M_2		179	226									
			c		3.1	2.5									
			$n_{2 \text{ Eck}}$		25	25									
			$n_{2 \text{ th}}$		25	25									
190.080	702	0.23	M_2	103	212	267	413	559							
			c	5.9	2.9	2.4	1.5	1.2							
			$n_{2 \text{ Eck}}$	21	21	21	21	20							
			$n_{2 \text{ th}}$	21	21	21	21	20							
214.133	635	0.23	M_2	117	241	302	467								
			c	4.7	2.4	1.9	1.2								
			$n_{2 \text{ Eck}}$	19	19	19	19								
			$n_{2 \text{ th}}$	19	19	19	19								
230.688	702	0.17	M_2	126	259	325	503								
			c	4.8	2.4	1.9	1.3								
			$n_{2 \text{ Eck}}$	18	18	18	18								
			$n_{2 \text{ th}}$	18	18	18	18								
259.880	635	0.17	M_2	144	293	368	568								
			c	3.9	1.9	1.6	1.0								
			$n_{2 \text{ Eck}}$	16	16	16	16								
			$n_{2 \text{ th}}$	16	16	16	16								
291.600	702	0.11	M_2	161	329	413									
			c	3.8	1.9	1.5									
			$n_{2 \text{ Eck}}$	14	14	14									
			$n_{2 \text{ th}}$	14	14	14									
328.500	635	0.11	M_2	183	372	467									
			c	3.1	1.5	1.2									
			$n_{2 \text{ Eck}}$	12	12	12									
			$n_{2 \text{ th}}$	12	12	12									

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

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

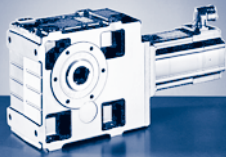


$M_{2GN} \leq 702 \text{ Nm}$

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS06-3S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	n_1			
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	I_{M230}			
	11.8										I_{M400}			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	P_N			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	J_M			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	M_2			
											c	0.19	702	113.082
											n_2			
											Eck			
											n_2			
											th			
											M_2	0.19	635	127.392
											c			
											n_2			
											Eck			
											n_2			
											th			
											M_2	0.12	691	142.941
											c			
											n_2			
											Eck			
											n_2			
											th			
											M_2	0.12	635	161.029
											c			
											n_2			
											Eck			
											n_2			
											th			
											M_2	0.23	702	190.080
											c			
											n_2			
											Eck			
											n_2			
											th			
											M_2	0.23	635	214.133
											c			
											n_2			
											Eck			
											n_2			
											th			
											M_2	0.17	702	230.688
											c			
											n_2			
											Eck			
											n_2			
											th			
											M_2	0.17	635	259.880
											c			
											n_2			
											Eck			
											n_2			
											th			
											M_2	0.11	702	291.600
											c			
											n_2			
											Eck			
											n_2			
											th			
											M_2	0.11	635	328.500
											c			
											n_2			
											Eck			
											n_2			
											th			

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]



GKS [Nm]

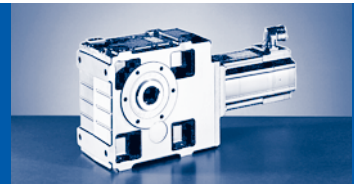
GKS□□-□S (MCS)

$M_{2GN} \leq 702 \text{ Nm}$

GKS06-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
103.721	685	0.30	M_2		111	141	219	297	366	434
			c		4.8	3.9	2.5	1.9	1.5	1.3
			$n_{2 \text{ Eck}}$		39	39	39	36	39	39
			$n_{2 \text{ th}}$		39	39	39	36	39	39
113.205	537	0.23	M_2		123	155	241	326	401	476
			c		3.8	3.1	2.0	1.5	1.2	1.0
			$n_{2 \text{ Eck}}$		36	36	36	33	36	36
			$n_{2 \text{ th}}$		36	36	36	33	36	36
127.059	689	0.26	M_2		137	173	269	365	449	533
			c		4.4	3.5	2.3	1.7	1.4	1.2
			$n_{2 \text{ Eck}}$		32	32	32	30	32	32
			$n_{2 \text{ th}}$		32	32	32	30	32	32
140.816	537	0.21	M_2		154	194	300	407		
			c		3.1	2.5	1.6	1.2		
			$n_{2 \text{ Eck}}$		29	29	29	27		
			$n_{2 \text{ th}}$		29	29	29	27		
155.647	689	0.19	M_2		170	214	331	448	551	
			c		3.6	2.9	1.9	1.4	1.1	
			$n_{2 \text{ Eck}}$		26	26	26	24	26	
			$n_{2 \text{ th}}$		26	26	26	24	26	
174.336	537	0.11	M_2	94	192	242				
			c	5.0	2.5	2.0				
			$n_{2 \text{ Eck}}$	23	23	23				
			$n_{2 \text{ th}}$	23	23	23				
202.588	695	0.17	M_2	108	223	280	433	586		
			c	5.5	2.8	2.2	1.5	1.1		
			$n_{2 \text{ Eck}}$	20	20	20	20	19		
			$n_{2 \text{ th}}$	20	20	20	20	19		
224.524	537	0.07	M_2	122	249	313				
			c	3.9	1.9	1.6				
			$n_{2 \text{ Eck}}$	18	18	18				
			$n_{2 \text{ th}}$	18	18	18				
252.000	702	0.16	M_2	136	279	350	540			
			c	4.5	2.3	1.8	1.2			
			$n_{2 \text{ Eck}}$	16	16	16	16			
			$n_{2 \text{ th}}$	16	16	16	16			
279.286	537	0.07	M_2	153	311	390				
			c	3.1	1.6	1.2				
			$n_{2 \text{ Eck}}$	15	15	15				
			$n_{2 \text{ th}}$	15	15	15				
316.800	702	0.10	M_2	173	352	442				
			c	3.6	1.8	1.4				
			$n_{2 \text{ Eck}}$	13	13	13				
			$n_{2 \text{ th}}$	13	13	13				
361.429	537	0.06	M_2	199	404					
			c	2.4	1.2					
			$n_{2 \text{ Eck}}$	11	11					
			$n_{2 \text{ th}}$	11	11					
408.000	702	0.07	M_2	224	455	571				
			c	2.8	1.4	1.1				
			$n_{2 \text{ Eck}}$	10	10	10				
			$n_{2 \text{ th}}$	10	10	10				

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i \dots$ [-]
 $c \dots$ [-]

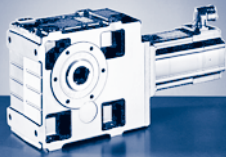


$M_{2GN} \leq 702 \text{ Nm}$

GKS06-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41
				...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50
			n_1	4050	4050	4050	4050	3750	4050	4050
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83
640.800	702	0.06	M_2	356						
			c	1.8						
			$n_{2 \text{ Eck}}$	6						
			$n_{2 \text{ th}}$	6						

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

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



GKS [Nm]

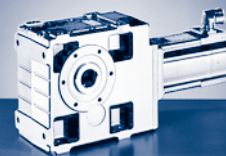
GKS□□-□S (MCS)

$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	M_{2GN}	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			I_{M230}	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			I_{M400}	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
5.955	471	19.30	M_2 c n_{2Eck} n_{2th}												
8.254	541	11.80	M_2 c n_{2Eck} n_{2th}												
9.171	725	16.00	M_2 c n_{2Eck} n_{2th}												
10.124	800	15.88	M_2 c n_{2Eck} n_{2th}												
11.378	515	7.02	M_2 c n_{2Eck} n_{2th}							104	83	78	142	116	
										4.8	4.7	4.8	3.2	3.1	
										132	264	310	171	356	
										132	257	258	171	236	
11.378	613	7.02	M_2 c n_{2Eck} n_{2th}												
12.711	832	10.16	M_2 c n_{2Eck} n_{2th}												
14.798	1040	14.31	M_2 c n_{2Eck} n_{2th}												
16.674	1071	13.97	M_2 c n_{2Eck} n_{2th}												
17.270	826	7.26	M_2 c n_{2Eck} n_{2th}							157	126	118	216	176	
										5.0	5.0	5.1	3.4	3.3	
										87	174	204	113	235	
										87	165	165	113	151	
17.270	998	7.26	M_2 c n_{2Eck} n_{2th}												
20.511	1110	9.08	M_2 c n_{2Eck} n_{2th}												
23.111	1168	8.91	M_2 c n_{2Eck} n_{2th}												192
															5.8
															65
															65

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i \dots$ [-]
 $c \dots$ [-]

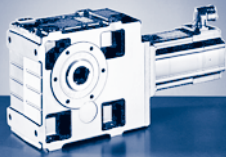


$M_{2GN} \leq 1330 \text{ Nm}$

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS07-3S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	I_{M230}			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	I_{M400}			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
	87	76	127	94	167	116	149	116	224	162	287	179	M_2			
	5.2	4.6	3.6	3.8	2.8	3.1	3.1	3.1	2.1	2.3	1.6	2.1	c	19.30	471	5.955
	252	542	252	542	227	542	239	504	239	504	227	504	n_2 Eck			
	252	361	252	345	227	329	239	331	239	305	227	298	n_2 th			
	121	107	177	132	232	162	208	162	311	225	398	249	M_2			
	4.3	3.8	3.0	3.1	2.3	2.5	2.6	2.6	1.7	1.9	1.4	1.7	c	11.80	541	8.254
	182	391	182	391	164	391	173	364	173	364	164	364	n_2 Eck			
	182	288	182	275	164	263	173	265	173	241	164	227	n_2 th			
	133	117	195	145	256	179	230	179	344	249	441	276	M_2			
	5.2	4.6	3.6	3.8	2.8	3.1	3.1	3.1	2.1	2.3	1.6	2.1	c	16.00	725	9.171
	164	352	164	352	147	352	155	327	155	327	147	327	n_2 Eck			
	164	234	164	224	147	214	155	215	155	198	147	193	n_2 th			
	147	130	215	161	283	198	254	197	380	275	487	304	M_2			
	5.2	4.6	3.6	3.8	2.8	3.1	3.1	3.1	2.1	2.3	1.6	2.1	c	15.88	800	10.124
	148	319	148	319	133	319	141	296	141	296	133	296	n_2 Eck			
	148	212	148	203	133	194	141	195	141	180	133	175	n_2 th			
													M_2			
													c	7.02	515	11.378
													n_2 Eck			
													n_2 th			
77	168	148	245	183	321	224	288	224	430	312	551	344	M_2			
5.7	3.6	3.1	2.5	2.6	1.9	2.1	2.1	2.1	1.4	1.6	1.1	1.4	c	7.02	613	11.378
316	132	284	132	284	119	284	125	264	125	264	119	264	n_2 Eck			
266	132	237	132	226	119	216	125	194	125	186	119	177	n_2 th			
	186	164	272	203	357	249	321	249	479	347	613	383	M_2			
	4.3	3.8	3.0	3.1	2.3	2.5	2.6	2.6	1.7	1.9	1.4	1.7	c	10.16	832	12.711
	118	254	118	254	106	254	112	236	112	236	106	236	n_2 Eck			
	118	187	118	179	106	171	112	172	112	157	106	148	n_2 th			
	216	190	316	236	415	290	373	290	557	403	713	446	M_2			
	4.6	4.1	3.2	3.3	2.5	2.7	2.7	2.8	1.9	2.0	1.5	1.8	c	14.31	1040	14.798
	101	218	101	218	91	218	96	203	96	203	91	203	n_2 Eck			
	101	142	101	135	91	129	96	129	96	119	91	113	n_2 th			
	245	215	357	267	469	327	421	327	629	455	805	503	M_2			
	4.2	3.7	2.9	3.1	2.3	2.5	2.5	2.6	1.7	1.9	1.3	1.7	c	13.97	1071	16.674
	90	193	90	193	81	193	86	180	86	180	81	180	n_2 Eck			
	90	123	90	117	81	112	85	112	85	101	81	95	n_2 th			
													M_2			
													c	7.26	826	17.270
													n_2 Eck			
													n_2 th			
	255	224	371	277	487	340	437	340	653	472	835	522	M_2			
	3.8	3.4	2.7	2.7	2.0	2.3	2.3	2.3	1.5	1.7	1.2	1.5	c	7.26	998	17.270
	87	187	87	187	78	187	83	174	83	174	78	174	n_2 Eck			
	87	152	87	145	78	138	83	128	83	121	78	114	n_2 th			
139	303	267	441	330	579	404	520	404	776	562	992	621	M_2			
5.7	3.6	3.2	2.5	2.6	1.9	2.1	2.1	2.2	1.4	1.6	1.1	1.4	c	9.08	1110	20.511
176	73	157	73	157	66	157	70	146	70	146	66	146	n_2 Eck			
126	73	111	73	106	66	101	69	102	69	87	66	82	n_2 th			
157	343	301	498	372	653	456	587	456	875	634	1119	700	M_2			
5.3	3.3	3.0	2.3	2.4	1.8	2.0	2.0	2.0	1.3	1.5	1.0	1.3	c	8.91	1168	23.111
156	65	140	65	140	58	140	62	130	62	130	58	130	n_2 Eck			
110	65	97	65	93	58	88	62	89	62	74	58	70	n_2 th			

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

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



GKS [Nm]

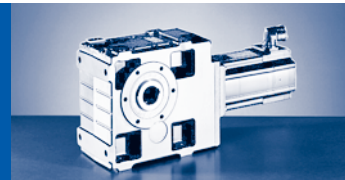
GKS□□-□S (MCS)

$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	M_{2GN}	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			I_{M230}	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			I_{M400}	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
25.244	1177	6.72	M_2							230	184	172	316	258	211
			c						4.9	4.9	4.9	3.3	3.2	5.3	
			$n_{2 \text{ Eck}}$						59	119	140	77	160	59	
			$n_{2 \text{ th}}$						59	112	112	77	103	59	
28.274	1202	5.57	M_2							259	207	194	355	289	237
			c						4.5	4.4	4.5	3.0	2.9	4.9	
			$n_{2 \text{ Eck}}$						53	106	125	69	143	53	
			$n_{2 \text{ th}}$						53	102	102	69	94	53	
31.858	1172	5.47	M_2							293	235	220	402	328	269
			c						3.9	3.8	3.9	2.6	2.5	4.2	
			$n_{2 \text{ Eck}}$						47	94	111	61	127	47	
			$n_{2 \text{ th}}$						47	88	88	61	81	47	
36.063	1068	3.65	M_2			123	148								
			c			5.9	5.0								
			$n_{2 \text{ Eck}}$			112	112								
			$n_{2 \text{ th}}$			99	96								
36.063	1290	3.65	M_2							333	266	249	455	371	305
			c						3.8	3.7	3.8	2.6	2.5	4.1	
			$n_{2 \text{ Eck}}$						42	83	98	54	112	42	
			$n_{2 \text{ th}}$						42	83	91	54	83	42	
40.906	1290	6.93	M_2												348
			c												3.6
			$n_{2 \text{ Eck}}$												37
			$n_{2 \text{ th}}$												37
44.178	1300	2.78	M_2					220	171	410	327	306	559	455	376
			c					5.6	5.9	3.1	3.5	3.5	2.3	2.3	3.4
			$n_{2 \text{ Eck}}$					44	92	34	68	80	44	92	34
			$n_{2 \text{ th}}$					44	87	34	68	80	44	73	34
50.345	1300	5.30	M_2					252	197	470	374	351	639	520	431
			c					4.9	5.2	2.7	3.1	3.1	2.0	2.0	3.0
			$n_{2 \text{ Eck}}$					39	80	30	60	70	39	80	30
			$n_{2 \text{ th}}$					39	57	30	51	51	39	46	30
57.501	1174	1.75	M_2		161	200	238								
			c		5.8	4.6	3.9								
			$n_{2 \text{ Eck}}$		65	70	70								
			$n_{2 \text{ th}}$		65	70	70								
57.501	1310	1.75	M_2					290	226	538	429	402	731	596	494
			c					4.4	4.6	2.4	2.7	2.7	1.8	1.8	2.6
			$n_{2 \text{ Eck}}$					34	70	26	52	61	34	70	26
			$n_{2 \text{ th}}$					34	70	26	52	61	34	63	26
64.790	1195	1.73	M_2		182	226	270	329	257	609	486	456	827	674	560
			c		5.2	4.2	3.5	3.5	3.7	1.9	2.2	2.2	1.4	1.4	2.1
			$n_{2 \text{ Eck}}$		58	63	63	30	63	23	46	54	30	63	23
			$n_{2 \text{ th}}$		58	63	63	30	63	23	46	54	30	50	23
70.474	1230	1.30	M_2		199	246	294								
			c		5.0	4.0	3.3								
			$n_{2 \text{ Eck}}$		53	58	58								
			$n_{2 \text{ th}}$		53	57	57								
70.474	1320	1.30	M_2					358	280	663	529	495	899	733	608
			c					3.6	3.7	2.0	2.2	2.3	1.5	1.5	2.1
			$n_{2 \text{ Eck}}$					28	58	21	43	50	28	58	21
			$n_{2 \text{ th}}$					28	57	21	43	50	28	53	21

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i \dots$ [-]
 $c \dots$ [-]

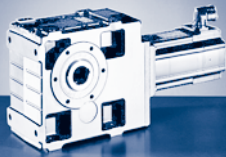


$M_{2GN} \leq 1330 \text{ Nm}$

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS07-3S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	I_{M230}			
													I_{M400}			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	P_N			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	J_M			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	M_2			
172	375	330	545	407	715	499	642	499	957	693		766	c	6.72	1177	25.244
4.9	3.1	2.7	2.1	2.2	1.6	1.8	1.8	1.9	1.2	1.3		1.2	n_2 Eck			
143	59	128	59	128	54	128	57	119	57	119		119	n_2 th			
112	59	99	59	94	53	87	56	88	56	73		70				
194	422	370	612	457	802	560	720	560	1073	777		858	M_2	5.57	1202	28.274
4.5	2.8	2.5	2.0	2.0	1.5	1.7	1.7	1.7	1.1	1.2		1.1	c			
127	53	114	53	114	48	114	50	106	50	106		106	n_2 Eck			
102	53	90	53	86	48	78	50	78	50	66		63	n_2 th			
220	477	419	691	516	905	633	813	632		877			M_2	5.47	1172	31.858
3.9	2.4	2.1	1.7	1.8	1.3	1.4	1.4	1.5		1.1			c			
113	47	101	47	101	42	101	45	94		94			n_2 Eck			
88	47	78	47	71	42	64	45	64		55			n_2 th			
													M_2	3.65	1068	36.063
													c			
													n_2 Eck			
													n_2 th			
249	540	474	783	585	1025	716							M_2	3.65	1290	36.063
3.8	2.4	2.1	1.6	1.7	1.3	1.4							c			
100	42	89	42	89	37	89							n_2 Eck			
90	42	80	42	72	37	65							n_2 th			
284	615	539	889	665	1164	814	1047	814					M_2	6.93	1290	40.906
3.3	2.1	1.8	1.4	1.5	1.1	1.2	1.2	1.3					c			
88	37	79	37	79	33	79	35	73					n_2 Eck			
56	37	48	37	43	33	38	35	39					n_2 th			
306	665	582	962	717	1258	878							M_2	2.78	1300	44.178
3.5	1.9	2.0	1.4	1.6	1.0	1.3							c			
82	34	73	34	73	31	73							n_2 Eck			
79	34	71	34	63	31	58							n_2 th			
351	760	664	1098	819		1003	1291	1002					M_2	5.30	1300	50.345
3.1	1.7	1.7	1.2	1.4		1.1	1.0	1.2					c			
72	30	64	30	64		64	28	60					n_2 Eck			
51	30	42	30	37		34	28	34					n_2 th			
													M_2	1.75	1174	57.501
													c			
													n_2 Eck			
													n_2 th			
402	869	761	1256	937		1147							M_2	1.75	1310	57.501
2.7	1.5	1.5	1.0	1.2		1.0							c			
63	26	56	26	56		56							n_2 Eck			
62	26	56	26	52		48							n_2 th			
456	982	860											M_2	1.73	1195	64.790
2.2	1.2	1.2											c			
56	23	50											n_2 Eck			
55	23	46											n_2 th			
													M_2	1.30	1230	70.474
													c			
													n_2 Eck			
													n_2 th			
496	1068	935		1151									M_2	1.30	1320	70.474
2.2	1.2	1.2		1.0									c			
51	21	46		46									n_2 Eck			
51	21	46		45									n_2 th			

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i [-]$
 $c [-]$



GKS [Nm]

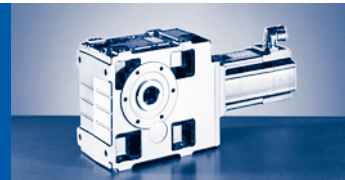
GKS□□-□S (MCS)

$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	M_{2GN}	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			I_{M230}	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			I_{M400}	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
79.407	1205	1.28	M_2	165	226	279	333	407	317	750	598	561	1016	828	689
			c	5.7	4.3	3.4	2.9	2.9	3.0	1.6	1.8	1.8	1.2	1.2	1.7
			$n_{2 \text{ Eck}}$	51	47	51	51	25	51	19	38	44	25	51	19
			$n_{2 \text{ th}}$	51	47	51	51	25	51	19	38	44	25	43	19
92.563	1264	0.81	M_2	193	264	327	389								
			c	5.1	3.9	3.1	2.6								
			$n_{2 \text{ Eck}}$	44	41	44	44								
			$n_{2 \text{ th}}$	44	41	44	44								
92.563	1330	0.81	M_2					475	371	874	698	654	1185	966	
			c					2.8	2.9	1.5	1.7	1.7	1.1	1.1	
			$n_{2 \text{ Eck}}$					21	44	16	32	38	21	44	
			$n_{2 \text{ th}}$					21	44	16	32	38	21	44	
104.296	1215	0.80	M_2	220	300	370	440	538	420	988	789	740			
			c	4.4	3.3	2.6	2.2	2.2	2.3	1.2	1.4	1.4			
			$n_{2 \text{ Eck}}$	39	36	39	39	19	39	14	29	34			
			$n_{2 \text{ th}}$	39	36	39	39	19	39	14	29	34			
112.338	1279	0.59	M_2	236	322	398	473								
			c	4.7	3.6	2.9	2.4								
			$n_{2 \text{ Eck}}$	36	33	36	36								
			$n_{2 \text{ th}}$	36	33	36	36								
112.338	1330	0.59	M_2					579	451	1064	849	795		1173	
			c					2.3	2.6	1.3	1.6	1.6		1.0	
			$n_{2 \text{ Eck}}$					17	36	13	27	31		36	
			$n_{2 \text{ th}}$					17	36	13	27	31		36	
126.578	1215	0.59	M_2	268	365	450	535	655	511	1202	959	899			
			c	4.0	3.0	2.4	2.0	1.8	2.1	1.0	1.3	1.3			
			$n_{2 \text{ Eck}}$	32	30	32	32	15	32	12	24	28			
			$n_{2 \text{ th}}$	32	30	32	32	15	32	12	24	28			
140.548	1330	1.11	M_2	298	405	500	594	728	567		1065	999			1227
			c	3.9	3.0	2.4	2.0	1.8	2.1	1.3	1.3				1.1
			$n_{2 \text{ Eck}}$	29	27	29	29	14	29	21	25				11
			$n_{2 \text{ th}}$	29	27	29	29	14	29	21	25				11
158.364	1215	1.11	M_2	338	459	566	672	823	642		1203	1128			
			c	3.2	2.4	1.9	1.6	1.5	1.7		1.0	1.0			
			$n_{2 \text{ Eck}}$	26	24	26	26	12	26		19	22			
			$n_{2 \text{ th}}$	26	24	26	25	12	25		19	20			
184.600	1330	0.69	M_2	395	536	661	785	961	749						
			c	3.0	2.3	1.8	1.5	1.4	1.6						
			$n_{2 \text{ Eck}}$	22	20	22	22	11	22						
			$n_{2 \text{ th}}$	22	20	22	22	11	22						
208.000	1215	0.69	M_2	448	607	747	887	1085	847						
			c	2.4	1.8	1.5	1.2	1.1	1.3						
			$n_{2 \text{ Eck}}$	20	18	20	20	9	20						
			$n_{2 \text{ th}}$	19	18	19	19	9	19						
224.037	1330	0.51	M_2	482	654	805	955	1169	912						
			c	2.5	1.9	1.5	1.3	1.1	1.3						
			$n_{2 \text{ Eck}}$	18	17	18	18	9	18						
			$n_{2 \text{ th}}$	18	17	18	18	9	18						
252.436	1215	0.51	M_2	546	739	909	1079		1030						
			c	2.0	1.5	1.2	1.0		1.1						
			$n_{2 \text{ Eck}}$	16	15	16	16		16						
			$n_{2 \text{ th}}$	16	15	16	16		16						

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

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

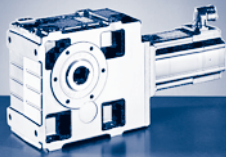


$M_{2GN} \leq 1330 \text{ Nm}$

14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS07-3S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
7.50	16.00	14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3600	1500	3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	I_{M230}			
													I_{M400}			
7.5	6.6	11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	P_N			
2.80	2.50	4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	J_M			
8.22	14.32	14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	M_2			
561		1056											c			
1.8		1.0											n_{2Eck}	1.28	1205	79.407
45		41											n_{2th}			
45		40											M_2			
													c			
													n_{2Eck}	0.81	1264	92.563
													n_{2th}			
													M_2			
													c			
													n_{2Eck}	0.81	1330	92.563
													n_{2th}			
													M_2			
													c			
													n_{2Eck}	0.80	1215	104.296
													n_{2th}			
													M_2			
													c			
													n_{2Eck}	0.59	1279	112.338
													n_{2th}			
													M_2			
													c			
													n_{2Eck}	0.59	1330	112.338
													n_{2th}			
													M_2			
													c			
													n_{2Eck}	0.59	1215	126.578
													n_{2th}			
999													M_2			
1.3													c			
26													n_{2Eck}	1.11	1330	140.548
25													n_{2th}			
1128													M_2			
1.0													c			
23													n_{2Eck}	1.11	1215	158.364
20													n_{2th}			
													M_2			
													c			
													n_{2Eck}	0.69	1330	184.600
													n_{2th}			
													M_2			
													c			
													n_{2Eck}	0.69	1215	208.000
													n_{2th}			
													M_2			
													c			
													n_{2Eck}	0.51	1330	224.037
													n_{2th}			
													M_2			
													c			
													n_{2Eck}	0.51	1215	252.436
													n_{2th}			

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

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



GKS [Nm]

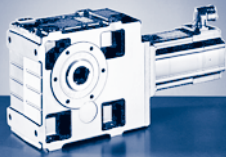
GKS□□-□S (MCS)

$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-3S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00
i	M_{2GN}	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525	1950	4050	1500
			I_{M230}	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		11.8		
			I_{M400}	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	5.9	10.2	4.5
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22
283.193	1330	0.33	M_2	613	830	1020									
			c	2.0	1.5	1.2									
			$n_{2 \text{ Eck}}$	14	13	14									
			$n_{2 \text{ th}}$	14	13	14									
319.091	1215	0.33	M_2	693	938										
			c	1.6	1.2										
			$n_{2 \text{ Eck}}$	13	12										
			$n_{2 \text{ th}}$	13	12										

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

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



GKS [Nm]

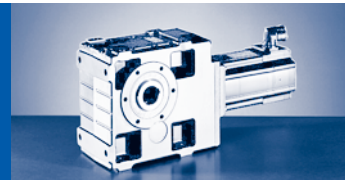
GKS□□-□S (MCS)

$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	3525	
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	
103.039	1290	0.84	M_2				212	290	358	426	521	407	959	765	717	
			c				4.8	3.6	2.9	2.4	2.4	2.5	1.3	1.5	1.5	
			$n_{2 \text{ Eck}}$				39	36	39	39	39	19	39	15	29	34
			$n_{2 \text{ th}}$				39	36	39	39	39	19	39	15	29	34
112.391	1053	0.63	M_2				234	318	393	467	572	446	1049	837	785	
			c				4.0	3.0	2.4	2.0	1.8	2.1	1.0	1.3	1.3	
			$n_{2 \text{ Eck}}$				36	33	36	36	17	36	13	27	31	
			$n_{2 \text{ th}}$				36	33	36	36	17	36	13	27	31	
126.222	1300	0.73	M_2				261	356	440	523	641	500	1177	939	880	
			c				4.3	3.3	2.6	2.2	2.0	2.3	1.1	1.4	1.4	
			$n_{2 \text{ Eck}}$				32	30	32	32	16	32	12	24	28	
			$n_{2 \text{ th}}$				32	30	32	32	15	32	12	24	28	
137.748	1053	0.57	M_2			185	289	393	484	575	704	549		1029	964	
			c			4.9	3.2	2.5	2.0	1.7	1.5	1.7		1.0	1.0	
			$n_{2 \text{ Eck}}$			29	29	27	29	29	14	29		22	26	
			$n_{2 \text{ th}}$			29	29	27	29	29	14	29		22	26	
154.622	1300	0.53	M_2			206	323	439	542	644	789	615		1153	1081	
			c			5.4	3.5	2.7	2.1	1.8	1.6	1.9		1.1	1.1	
			$n_{2 \text{ Eck}}$			26	26	24	26	26	13	26		19	23	
			$n_{2 \text{ th}}$			26	26	24	26	26	13	26		19	23	
179.201	1053	0.28	M_2		193	243	379	514	632	751						
			c		4.8	3.8	2.5	1.9	1.5	1.3						
			$n_{2 \text{ Eck}}$		23	23	23	21	23	23						
			$n_{2 \text{ th}}$		23	23	23	21	23	23						
201.254	1310	0.45	M_2		215	272	424	576	709	842	1031	804				
			c		5.3	4.2	2.7	2.1	1.7	1.4	1.3	1.5				
			$n_{2 \text{ Eck}}$		20	20	20	19	20	20	10	20				
			$n_{2 \text{ th}}$		20	20	20	19	20	20	10	20				
222.909	1053	0.20	M_2		242	305	474	642	789	936						
			c		3.8	3.1	2.0	1.5	1.2	1.0						
			$n_{2 \text{ Eck}}$		18	18	18	17	18	18						
			$n_{2 \text{ th}}$		18	18	18	17	18	18						
246.659	1320	0.42	M_2		267	336	523	708	872	1035	1266	988				
			c		4.3	3.5	2.3	1.7	1.4	1.2	1.0	1.2				
			$n_{2 \text{ Eck}}$		16	16	16	15	16	16	8	16				
			$n_{2 \text{ th}}$		16	16	16	15	16	16	8	16				
273.199	1053	0.18	M_2		299	377	583	789								
			c		3.1	2.5	1.6	1.2								
			$n_{2 \text{ Eck}}$		15	15	15	14								
			$n_{2 \text{ th}}$		15	15	15	14								
321.049	1320	0.26	M_2		351	442	684	926	1139							
			c		3.3	2.7	1.7	1.3	1.1							
			$n_{2 \text{ Eck}}$		13	13	13	12	13							
			$n_{2 \text{ th}}$		13	13	13	12	13							
358.829	1053	0.17	M_2	193	396	498	769									
			c	4.7	2.4	1.9	1.2									
			$n_{2 \text{ Eck}}$	11	11	11	11									
			$n_{2 \text{ th}}$	11	11	11	11									
399.353	1320	0.18	M_2	213	439	553	854	1155								
			c	5.3	2.7	2.1	1.4	1.1								
			$n_{2 \text{ Eck}}$	10	10	10	10	9								
			$n_{2 \text{ th}}$	10	10	10	10	9								

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i [-]$
 $c [-]$

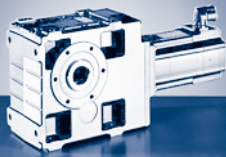


$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35	
				...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50	
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000	3525	
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5		
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80	
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42	
464.367	1053	0.11	M_2	253	516	647										
			c	3.7	1.8	1.5										
			$n_{2 \text{ Eck}}$	9	9	9										
			$n_{2 \text{ th}}$	9	9	9										
516.810	1320	0.11	M_2	280	572	719										
			c	4.1	2.1	1.7										
			$n_{2 \text{ Eck}}$	8	8	8										
			$n_{2 \text{ th}}$	8	8	8										
563.572	1053	0.10	M_2	309	628	788										
			c	3.0	1.5	1.2										
			$n_{2 \text{ Eck}}$	7	7	7										
			$n_{2 \text{ th}}$	7	7	7										
636.581	1330	0.16	M_2	348	708	888										
			c	3.4	1.7	1.4										
			$n_{2 \text{ Eck}}$	6	6	6										
			$n_{2 \text{ th}}$	6	6	6										
683.972	1053	0.07	M_2	377	764											
			c	2.5	1.2											
			$n_{2 \text{ Eck}}$	6	6											
			$n_{2 \text{ th}}$	6	6											
823.810	1330	0.10	M_2	454	920	1153										
			c	2.6	1.3	1.0										
			$n_{2 \text{ Eck}}$	5	5	5										
			$n_{2 \text{ th}}$	5	5	5										
928.237	1215	0.10	M_2	514	1039											
			c	2.1	1.1											
			$n_{2 \text{ Eck}}$	4	4											
			$n_{2 \text{ th}}$	4	4											
999.806	1330	0.07	M_2	553	1119											
			c	2.2	1.1											
			$n_{2 \text{ Eck}}$	4	4											
			$n_{2 \text{ th}}$	4	4											
1126.542	1215	0.07	M_2	626												
			c	1.7												
			$n_{2 \text{ Eck}}$	4												
			$n_{2 \text{ th}}$	4												

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

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



GKS [Nm]

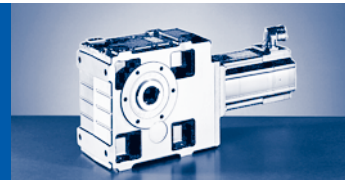
GKS□□-□S (MCS)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			I_{M230}	5.2	8.8	7.6	10.5		11.8				
			I_{M400}	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
12.283	1615	34.20	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
13.360	1757	33.40	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
16.122	1506	22.60	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
16.122	1801	22.60	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
17.536	1638	22.20	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
17.536	1958	22.20	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
19.541	2570	30.60	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
22.022	2672	29.90	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
25.649	2396	20.50	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
25.649	2862	20.50	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
29.228	2500	15.90	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										423 5.6 51 51
29.228	2914	15.90	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
32.940	2818	15.60	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										476 5.6 46 46

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

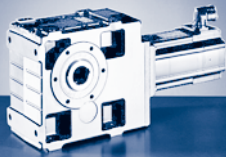


$M_{2GN} \leq 3080 \text{ Nm}$

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS09-3S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	I_{M230}			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	I_{M400}			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
					301	234	455	328	584	364	M_2			
					5.1	5.2	3.5	3.8	2.7	3.4	c	34.20	1615	12.283
					116	244	116	244	110	244	n_2 Eck			
					116	166	116	155	110	152	n_2 th			
					328	255	494	357	636	396	M_2			
					5.1	5.2	3.5	3.8	2.7	3.4	c	33.40	1757	13.360
					107	225	107	225	101	225	n_2 Eck			
					107	153	107	143	101	139	n_2 th			
204	340	254	448	313							M_2			
5.4	4.3	4.4	3.3	3.6							c	22.60	1506	16.122
200	93	200	84	200							n_2 Eck			
145	93	139	84	133							n_2 th			
					399	310	600	434	770	480	M_2			
					4.4	4.4	2.9	3.2	2.3	2.9	c	22.60	1801	16.122
					88	186	88	186	84	186	n_2 Eck			
					88	137	88	130	84	127	n_2 th			
222	370	276	488	340							M_2			
5.4	4.3	4.4	3.3	3.6							c	22.20	1638	17.536
184	86	184	77	184							n_2 Eck			
133	86	128	77	122							n_2 th			
					434	337	653	472	838	522	M_2			
					4.4	4.4	2.9	3.2	2.3	2.9	c	22.20	1958	17.536
					81	171	81	171	77	171	n_2 Eck			
					81	126	81	119	77	117	n_2 th			
					479	372	723	522	930	579	M_2			
					5.1	5.2	3.5	3.8	2.7	3.4	c	30.60	2570	19.541
					73	154	73	154	69	154	n_2 Eck			
					73	105	73	97	69	95	n_2 th			
					543	422	817	591	1050	654	M_2			
					4.7	4.8	3.2	3.5	2.5	3.2	c	29.90	2672	22.022
					65	136	65	136	61	136	n_2 Eck			
					65	91	65	85	61	83	n_2 th			
325	541	404	713	497							M_2			
5.4	4.3	4.4	3.3	3.6							c	20.50	2396	25.649
126	59	126	53	126							n_2 Eck			
91	58	87	53	84							n_2 th			
					635	493	955	690	1225	764	M_2			
					4.4	4.4	2.9	3.2	2.3	2.9	c	20.50	2862	25.649
					56	117	56	117	53	117	n_2 Eck			
					56	86	56	81	53	80	n_2 th			
372	619	462	815	569							M_2			
5.0	3.9	4.1	3.0	3.3							c	15.90	2500	29.228
110	51	110	46	110							n_2 Eck			
86	51	82	46	79							n_2 th			
					727	565	1092	789	1400	873	M_2			
					3.9	4.0	2.6	2.9	2.1	2.6	c	15.90	2914	29.228
					49	103	49	103	46	103	n_2 Eck			
					49	76	49	76	46	75	n_2 th			
420	698	521	919	641							M_2			
5.0	3.9	4.1	3.0	3.3							c	15.60	2818	32.940
98	46	98	41	98							n_2 Eck			
76	46	73	41	70							n_2 th			

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i [-]$
 $c [-]$



GKS [Nm]

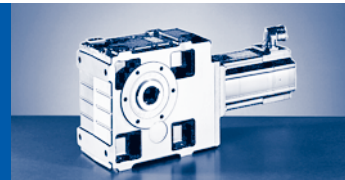
GKS□□-□S (MCS)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			I_{M230}	5.2	8.8	7.6	10.5		11.8				
			I_{M400}	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
32.940	2984	15.60	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
35.193	1686	12.20	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$			320 5.0 43 43	256 5.0 85 81	240 5.1 100 81	440 3.4 55 55	359 3.3 115 74			
35.193	2638	12.20	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										513 4.9 43 43
35.193	3029	12.20	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
39.662	1900	12.00	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$			361 5.0 38 38	289 5.0 76 72	270 5.1 89 72	496 3.4 49 49	404 3.3 102 66			
39.662	2973	12.00	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										578 4.9 38 38
39.662	3002	12.00	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
43.146	2776	9.00	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										633 4.2 35 35
43.146	3024	9.00	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										
48.625	3017	8.87	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$										715 4.1 31 31
58.456	1882	5.54	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$			541 3.4 26 26	431 3.8 51 51	404 3.9 60 60	738 2.5 33 33	601 2.5 69 56			
58.456	2940	5.54	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$								485 5.8 26 26	395 6.0 62 61	867 3.3 26 26
65.879	2121	5.47	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$			610 3.4 23 23	486 3.8 46 46	455 3.9 54 54	831 2.5 30 30	677 2.5 62 50			

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i \dots$ [-]
 $c \dots$ [-]

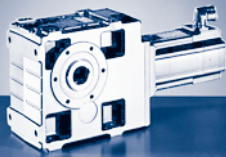


$M_{2GN} \leq 3080 \text{ Nm}$

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS09-3S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	I_{M230}			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	I_{M400}			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
					822	639	1233	892	1581	987	M_2			
					3.5	3.6	2.4	2.6	1.9	2.4	c	15.60	2984	32.940
					43	91	43	91	41	91	$n_{2 \text{ Eck}}$			
					43	67	43	66	41	65	$n_{2 \text{ th}}$			
											M_2			
											c	12.20	1686	35.193
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
451	749	560	986	688							M_2			
4.4	3.4	3.6	2.6	2.9							c	12.20	2638	35.193
92	43	92	38	92							$n_{2 \text{ Eck}}$			
79	43	75	38	72							$n_{2 \text{ th}}$			
					880	684	1319	954	1691	1056	M_2			
					3.4	3.4	2.3	2.5	1.8	2.3	c	12.20	3029	35.193
					41	85	41	85	38	85	$n_{2 \text{ Eck}}$			
					40	63	40	63	38	63	$n_{2 \text{ th}}$			
											M_2			
											c	12.00	1900	39.662
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
509	844	631	1111	775							M_2			
4.4	3.4	3.6	2.6	2.9							c	12.00	2973	39.662
81	38	81	34	81							$n_{2 \text{ Eck}}$			
70	38	67	34	64							$n_{2 \text{ th}}$			
					996	774	1491	1079	1910	1193	M_2			
					3.0	3.0	2.0	2.2	1.6	2.0	c	12.00	3002	39.662
					36	76	36	76	34	76	$n_{2 \text{ Eck}}$			
					36	56	36	56	34	56	$n_{2 \text{ th}}$			
554	923	687	1213	844							M_2			
4.3	3.0	3.5	2.3	2.8							c	9.00	2776	43.146
75	35	75	31	75							$n_{2 \text{ Eck}}$			
69	35	66	31	64							$n_{2 \text{ th}}$			
					1086	841	1625	1172	2080	1297	M_2			
					2.7	3.2	1.9	2.3	1.5	2.1	c	9.00	3024	43.146
					33	70	33	70	31	70	$n_{2 \text{ Eck}}$			
					33	51	33	51	31	51	$n_{2 \text{ th}}$			
625	1042	775	1368	952	1228	951	1835	1325	2349	1465	M_2			
4.1	2.8	3.3	2.2	2.7	2.4	2.8	1.6	2.0	1.3	1.8	c	8.87	3017	48.625
66	31	66	28	66	29	62	29	62	28	62	$n_{2 \text{ Eck}}$			
61	31	59	28	56	29	45	29	45	28	45	$n_{2 \text{ th}}$			
											M_2			
											c	5.54	1882	58.456
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
758	1260	938	1652	1151							M_2			
3.3	2.3	2.7	1.8	2.2							c	5.54	2940	58.456
55	26	55	23	55							$n_{2 \text{ Eck}}$			
55	26	55	23	55							$n_{2 \text{ th}}$			
											M_2			
											c	5.47	2121	65.879
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i [-]$
 $c [-]$



GKS [Nm]

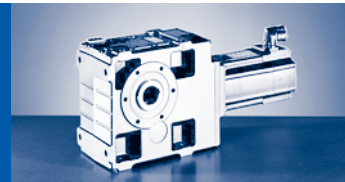
GKS□□-□S (MCS)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	
i	M_{2GN}	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00	
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500	
			I_{M230}	5.2	8.8	7.6	10.5		11.8					
			I_{M400}	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6	
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50	
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32	
65.879	3048	5.47	M_2								550	447	980	
			c								5.3	5.5	3.0	
			$n_{2 \text{ Eck}}$									23	55	23
			$n_{2 \text{ th}}$									23	55	23
70.982	1959	4.14	M_2	354	276	661	526	493	899	733				
			c	5.3	5.5	2.9	3.3	3.3	2.2	2.2				
			$n_{2 \text{ Eck}}$	28	57	21	42	50	28	57				
			$n_{2 \text{ th}}$	27	57	21	42	50	27	53				
70.982	3031	4.14	M_2								595	484	1058	
			c								4.9	5.1	2.8	
			$n_{2 \text{ Eck}}$									21	51	21
			$n_{2 \text{ th}}$									21	51	21
79.996	2207	4.10	M_2	399	311	745	593	556	1013	826				
			c	5.3	5.5	2.9	3.3	3.3	2.2	2.2				
			$n_{2 \text{ Eck}}$	24	51	19	38	44	24	51				
			$n_{2 \text{ th}}$	24	51	19	38	44	24	47				
79.996	3071	4.10	M_2								674	548	1196	
			c								4.4	4.6	2.5	
			$n_{2 \text{ Eck}}$									19	45	19
			$n_{2 \text{ th}}$									19	45	19
91.860	2032	2.63	M_2	464	362	860	686	643	1169	952				
			c	4.2	4.4	2.3	2.6	2.7	1.7	1.7				
			$n_{2 \text{ Eck}}$	21	44	16	33	38	21	44				
			$n_{2 \text{ th}}$	21	44	16	33	38	21	44				
91.860	3031	2.63	M_2								779	634	1379	
			c								3.8	3.9	2.2	
			$n_{2 \text{ Eck}}$									16	39	16
			$n_{2 \text{ th}}$									16	39	16
103.524	2290	2.61	M_2	522	408	970	773	725	1317	1073				
			c	4.2	4.4	2.3	2.6	2.7	1.7	1.7				
			$n_{2 \text{ Eck}}$	19	39	15	29	34	19	39				
			$n_{2 \text{ th}}$	19	39	14	29	34	19	39				
103.524	3080	2.61	M_2								882	718	1557	
			c								3.4	3.5	2.0	
			$n_{2 \text{ Eck}}$									15	35	15
			$n_{2 \text{ th}}$									14	35	14
111.484	2058	1.92	M_2	567	441	1048	834	782	1423	1158				
			c	3.5	4.1	1.9	2.4	2.5	1.4	1.6				
			$n_{2 \text{ Eck}}$	18	36	14	27	32	18	36				
			$n_{2 \text{ th}}$	17	36	13	27	32	17	36				
111.484	3031	1.92	M_2								953	773	1680	
			c								3.1	3.6	1.8	
			$n_{2 \text{ Eck}}$									14	32	14
			$n_{2 \text{ th}}$									13	32	13
125.641	2319	1.90	M_2	639	496	1182	940	881	1604	1304				
			c	3.5	4.1	1.9	2.4	2.5	1.4	1.6				
			$n_{2 \text{ Eck}}$	16	32	12	24	28	16	32				
			$n_{2 \text{ th}}$	16	32	12	24	28	16	32				
125.641	3080	1.90	M_2								1077	874	1897	
			c								2.8	3.2	1.6	
			$n_{2 \text{ Eck}}$									12	29	12
			$n_{2 \text{ th}}$									12	29	12

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i \dots$ [-]
 $c \dots$ [-]

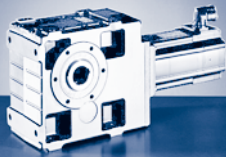


$M_{2GN} \leq 3080 \text{ Nm}$

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS09-3S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	I_{M230}			
											I_{M400}			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	P_N			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	J_M			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	M_2			
857	1422	1059	1865	1300							c			
3.1	2.1	2.5	1.6	2.0							n_{2Eck}	5.47	3048	65.879
49	23	49	21	49							n_{2th}			
49	23	49	20	48							M_2			
											c			
											n_{2Eck}	4.14	1959	70.982
											n_{2th}			
926	1535	1144	2012	1403							M_2			
2.8	2.0	2.3	1.5	1.9							c			
45	21	45	19	45							n_{2Eck}	4.14	3031	70.982
45	21	45	19	45							n_{2th}			
											M_2			
											c			
											n_{2Eck}	4.10	2207	79.996
											n_{2th}			
1047	1734	1292	2271	1584							M_2			
2.5	1.8	2.1	1.4	1.7							c			
40	19	40	17	40							n_{2Eck}	4.10	3071	79.996
40	19	40	17	40							n_{2th}			
											M_2			
											c			
											n_{2Eck}	2.63	2032	91.860
											n_{2th}			
1206	1996	1488	2613	1824							M_2			
2.2	1.5	1.8	1.2	1.5							c			
35	16	35	15	35							n_{2Eck}	2.63	3031	91.860
35	16	35	15	35							n_{2th}			
											M_2			
											c			
											n_{2Eck}	2.61	2290	103.524
											n_{2th}			
1363	2253	1681	2949	2058							M_2			
2.0	1.4	1.6	1.0	1.3							c			
31	15	31	13	31							n_{2Eck}	2.61	3080	103.524
31	14	31	13	31							n_{2th}			
											M_2			
											c			
											n_{2Eck}	1.92	2058	111.484
											n_{2th}			
1467	2429	1809		2216							M_2			
2.0	1.2	1.6		1.3							c			
29	14	29		29							n_{2Eck}	1.92	3031	111.484
29	13	29		29							n_{2th}			
											M_2			
											c			
											n_{2Eck}	1.90	2319	125.641
											n_{2th}			
1657	2741	2043		2501							M_2			
1.8	1.1	1.5		1.2							c			
26	12	26		26							n_{2Eck}	1.90	3080	125.641
26	12	26		26							n_{2th}			

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i [-]$
 $c [-]$



GKS [Nm]

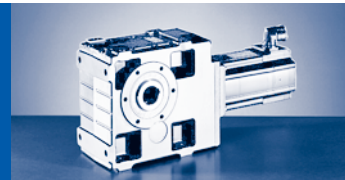
GKS□□-□S (MCS)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-3S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	
i	M_{2GN}	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00	
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500	
			I_{M230}	5.2	8.8	7.6	10.5		11.8					
			I_{M400}	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6	
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50	
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32	
140.921	2084	1.26	M_2	722	562	1331	1060	994	1804	1468				
			c	2.8	3.3	1.6	2.0	2.0	1.2	1.3				
			$n_{2 \text{ Eck}}$	14	29	11	21	25	14	29				
			$n_{2 \text{ th}}$	14	29	11	21	25	14	29				
158.816	2349	1.25	M_2	814	633	1500	1195	1120	2033	1654				
			c	2.8	3.3	1.6	2.0	2.0	1.2	1.3				
			$n_{2 \text{ Eck}}$	12	26	9	19	22	12	26				
			$n_{2 \text{ th}}$	12	26	9	19	22	12	26				
182.000	3031	2.25	M_2	929	722	1715	1366	1280	2326	1893	1575	1280	2763	
			c	3.2	3.7	1.8	2.2	2.2	1.3	1.4	1.9	2.2	1.1	
			$n_{2 \text{ Eck}}$	11	22	8	17	19	11	22	8	20	8	
			$n_{2 \text{ th}}$	11	22	8	16	19	11	20	8	20	8	
205.111	3080	2.24	M_2	1050	817	1936	1543	1446	2625	2136	1779	1446		
			c	2.9	3.3	1.6	2.0	2.0	1.2	1.3	1.7	2.0		
			$n_{2 \text{ Eck}}$	10	20	7	15	17	10	20	7	18		
			$n_{2 \text{ th}}$	10	20	7	15	17	10	20	7	18		
220.882	3031	1.66	M_2	1134	883	2088	1664	1560	2830	2303	1919	1560		
			c	2.6	3.0	1.5	1.8	1.8	1.1	1.2	1.6	1.8		
			$n_{2 \text{ Eck}}$	9	18	7	14	16	9	18	7	16		
			$n_{2 \text{ th}}$	9	18	7	14	16	9	18	7	16		
248.930	3080	1.65	M_2	1282	998	2357	1879	1761		2599	2166	1762		
			c	2.4	2.7	1.3	1.6	1.7		1.1	1.4	1.6		
			$n_{2 \text{ Eck}}$	8	16	6	12	14		16	6	15		
			$n_{2 \text{ th}}$	8	16	6	12	14		16	6	14		
279.205	3031	1.10	M_2	1442	1124	2648	2112	1980						
			c	2.1	2.4	1.1	1.4	1.4						
			$n_{2 \text{ Eck}}$	7	15	5	11	13						
			$n_{2 \text{ th}}$	7	15	5	11	13						
314.659	3080	1.10	M_2	1629	1269	2988	2384	2234						
			c	1.9	2.2	1.0	1.3	1.3						
			$n_{2 \text{ Eck}}$	6	13	5	10	11						
			$n_{2 \text{ th}}$	6	13	5	10	11						

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

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

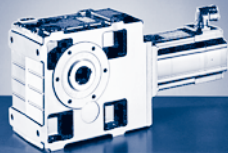


$M_{2GN} \leq 3080 \text{ Nm}$

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS09-3S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	I_{M230}			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	I_{M400}			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
											M_2			
											c	1.26	2084	140.921
											n_2			
											Eck			
											n_2			
											th			
											M_2	1.25	2349	158.816
											c			
											n_2			
											Eck			
											n_2			
											th			
2415											M_2			
1.2											c	2.25	3031	182.000
18											n_2			
18											Eck			
											n_2			
											th			
2725											M_2			
1.1											c	2.24	3080	205.111
16											n_2			
16											Eck			
											n_2			
											th			
2937											M_2			
1.0											c	1.66	3031	220.882
15											n_2			
15											Eck			
											n_2			
											th			
											M_2	1.65	3080	248.930
											c			
											n_2			
											Eck			
											n_2			
											th			
											M_2	1.10	3031	279.205
											c			
											n_2			
											Eck			
											n_2			
											th			
											M_2	1.10	3080	314.659
											c			
											n_2			
											Eck			
											n_2			
											th			

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

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



GKS [Nm]

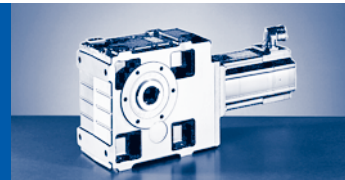
GKS□□-□S (MCS)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
100.551	2358	2.48	M_2						340	406				
			c						5.4	4.6				
			$n_{2 \text{ Eck}}$						40	40				
			$n_{2 \text{ th}}$						40	40				
100.551	3029	2.48	M_2								489		916	730
			c								5.9		3.2	3.6
			$n_{2 \text{ Eck}}$								19		15	30
			$n_{2 \text{ th}}$								19		15	30
113.320	2658	2.46	M_2						381	455				
			c						6.0	5.1				
			$n_{2 \text{ Eck}}$						36	36				
			$n_{2 \text{ th}}$						36	36				
113.320	3002	2.46	M_2								556	431	1037	823
			c								5.2	6.0	2.8	3.6
			$n_{2 \text{ Eck}}$								17	36	13	27
			$n_{2 \text{ th}}$								17	36	13	26
123.275	2891	2.11	M_2						414	495				
			c						6.0	5.1				
			$n_{2 \text{ Eck}}$						33	33				
			$n_{2 \text{ th}}$						33	33				
123.275	3024	2.11	M_2								607	471	1131	898
			c								4.8	5.5	2.6	3.3
			$n_{2 \text{ Eck}}$								16	33	12	24
			$n_{2 \text{ th}}$								16	33	12	24
138.929	3017	2.09	M_2						469	561	689	535	1279	1017
			c						5.5	4.7	4.2	4.9	2.3	2.9
			$n_{2 \text{ Eck}}$						29	29	14	29	11	22
			$n_{2 \text{ th}}$						29	29	14	29	11	22
151.012	3024	1.52	M_2						512	612	751	583	1393	1108
			c						5.1	4.3	3.9	4.5	2.2	2.7
			$n_{2 \text{ Eck}}$						27	27	13	27	10	20
			$n_{2 \text{ th}}$						27	27	13	27	10	20
170.188	3017	1.51	M_2					468	581	694	851	661	1574	1253
			c					5.7	4.5	3.8	3.5	4.0	1.9	2.4
			$n_{2 \text{ Eck}}$					22	24	24	12	24	9	18
			$n_{2 \text{ th}}$					22	24	24	11	24	9	18
204.596	3031	1.24	M_2					568	704	839	1029	801	1898	1512
			c					4.8	3.8	3.2	2.9	3.3	1.6	2.0
			$n_{2 \text{ Eck}}$					18	20	20	10	20	7	15
			$n_{2 \text{ th}}$					18	20	20	10	20	7	15
230.577	3048	1.24	M_2				471	644	797	950	1164	906	2143	1708
			c				5.6	4.2	3.4	2.9	2.6	3.0	1.4	1.8
			$n_{2 \text{ Eck}}$				18	16	18	18	9	18	7	13
			$n_{2 \text{ th}}$				18	16	18	18	8	18	7	13
248.439	3031	1.13	M_2				510	697	862	1026	1257	979	2312	1843
			c				5.1	3.9	3.1	2.6	2.4	2.8	1.3	1.6
			$n_{2 \text{ Eck}}$				16	15	16	16	8	16	6	12
			$n_{2 \text{ th}}$				16	15	16	16	8	16	6	12
279.986	3071	1.13	M_2				578	789	974	1159	1420	1106	2609	2081
			c				4.6	3.5	2.8	2.4	2.1	2.5	1.2	1.5
			$n_{2 \text{ Eck}}$				15	13	15	15	7	15	5	11
			$n_{2 \text{ th}}$				14	13	14	14	7	14	5	11

$M \dots [\text{Nm}]$
 $n \dots [\text{r/min}]$
 $J \dots [\text{kgcm}^2]$

$P \dots [\text{kW}]$
 $I \dots [\text{A}]$
 $i [-]$
 $c [-]$

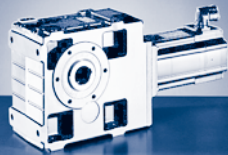


$M_{2GN} \leq 3080 \text{ Nm}$

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS09-4S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	n_1			
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	I_{M230}			
	11.8										I_{M400}			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	P_N			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	J_M			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	M_2			
											c	2.48	2358	100.551
											n_2			
											n_2			
											n_2			
684	1249	1017	841	684	1486	1300	2150	1604	2814	1964	M_2			
3.7	2.4	2.4	3.5	3.7	2.0	2.0	1.4	1.7	1.1	1.4	c	2.48	3029	100.551
35	19	40	15	36	15	32	15	32	13	32	n_2			
35	19	40	15	36	15	32	15	32	13	32	n_2			
											M_2			
											c	2.46	2658	113.320
											n_2			
											n_2			
											n_2			
772	1412	1147	952	772	1679	1466	2428	1808		2214	M_2			
3.6	2.1	2.3	3.1	3.6	1.8	2.0	1.2	1.6		1.3	c	2.46	3002	113.320
31	17	36	13	32	13	29	13	29		29	n_2			
31	17	36	13	32	13	28	13	28		28	n_2			
											M_2			
											c	2.11	2891	123.275
											n_2			
											n_2			
											n_2			
842	1538	1250	1038	842	1829	1597	2643	1969		2411	M_2			
3.3	2.0	2.2	2.9	3.3	1.6	1.8	1.1	1.5		1.2	c	2.11	3024	123.275
29	16	33	12	29	12	26	12	26		26	n_2			
29	16	33	12	29	12	26	12	26		26	n_2			
953	1738	1413	1174	953	2065	1804	2983	2224		2722	M_2			
2.9	1.7	1.9	2.5	2.9	1.5	1.6	1.0	1.3		1.1	c	2.09	3017	138.929
25	14	29	11	26	11	23	11	23		23	n_2			
25	14	29	11	26	11	23	11	23		23	n_2			
1038	1892	1538	1279	1038	2248	1964		2420			M_2			
2.7	1.6	1.8	2.3	2.7	1.3	1.5		1.2			c	1.52	3024	151.012
23	13	27	10	24	10	21		21			n_2			
23	13	27	10	24	10	21		21			n_2			
1174	2136	1737	1445	1174	2537	2217		2731			M_2			
2.4	1.4	1.6	2.1	2.4	1.2	1.3		1.1			c	1.51	3017	170.188
21	12	24	9	21	9	19		19			n_2			
21	11	24	9	21	9	19		19			n_2			
1417	2574	2095	1744	1418		2671					M_2			
2.0	1.2	1.3	1.7	2.0		1.1					c	1.24	3031	204.596
17	10	20	7	18		16					n_2			
17	10	20	7	18		16					n_2			
1601	2905	2364	1969	1601							M_2			
1.8	1.1	1.2	1.5	1.8							c	1.24	3048	230.577
15	9	18	7	16							n_2			
15	8	18	7	16							n_2			
1728		2550	2125	1728							M_2			
1.7		1.1	1.4	1.6							c	1.13	3031	248.439
14		16	6	15							n_2			
14		16	6	14							n_2			
1951			2398	1951							M_2			
1.5			1.3	1.5							c	1.13	3071	279.986
13			5	13							n_2			
13			5	13							n_2			

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i [-]$
 $c [-]$



GKS [Nm]

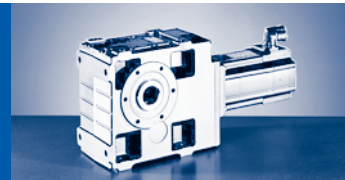
GKS□□-□S (MCS)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
323.365	3031	0.71	M_2				673	916	1130	1344	1646	1283	3019	2409
			c			4.0	3.0	2.4	2.0	1.8	2.1	1.0	1.3	
			$n_{2 \text{ Eck}}$			13	12	13	13	6	13	5	9	
			$n_{2 \text{ th}}$			13	12	13	13	6	13	5	9	
364.427	3071	0.71	M_2			486	761	1036	1277	1518	1859	1449		2718
			c			5.4	3.6	2.7	2.2	1.8	1.6	1.9		1.1
			$n_{2 \text{ Eck}}$			11	11	10	11	11	5	11		8
			$n_{2 \text{ th}}$			11	11	10	11	11	5	11		8
402.234	3031	0.51	M_2			540	844	1147	1413	1679	2055	1603		3004
			c			4.9	3.2	2.4	1.9	1.6	1.5	1.7		1.0
			$n_{2 \text{ Eck}}$			10	10	9	10	10	5	10		8
			$n_{2 \text{ th}}$			10	10	9	10	10	5	10		7
453.311	3071	0.51	M_2		484	612	954	1296	1596	1895	2320	1810		
			c		5.5	4.4	2.9	2.2	1.7	1.5	1.3	1.5		
			$n_{2 \text{ Eck}}$		9	9	9	8	9	9	4	9		
			$n_{2 \text{ th}}$		9	9	9	8	9	9	4	9		
520.538	3031	0.47	M_2		560	707	1100	1493	1837	2181	2669	2083		
			c		4.7	3.8	2.5	1.9	1.5	1.3	1.1	1.3		
			$n_{2 \text{ Eck}}$		8	8	8	7	8	8	4	8		
			$n_{2 \text{ th}}$		8	8	8	7	8	8	4	8		
586.638	3080	0.47	M_2		634	801	1243	1686	2074	2461	3012	2351		
			c		4.2	3.4	2.2	1.7	1.3	1.1	1.0	1.2		
			$n_{2 \text{ Eck}}$		7	7	7	6	7	7	3	7		
			$n_{2 \text{ th}}$		7	7	7	6	7	7	3	7		
631.744	3031	0.44	M_2		686	865	1342	1818	2236	2653		2534		
			c		3.9	3.1	2.0	1.5	1.2	1.0		1.1		
			$n_{2 \text{ Eck}}$		6	6	6	6	6	6		6		
			$n_{2 \text{ th}}$		6	6	6	6	6	6		6		
711.965	3080	0.44	M_2		776	978	1516	2052	2523					
			c		3.5	2.8	1.8	1.4	1.1					
			$n_{2 \text{ Eck}}$		6	6	6	5	6					
			$n_{2 \text{ th}}$		6	6	6	5	6					
817.551	3031	0.28	M_2	434	896	1128	1745	2362						
			c	6.0	3.0	2.4	1.6	1.2						
			$n_{2 \text{ Eck}}$	5	5	5	5	5						
			$n_{2 \text{ th}}$	5	5	5	5	5						
921.367	3080	0.28	M_2	492	1014	1274	1970	2665						
			c	5.4	2.7	2.2	1.4	1.1						
			$n_{2 \text{ Eck}}$	4	4	4	4	4						
			$n_{2 \text{ th}}$	4	4	4	4	4						
992.209	3031	0.20	M_2	532	1094	1375	2124							
			c	4.9	2.5	2.0	1.3							
			$n_{2 \text{ Eck}}$	4	4	4	4							
			$n_{2 \text{ th}}$	4	4	4	4							
1118.204	3080	0.20	M_2	603	1236	1553	2397							
			c	4.5	2.2	1.8	1.2							
			$n_{2 \text{ Eck}}$	4	4	4	4							
			$n_{2 \text{ th}}$	4	4	4	4							
1254.197	3031	0.13	M_2	681	1391	1746								
			c	3.9	2.0	1.6								
			$n_{2 \text{ Eck}}$	3	3	3								
			$n_{2 \text{ th}}$	3	3	3								

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i [-]$
 $c [-]$

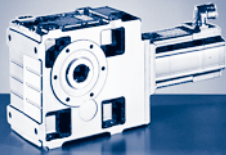


$M_{2GN} \leq 3080 \text{ Nm}$

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS09-4S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	n_1			
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	I_{M230}			
	11.8										I_{M400}			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	P_N			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	J_M			
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	M_2			
2258											c			
1.3											n_{2Eck}	0.71	3031	323.365
11											n_{2th}			
11											M_2			
2548											c			
1.1											n_{2Eck}	0.71	3071	364.427
10											n_{2th}			
10											M_2			
2816											c			
1.0											n_{2Eck}	0.51	3031	402.234
9											n_{2th}			
9											M_2			
											c			
											n_{2Eck}	0.51	3071	453.311
											n_{2th}			
											M_2			
											c			
											n_{2Eck}	0.47	3031	520.538
											n_{2th}			
											M_2			
											c			
											n_{2Eck}	0.47	3080	586.638
											n_{2th}			
											M_2			
											c			
											n_{2Eck}	0.44	3031	631.744
											n_{2th}			
											M_2			
											c			
											n_{2Eck}	0.44	3080	711.965
											n_{2th}			
											M_2			
											c			
											n_{2Eck}	0.28	3031	817.551
											n_{2th}			
											M_2			
											c			
											n_{2Eck}	0.28	3080	921.367
											n_{2th}			
											M_2			
											c			
											n_{2Eck}	0.20	3031	992.209
											n_{2th}			
											M_2			
											c			
											n_{2Eck}	0.20	3080	1118.204
											n_{2th}			
											M_2			
											c			
											n_{2Eck}	0.13	3031	1254.197
											n_{2th}			

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

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



GKS [Nm]

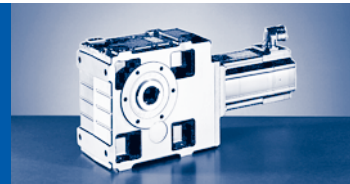
GKS□□-□S (MCS)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-4S				06CC41	06FC41	06IC41	09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	0.60	1.20	1.50	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00
			n_1	4050	4050	4050	4050	3750	4050	4050	1950	4050	1500	3000
			I_{M230}	2.6	2.9	3.2	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5
			I_{M400}	1.3	1.5	1.6	2.3	2.5	3.4	4.2	2.6	4.5	3.8	
			P_N	0.25	0.51	0.64	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50
			J_M	0.17	0.25	0.33	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42
1413.461	3080	0.13	M_2	770	1571	1971								
			c	3.5	1.8	1.4								
			$n_{2 \text{ Eck}}$	3	3	3								
			$n_{2 \text{ th}}$	3	3	3								

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

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

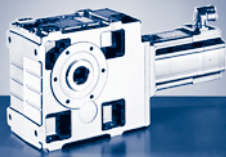


$M_{2GN} \leq 3080 \text{ Nm}$

12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS09-4S			
...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	...S00	M_1	J_G	M_{2GN}	i
7.50	13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	n_1			
3525	1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	J_M			
	11.8										M_2			
5.7	5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	c			
2.80	2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	$n_{2 \text{ Eck}}$	0.13	3080	1413.461
7.42	10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	$n_{2 \text{ th}}$			

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

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



GKS [Nm]

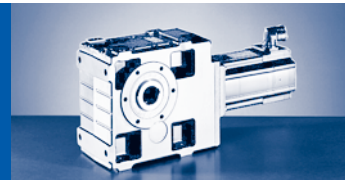
GKS□□-□S (MCS)

$M_{2GN} \leq 6032 \text{ Nm}$

GKS11-3S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1							
			n_1	1500	3600	1500	3225	1500	3225	1350
			I_{M400}	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
12.094	2592	104.00	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
13.154	2819	101.00	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
15.874	2868	68.00	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
17.265	3119	66.50	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
19.515	4182	90.30	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
21.989	4712	90.40	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
25.615	4628	61.20	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
28.021	4791	52.20	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
31.573	5398	51.30	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
35.741	3314	36.80	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$				453 5.4 90 65	754 4.2 42 42	563 4.4 90 63	994 3.3 38 38
35.741	5147	36.80	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
40.272	3734	36.20	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$				511 5.4 80 58	850 4.2 37 37	634 4.4 80 56	1120 3.3 34 34
40.272	5799	36.20	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

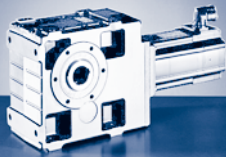


$M_{2GN} \leq 6032 \text{ Nm}$

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS11-3S			
...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3225	1425	3000	1425	3000	1350	3000	I_{M400}			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	P_N			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	J_M			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	M_2			
			437		565	350	c	104.00	2592	12.094
			5.6		4.4	5.6	$n_{2 \text{ Eck}}$			
			118		112	248	$n_{2 \text{ th}}$			
			118		112	144	M_2			
			475		614	380	c	101.00	2819	13.154
			5.6		4.4	5.6	$n_{2 \text{ Eck}}$			
			108		103	228	$n_{2 \text{ th}}$			
			108		103	132	M_2			
			579	418	747	464	c	68.00	2868	15.874
			4.8	5.2	3.7	4.7	$n_{2 \text{ Eck}}$			
			90	189	85	189	$n_{2 \text{ th}}$			
			90	125	85	123	M_2			
			630	455	812	504	c	66.50	3119	17.265
			4.8	5.2	3.7	4.7	$n_{2 \text{ Eck}}$			
			83	174	78	174	$n_{2 \text{ th}}$			
			83	115	78	113	M_2			
			705		911	564	c	90.30	4182	19.515
			5.6		4.4	5.6	$n_{2 \text{ Eck}}$			
			73		69	154	$n_{2 \text{ th}}$			
			73		69	89	M_2			
			795		1027	636	c	90.40	4712	21.989
			5.6		4.4	5.6	$n_{2 \text{ Eck}}$			
			65		61	136	$n_{2 \text{ th}}$			
			65		61	79	M_2			
			935	674	1205	748	c	61.20	4628	25.615
			4.8	5.2	3.7	4.7	$n_{2 \text{ Eck}}$			
			56	117	53	117	$n_{2 \text{ th}}$			
			56	78	53	76	M_2			
			1025	740	1321	821	c	52.20	4791	28.021
			4.5	4.9	3.5	4.5	$n_{2 \text{ Eck}}$			
			51	107	48	107	$n_{2 \text{ th}}$			
			51	72	48	71	M_2			
			1155	834	1489	925	c	51.30	5398	31.573
			4.5	4.9	3.5	4.5	$n_{2 \text{ Eck}}$			
			45	95	43	95	$n_{2 \text{ th}}$			
			45	64	43	63	M_2			
693							c	36.80	3314	35.741
3.6							$n_{2 \text{ Eck}}$			
90							$n_{2 \text{ th}}$			
60							M_2			
	872	677	1318	952	1695	1055	c	36.80	5147	35.741
	5.6	5.7	3.8	4.2	3.0	3.8	$n_{2 \text{ Eck}}$			
	40	84	40	84	38	84	$n_{2 \text{ th}}$			
	40	62	40	62	38	61	M_2			
781							c	36.20	3734	40.272
3.6							$n_{2 \text{ Eck}}$			
80							$n_{2 \text{ th}}$			
53							M_2			
	983	763	1485	1073	1910	1189	c	36.20	5799	40.272
	5.6	5.7	3.8	4.2	3.0	3.8	$n_{2 \text{ Eck}}$			
	35	75	35	75	34	75	$n_{2 \text{ th}}$			
	35	55	35	55	34	54	M_2			

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

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



GKS [Nm]

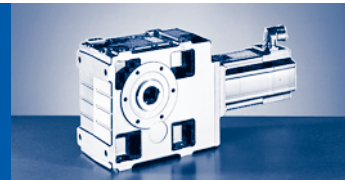
GKS□□-□S (MCS)

$M_{2GN} \leq 6032 \text{ Nm}$

GKS11-3S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	9.20	7.50	16.00	14.00	23.00	17.20	30.00
			n_1	1500	3600	1500	3225	1500	3225	1350
			I_{M400}	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
43.783	5419	27.90	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
49.333	5923	27.50	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
57.683	3683	17.70	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$			847 4.2 26 26	741 4.2 56 52	1235 2.9 26 26	918 3.4 56 50	1622 2.2 23 23
57.683	5726	17.70	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
64.995	4149	17.50	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$			954 4.2 23 23	835 4.2 50 46	1391 2.9 23 23	1035 3.4 50 44	1828 2.2 21 21
64.995	5992	17.50	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
70.887	3776	13.00	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$			1049 3.5 21 21	918 3.5 46 45	1525 2.4 21 21	1135 2.9 46 45	2002 1.9 19 19
70.887	5867	13.00	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
79.873	4255	12.90	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$			1182 3.5 19 19	1034 3.5 40 40	1719 2.4 19 19	1279 2.9 40 40	2255 1.9 17 17
79.873	6032	12.90	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							
91.737	3915	8.30	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$	769 4.9 16 16	625 5.1 39 39	1368 2.8 16 16	1196 2.8 35 35	1984 2.0 16 16	1478 2.3 35 35	2600 1.5 15 15
103.365	4411	8.21	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$	866 4.9 15 15	705 5.1 35 35	1541 2.8 15 15	1348 2.8 31 31	2236 2.0 15 15	1666 2.3 31 31	2930 1.5 13 13
111.335	3963	6.05	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$	941 4.1 14 13	762 4.7 32 32	1668 2.3 14 13	1455 2.6 29 29	2416 1.6 14 13	1797 2.1 29 29	3164 1.3 12 12

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

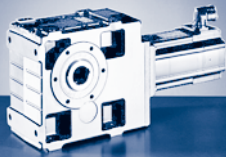


$M_{2GN} \leq 6032 \text{ Nm}$

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS11-3S			
...500	...500	...500	...500	...500	...500	...500				
21.00	27.00	21.00	40.00	29.00	51.00	32.00	M_1	J_G	M_{2GN}	i
3225	1425	3000	1425	3000	1350	3000	n_1			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	I_{M400}			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
	1078	831	1624	1167	2086	1293	M_2			
	4.8	5.6	3.3	4.1	2.6	3.7	c	27.90	5419	43.783
	33	69	33	69	31	69	$n_{2 \text{ Eck}}$			
	33	50	33	50	31	50	$n_{2 \text{ th}}$			
	1216	938	1832	1317	2353	1459	M_2			
	4.7	5.4	3.2	3.9	2.5	3.6	c	27.50	5923	49.333
	29	61	29	61	27	61	$n_{2 \text{ Eck}}$			
	29	45	29	45	27	45	$n_{2 \text{ th}}$			
1129							M_2			
2.8							c	17.70	3683	57.683
56							$n_{2 \text{ Eck}}$			
48							$n_{2 \text{ th}}$			
	1435	1108	2154	1551	2763	1717	M_2			
	3.9	4.5	2.6	3.3	2.1	3.0	c	17.70	5726	57.683
	25	52	25	52	23	52	$n_{2 \text{ Eck}}$			
	25	38	25	38	23	38	$n_{2 \text{ th}}$			
1272							M_2			
2.8							c	17.50	4149	64.995
50							$n_{2 \text{ Eck}}$			
42							$n_{2 \text{ th}}$			
	1621	1253	2432	1752	3119	1939	M_2			
	3.6	4.2	2.4	3.0	1.9	2.7	c	17.50	5992	64.995
	22	46	22	46	21	46	$n_{2 \text{ Eck}}$			
	22	34	22	34	21	34	$n_{2 \text{ th}}$			
1394							M_2			
2.4							c	13.00	3776	70.887
46							$n_{2 \text{ Eck}}$			
44							$n_{2 \text{ th}}$			
	1775	1373	2660	1918	3408	2122	M_2			
	3.2	3.7	2.2	2.7	1.7	2.5	c	13.00	5867	70.887
	20	42	20	42	19	42	$n_{2 \text{ Eck}}$			
	20	31	20	31	19	31	$n_{2 \text{ th}}$			
1571							M_2			
2.4							c	12.90	4255	79.873
40							$n_{2 \text{ Eck}}$			
39							$n_{2 \text{ th}}$			
	2007	1553	3003	2166	3847	2396	M_2			
	3.0	3.4	2.0	2.5	1.6	2.2	c	12.90	6032	79.873
	18	38	18	38	17	38	$n_{2 \text{ Eck}}$			
	18	28	18	28	17	28	$n_{2 \text{ th}}$			
1813							M_2			
1.9							c	8.30	3915	91.737
35							$n_{2 \text{ Eck}}$			
35							$n_{2 \text{ th}}$			
2043							M_2			
1.9							c	8.21	4411	103.365
31							$n_{2 \text{ Eck}}$			
31							$n_{2 \text{ th}}$			
2203							M_2			
1.7							c	6.05	3963	111.335
29							$n_{2 \text{ Eck}}$			
29							$n_{2 \text{ th}}$			

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

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



GKS [Nm]

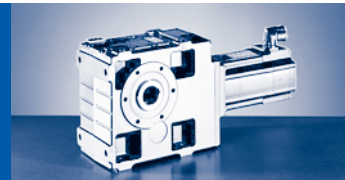
GKS□□-□S (MCS)

$M_{2GN} \leq 6032 \text{ Nm}$

GKS11-3S				14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14
				...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1							
			n_1	1500	3600	1500	3225	1500	3225	1350
			I_{M400}	4.5	7.5	6.6	11.9	9.7	15.0	10.8
			P_N	1.45	2.80	2.50	4.70	3.60	5.80	4.20
			J_M	8.22	8.22	14.32	14.32	23.44	23.44	34.74
125.448	4465	5.99	M_2	1061	859	1880	1640	2722	2025	3565
			c	4.1	4.7	2.3	2.6	1.6	2.1	1.3
			$n_{2 \text{ Eck}}$	12	29	12	26	12	26	11
			$n_{2 \text{ th}}$	12	29	12	26	12	26	11
140.732	4010	3.96	M_2	1201	973	2119	1850	3065	2282	4010
			c	3.3	3.8	1.9	2.1	1.3	1.7	1.0
			$n_{2 \text{ Eck}}$	11	26	11	23	11	23	10
			$n_{2 \text{ th}}$	11	26	11	23	11	23	10
158.571	4519	3.93	M_2	1353	1097	2388	2084	3453	2572	4519
			c	3.3	3.8	1.9	2.1	1.3	1.7	1.0
			$n_{2 \text{ Eck}}$	10	23	10	20	10	20	9
			$n_{2 \text{ th}}$	9	23	9	20	9	20	9
186.572	5975	7.07	M_2	1585	1284	2802	2446	4056	3019	5310
			c	3.7	4.2	2.1	2.4	1.5	1.9	1.1
			$n_{2 \text{ Eck}}$	8	19	8	17	8	17	7
			$n_{2 \text{ th}}$	8	19	8	17	8	17	7
210.222	5892	7.05	M_2	1794	1455	3167	2764	4579	3410	
			c	3.2	3.7	1.8	2.1	1.3	1.7	
			$n_{2 \text{ Eck}}$	7	17	7	15	7	15	
			$n_{2 \text{ th}}$	7	17	7	15	7	15	
226.431	5975	5.21	M_2	1937	1571	3415	2981	4936	3677	
			c	3.0	3.5	1.7	1.9	1.2	1.6	
			$n_{2 \text{ Eck}}$	7	16	7	14	7	14	
			$n_{2 \text{ th}}$	7	16	7	14	7	14	
255.133	5892	5.20	M_2	2191	1778	3856	3368	5571	4152	
			c	2.6	3.1	1.5	1.7	1.1	1.4	
			$n_{2 \text{ Eck}}$	6	14	6	13	6	13	
			$n_{2 \text{ th}}$	6	14	6	13	6	13	
286.219	5975	3.44	M_2	2465	2001	4333	3785		4664	
			c	2.4	2.8	1.4	1.5		1.3	
			$n_{2 \text{ Eck}}$	5	13	5	11		11	
			$n_{2 \text{ th}}$	5	13	5	11		11	
322.500	5892	3.43	M_2	2786	2263	4891	4273		5264	
			c	2.1	2.4	1.2	1.3		1.1	
			$n_{2 \text{ Eck}}$	5	11	5	10		10	
			$n_{2 \text{ th}}$	5	11	5	10		10	

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

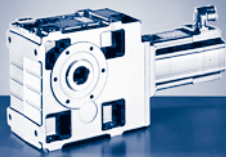


$M_{2GN} \leq 6032 \text{ Nm}$

14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS11-3S			
...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3225	1425	3000	1425	3000	1350	3000	I_{M400}			
15.6	8.6	14.0	12.3	18.5	14.3	19.0	P_N			
7.10	4.00	6.60	6.00	9.10	7.20	10.00	J_M			
34.82	65.12	65.04	105.04	105.12	160.12	160.04				
2483							M_2			
1.7							c	5.99	4465	125.448
26							$n_{2 \text{ Eck}}$			
26							$n_{2 \text{ th}}$			
2796							M_2			
1.4							c	3.96	4010	140.732
23							$n_{2 \text{ Eck}}$			
23							$n_{2 \text{ th}}$			
3150							M_2			
1.4							c	3.93	4519	158.571
20							$n_{2 \text{ Eck}}$			
20							$n_{2 \text{ th}}$			
3699							M_2			
1.6							c	7.07	5975	186.572
17							$n_{2 \text{ Eck}}$			
17							$n_{2 \text{ th}}$			
4177							M_2			
1.4							c	7.05	5892	210.222
15							$n_{2 \text{ Eck}}$			
15							$n_{2 \text{ th}}$			
4503							M_2			
1.3							c	5.21	5975	226.431
14							$n_{2 \text{ Eck}}$			
14							$n_{2 \text{ th}}$			
5082							M_2			
1.1							c	5.20	5892	255.133
13							$n_{2 \text{ Eck}}$			
13							$n_{2 \text{ th}}$			
5708							M_2			
1.0							c	3.44	5975	286.219
11							$n_{2 \text{ Eck}}$			
11							$n_{2 \text{ th}}$			
							M_2			
							c	3.43	5892	322.500
							$n_{2 \text{ Eck}}$			
							$n_{2 \text{ th}}$			

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

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



GKS [Nm]

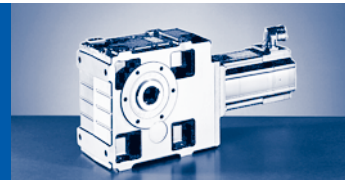
GKS□□-□S (MCS)

$M_{2GN} \leq 6072 \text{ Nm}$

GKS11-4S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525
			I_{M230}	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			I_{M400}	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
102.119	2972	7.28	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$				408 5.7 40 40					
102.119	3825	7.28	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							923 4.0 15 15	734 4.5 29 29	688 4.6 35 35
102.119	5292	7.28	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$									
115.063	4309	7.21	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							1040 4.0 13 13	823 5.0 26 26	771 5.1 31 31
115.063	5869	7.21	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$									
125.095	4685	6.23	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							1130 4.0 12 12	894 5.0 24 24	838 5.1 28 28
125.095	5800	6.23	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$									
140.952	5279	6.19	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							1274 4.0 11 11	1008 5.0 21 21	944 5.1 25 25
140.952	5923	6.19	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$									
153.242	4931	4.50	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							1393 3.5 10 10	1104 4.3 20 20	1035 4.4 23 23
153.242	5800	4.50	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$									
172.667	5556	4.47	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$							1570 3.5 9 9	1244 4.3 17 17	1166 4.4 20 20
172.667	5923	4.47	M_2 c $n_{2 \text{ Eck}}$ $n_{2 \text{ th}}$									

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i \dots$ [-]
 $c \dots$ [-]

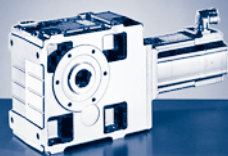


$M_{2GN} \leq 6072 \text{ Nm}$

12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS11-4S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	n_1			
1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	I_{M230}			
11.8										I_{M400}			
5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	P_N			
2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	J_M			
10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	M_2			
										c	7.28	2972	102.119
										n_2			
										Eck			
										n_2			
										th			
1260	1027									M_2			
3.0	3.0									c	7.28	3825	102.119
19	40									n_2			
19	40									Eck			
										n_2			
										th			
				1485	1299	2160	1608	2834	1974	M_2			
				3.5	3.5	2.4	2.8	1.9	2.3	c	7.28	5292	102.119
				15	32	15	32	13	32	n_2			
				15	32	15	32	13	32	Eck			
										n_2			
										th			
1420	1153									M_2			
3.0	3.3									c	7.21	4309	115.063
17	35									n_2			
17	35									Eck			
										n_2			
										th			
		936		1675	1459	2435	1806	3195	2219	M_2			
		5.9		3.4	3.8	2.4	3.1	1.8	2.5	c	7.21	5869	115.063
		13		13	28	13	28	12	28	n_2			
		13		13	28	13	28	12	28	Eck			
										n_2			
										th			
1544	1253									M_2			
3.0	3.3									c	6.23	4685	125.095
16	32									n_2			
16	32									Eck			
										n_2			
										th			
		1024		1827	1592	2653	1970	3480	2418	M_2			
		5.4		3.1	3.5	2.2	2.8	1.7	2.3	c	6.23	5800	125.095
		12		12	26	12	26	11	26	n_2			
		12		12	26	12	26	11	26	Eck			
										n_2			
										th			
1739	1412									M_2			
3.0	3.3									c	6.19	5279	140.952
14	29									n_2			
14	29									Eck			
										n_2			
										th			
		1160	938	2065	1800	2996	2226	3927	2731	M_2			
		4.9	5.7	2.8	3.1	2.0	2.6	1.5	2.1	c	6.19	5923	140.952
		11	26	11	23	11	23	10	23	n_2			
		11	25	11	23	11	23	10	23	Eck			
										n_2			
										th			
1900	1543									M_2			
2.6	2.8									c	4.50	4931	153.242
13	26									n_2			
13	26									Eck			
										n_2			
										th			
		1268	1026	2252	1964	3264	2427	4276	2976	M_2			
		4.4	5.1	2.5	2.8	1.8	2.3	1.4	1.9	c	4.50	5800	153.242
		10	24	10	21	10	21	9	21	n_2			
		10	23	10	21	10	21	9	21	Eck			
										n_2			
										th			
2140	1739									M_2			
2.6	2.8									c	4.47	5556	172.667
11	24									n_2			
11	23									Eck			
										n_2			
										th			
		1436	1162	2544	2219	3684	2741	4825	3360	M_2			
		4.0	4.6	2.3	2.6	1.6	2.1	1.2	1.7	c	4.47	5923	172.667
		9	21	9	19	9	19	8	19	n_2			
		9	21	9	19	9	19	8	19	Eck			
										n_2			
										th			

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

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



GKS [Nm]

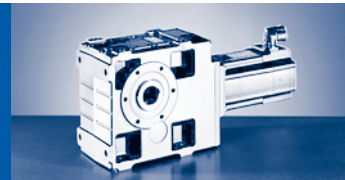
GKS□□-□S (MCS)

$M_{2GN} \leq 6072 \text{ Nm}$

GKS11-4S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525
			I_{M230}	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			I_{M400}	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
201.890	5972	3.74	M_2					984		1841	1460	1368
			c					5.8		3.2	4.0	4.0
			$n_{2 \text{ Eck}}$					10		7	15	18
			$n_{2 \text{ th}}$					10		7	15	17
227.481	5992	3.72	M_2					1117	865	2083	1653	1549
			c					5.1	5.9	2.8	3.5	3.6
			$n_{2 \text{ Eck}}$					9	18	7	13	16
			$n_{2 \text{ th}}$					9	18	7	13	16
248.106	5973	3.36	M_2					1224	949	2277	1809	1695
			c					4.7	5.4	2.6	3.2	3.3
			$n_{2 \text{ Eck}}$					8	16	6	12	14
			$n_{2 \text{ th}}$					8	16	6	12	14
279.556	6032	3.34	M_2					1386	1076	2574	2046	1917
			c					4.2	4.9	2.3	2.9	2.9
			$n_{2 \text{ Eck}}$					7	15	5	11	13
			$n_{2 \text{ th}}$					7	14	5	11	13
322.931	5973	2.09	M_2		885	1100	1314	1612	1253	2984	2374	2225
			c		5.9	4.7	4.0	3.6	4.2	2.0	2.5	2.5
			$n_{2 \text{ Eck}}$		12	13	13	6	13	5	9	11
			$n_{2 \text{ th}}$		12	13	13	6	13	5	9	11
363.866	6032	2.08	M_2		1005	1246	1487	1824	1418	3369	2682	2514
			c		5.3	4.2	3.6	3.2	3.7	1.8	2.2	2.2
			$n_{2 \text{ Eck}}$		10	11	11	5	11	4	8	10
			$n_{2 \text{ th}}$		10	11	11	5	11	4	8	10
395.787	5973	1.52	M_2		1098	1361	1623	1990	1548	3671	2924	2741
			c		4.8	3.9	3.3	2.9	3.4	1.6	2.0	2.0
			$n_{2 \text{ Eck}}$		10	10	10	5	10	4	8	9
			$n_{2 \text{ th}}$		9	10	10	5	10	4	8	9
445.958	6032	1.52	M_2	910	1245	1541	1835	2250	1751	4144	3302	3095
			c	5.7	4.3	3.5	2.9	2.6	3.1	1.5	1.8	1.8
			$n_{2 \text{ Eck}}$	9	8	9	9	4	9	3	7	8
			$n_{2 \text{ th}}$	9	8	9	9	4	9	3	7	8
512.196	5975	1.39	M_2	1054	1439	1779	2117	2595	2021	4770	3803	3565
			c	4.9	3.7	3.0	2.5	2.3	2.6	1.3	1.6	1.6
			$n_{2 \text{ Eck}}$	8	7	8	8	4	8	3	6	7
			$n_{2 \text{ th}}$	8	7	8	8	4	8	3	6	7
577.122	6072	1.38	M_2	1194	1628	2011	2392	2930	2283	5381	4292	4023
			c	4.4	3.4	2.7	2.3	2.1	2.4	1.1	1.4	1.4
			$n_{2 \text{ Eck}}$	7	7	7	7	3	7	3	5	6
			$n_{2 \text{ th}}$	7	7	7	7	3	7	3	5	6
621.619	5975	1.31	M_2	1291	1759	2171	2582	3162	2465	5802	4629	4339
			c	4.1	3.1	2.5	2.1	1.9	2.2	1.0	1.3	1.3
			$n_{2 \text{ Eck}}$	7	6	7	7	3	7	2	5	6
			$n_{2 \text{ th}}$	7	6	7	7	3	7	2	5	6
700.416	6072	1.31	M_2	1461	1989	2453	2916	3570	2783		5223	4896
			c	3.7	2.8	2.2	1.9	1.7	2.0		1.2	1.2
			$n_{2 \text{ Eck}}$	6	5	6	6	3	6		4	5
			$n_{2 \text{ th}}$	6	5	6	6	3	6		4	5
816.455	5975	0.82	M_2	1714	2329	2870	3409	4174	3255			
			c	3.1	2.4	1.9	1.6	1.4	1.7			
			$n_{2 \text{ Eck}}$	5	5	5	5	2	5			
			$n_{2 \text{ th}}$	5	5	5	5	2	5			

$M \dots [\text{Nm}]$
 $n \dots [\text{r/min}]$
 $J \dots [\text{kgcm}^2]$

$P \dots [\text{kW}]$
 $I \dots [\text{A}]$
 $i \dots [-]$
 $c \dots [-]$

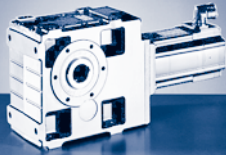


$M_{2GN} \leq 6072 \text{ Nm}$

12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS11-4S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	n_1			
1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	I_{M230}			
11.8										I_{M400}			
5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	P_N			
2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	J_M			
10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	M_2			
2508	2038	1689	1369	2984	2605	4318	3215	5652	3939	c	3.74	5972	201.890
2.4	2.6	3.4	4.0	2.0	2.2	1.4	1.8	1.1	1.5	$n_{2 \text{ Eck}}$			
10	20	7	18	7	16	7	16	7	16	$n_{2 \text{ th}}$			
10	20	7	18	7	16	7	16	7	16				
2834	2303	1911	1550	3371	2943	4873	3630		4446	M_2	3.72	5992	227.481
2.1	2.3	3.1	3.5	1.8	2.0	1.2	1.6		1.3	c			
9	18	7	16	7	14	7	14		14	$n_{2 \text{ Eck}}$			
9	18	7	16	7	14	7	14		14	$n_{2 \text{ th}}$			
3097	2518	2090	1696	3682	3216	5321	3965		4855	M_2	3.36	5973	248.106
1.9	2.1	2.8	3.2	1.6	1.8	1.1	1.5		1.2	c			
8	16	6	15	6	13	6	13		13	$n_{2 \text{ Eck}}$			
8	16	6	14	6	13	6	13		13	$n_{2 \text{ th}}$			
3497	2844	2363	1918	4157	3630	6003	4475		5477	M_2	3.34	6032	279.556
1.7	1.9	2.5	2.9	1.4	1.6	1.0	1.3		1.1	c			
7	15	5	13	5	12	5	12		12	$n_{2 \text{ Eck}}$			
7	14	5	13	5	12	5	12		12	$n_{2 \text{ th}}$			
4050	3294	2740	2225	4812	4204		5179			M_2	2.09	5973	322.931
1.5	1.6	2.2	2.5	1.2	1.4		1.1			c			
6	13	5	11	5	10		10			$n_{2 \text{ Eck}}$			
6	13	5	11	5	10		10			$n_{2 \text{ th}}$			
4571	3719	3095	2515	5430	4744		5843			M_2	2.08	6032	363.866
1.3	1.5	1.9	2.2	1.1	1.2		1.0			c			
5	11	4	10	4	9		9			$n_{2 \text{ Eck}}$			
5	11	4	10	4	9		9			$n_{2 \text{ th}}$			
4978	4051	3372	2741	5912	5167					M_2	1.52	5973	395.787
1.2	1.3	1.8	2.0	1.0	1.1					c			
5	10	4	9	4	8					$n_{2 \text{ Eck}}$			
5	10	4	9	4	8					$n_{2 \text{ th}}$			
5617	4571	3807	3096		5829					M_2	1.52	6032	445.958
1.1	1.2	1.6	1.8		1.0					c			
4	9	3	8		7					$n_{2 \text{ Eck}}$			
4	9	3	8		7					$n_{2 \text{ th}}$			
	5259	4383	3565							M_2	1.39	5975	512.196
	1.0	1.4	1.6							c			
	8	3	7							$n_{2 \text{ Eck}}$			
	8	3	7							$n_{2 \text{ th}}$			
		4946	4024							M_2	1.38	6072	577.122
		1.2	1.4							c			
		3	6							$n_{2 \text{ Eck}}$			
		3	6							$n_{2 \text{ th}}$			
		5333	4340							M_2	1.31	5975	621.619
		1.1	1.3							c			
		2	6							$n_{2 \text{ Eck}}$			
		2	6							$n_{2 \text{ th}}$			
		6016	4896							M_2	1.31	6072	700.416
		1.0	1.2							c			
		2	5							$n_{2 \text{ Eck}}$			
		2	5							$n_{2 \text{ th}}$			
										M_2	0.82	5975	816.455
										c			
										$n_{2 \text{ Eck}}$			
										$n_{2 \text{ th}}$			

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

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



GKS [Nm]

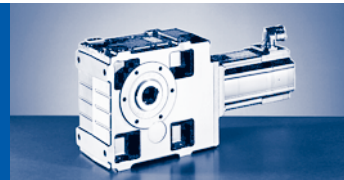
GKS□□-□S (MCS)

$M_{2GN} \leq 6072 \text{ Nm}$

GKS11-4S				09DC41	09FC38	09HC41	09LC41	12DC20	12DC41	12HC15	12HC30	12HC35
				...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	2.30	3.10	3.80	4.50	5.50	4.30	10.00	8.00	7.50
			n_1	4050	3750	4050	4050	1950	4050	1500	3000	3525
			I_{M230}	4.6	5.0	6.8	8.4	5.2	8.8	7.6	10.5	
			I_{M400}	2.3	2.5	3.4	4.2	2.6	4.5	3.8		5.7
			P_N	1.00	1.20	1.60	1.90	1.10	1.80	1.60	2.50	2.80
			J_M	1.13	1.53	1.93	2.83	4.12	4.12	7.42	7.42	7.42
919.949	6072	0.82	M_2	1938	2631	3240	3848	4710	3674			
			c	2.8	2.1	1.7	1.4	1.3	1.5			
			$n_{2 \text{ Eck}}$	4	4	4	4	2	4			
			$n_{2 \text{ th}}$	4	4	4	4	2	4			
990.879	5975	0.60	M_2	2093	2839	3496	4150	5079	3963			
			c	2.5	1.9	1.5	1.3	1.2	1.4			
			$n_{2 \text{ Eck}}$	4	4	4	4	2	4			
			$n_{2 \text{ th}}$	4	4	4	4	2	4			
1116.484	6072	0.60	M_2	2365	3206	3945	4683	5730	4472			
			c	2.3	1.7	1.4	1.2	1.1	1.2			
			$n_{2 \text{ Eck}}$	4	3	4	4	2	4			
			$n_{2 \text{ th}}$	4	3	4	4	2	4			
1252.516	5975	0.39	M_2	2661	3605	4434	5261					
			c	2.0	1.5	1.2	1.0					
			$n_{2 \text{ Eck}}$	3	3	3	3					
			$n_{2 \text{ th}}$	3	3	3	3					
1411.286	6072	0.39	M_2	3004	4068	5002						
			c	1.8	1.4	1.1						
			$n_{2 \text{ Eck}}$	3	3	3						
			$n_{2 \text{ th}}$	3	3	3						

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

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

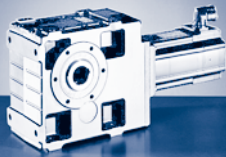


$M_{2GN} \leq 6072 \text{ Nm}$

12LC20	12LC41	14DC15	14DC36	14HC15	14HC32	14LC15	14LC32	14PC14	14PC32	GKS11-4S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
13.50	11.00	9.20	7.50	16.00	14.00	23.00	17.20	30.00	21.00	n_1			
1950	4050	1500	3600	1500	3225	1500	3225	1350	3225	i_{M230}			
11.8										i_{M400}			
5.9	10.2	4.5	7.5	6.6	11.9	9.7	15.0	10.8	15.6	P_N			
2.80	4.70	1.45	2.80	2.50	4.70	3.60	5.80	4.20	7.10	J_M			
10.72	10.72	8.22	8.22	14.32	14.32	23.44	23.44	34.74	34.82	M_2			
										c			
										n_{2Eck}	0.82	6072	919.949
										n_{2th}			
										M_2			
										c			
										n_{2Eck}	0.60	5975	990.879
										n_{2th}			
										M_2			
										c			
										n_{2Eck}	0.60	6072	1116.484
										n_{2th}			
										M_2			
										c			
										n_{2Eck}	0.39	5975	1252.516
										n_{2th}			
										M_2			
										c			
										n_{2Eck}	0.39	6072	1411.286
										n_{2th}			

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

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



GKS [Nm]

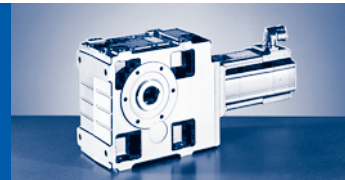
GKS□□-□□ (MCS)

$M_{2GN} \leq 11609 \text{ Nm}$

GKS14-3S				19FC14	19FC30	19JC14	19JC30	19PC14	19PC30
				...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1						
			n_1	1425	3000	1425	3000	1350	3000
			I_{M400}	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
16.646	3765	198.00	M_2			599		775	480
			c			6.0		4.7	5.9
			$n_{2 \text{ Eck}}$			86		81	180
			$n_{2 \text{ th}}$			86		81	103
18.311	3889	173.00	M_2			662		855	530
			c			5.6		4.4	5.6
			$n_{2 \text{ Eck}}$			78		74	164
			$n_{2 \text{ th}}$			78		74	95
24.696	5585	183.00	M_2			889		1150	712
			c			6.0		4.7	5.9
			$n_{2 \text{ Eck}}$			58		55	122
			$n_{2 \text{ th}}$			58		55	69
27.165	5770	159.00	M_2			982		1269	786
			c			5.6		4.4	5.6
			$n_{2 \text{ Eck}}$			53		50	110
			$n_{2 \text{ th}}$			52		50	64
30.609	6501	156.00	M_2			1107		1430	886
			c			5.6		4.4	5.6
			$n_{2 \text{ Eck}}$			47		44	98
			$n_{2 \text{ th}}$			47		44	57
34.692	6208	111.00	M_2			1267	914	1633	1014
			c			4.7	5.2	3.7	4.7
			$n_{2 \text{ Eck}}$			41	87	39	87
			$n_{2 \text{ th}}$			41	57	39	56
39.089	6995	109.00	M_2			1427	1030	1840	1142
			c			4.7	5.2	3.7	4.7
			$n_{2 \text{ Eck}}$			37	77	35	77
			$n_{2 \text{ th}}$			36	51	35	50
42.531	6541	82.40	M_2	1033		1564	1122	2013	1244
			c	6.0		4.1	5.0	3.2	4.6
			$n_{2 \text{ Eck}}$	34		34	71	32	71
			$n_{2 \text{ th}}$	34		34	52	32	51
47.923	7370	81.10	M_2	1164		1762	1264	2268	1402
			c	6.0		4.1	5.0	3.2	4.6
			$n_{2 \text{ Eck}}$	30		30	63	28	63
			$n_{2 \text{ th}}$	30		30	46	28	45
56.251	6887	54.20	M_2	1385	1068	2087	1500	2681	1662
			c	4.8	5.5	3.2	4.0	2.5	3.6
			$n_{2 \text{ Eck}}$	25	53	25	53	24	53
			$n_{2 \text{ th}}$	25	39	25	39	24	39
63.382	7760	53.50	M_2	1561	1204	2352	1691	3021	1873
			c	4.8	5.5	3.2	4.0	2.5	3.6
			$n_{2 \text{ Eck}}$	23	47	23	47	21	47
			$n_{2 \text{ th}}$	22	35	22	35	21	35
68.942	7217	38.90	M_2	1711	1321	2571	1851	3299	2049
			c	4.1	4.7	2.8	3.4	2.2	3.1
			$n_{2 \text{ Eck}}$	21	44	21	44	20	44
			$n_{2 \text{ th}}$	21	32	21	32	20	32
77.681	8131	38.40	M_2	1928	1489	2897	2085	3717	2309
			c	4.1	4.7	2.8	3.4	2.2	3.1
			$n_{2 \text{ Eck}}$	18	39	18	39	17	39
			$n_{2 \text{ th}}$	18	28	18	28	17	28

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

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

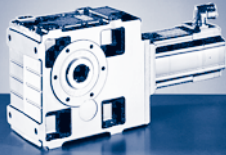


$M_{2GN} \leq 11609 \text{ Nm}$

GKS14-3S				19FC14	19FC30	19JC14	19JC30	19PC14	19PC30
				...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	27.00	21.00	40.00	29.00	51.00	32.00
			n_1	1425	3000	1425	3000	1350	3000
			I_{M400}	8.6	14.0	12.3	18.5	14.3	19.0
			P_N	4.00	6.60	6.00	9.10	7.20	10.00
			J_M	65.12	65.04	105.04	105.12	160.12	160.04
90.551	7420	25.10	M_2	2269	1755	3399	2450	4355	2711
			c	3.2	3.7	2.2	2.7	1.7	2.4
			$n_{2 \text{ Eck}}$	16	33	16	33	15	33
			$n_{2 \text{ th}}$	16	24	16	24	15	24
102.029	8361	24.90	M_2	2556	1977	3829	2761	4907	3055
			c	3.2	3.7	2.2	2.7	1.7	2.4
			$n_{2 \text{ Eck}}$	14	29	14	29	13	29
			$n_{2 \text{ th}}$	14	22	14	22	13	22
109.896	7512	18.30	M_2	2769	2144	4140	2988	5301	3304
			c	2.7	3.1	1.8	2.2	1.4	2.0
			$n_{2 \text{ Eck}}$	13	27	13	27	12	27
			$n_{2 \text{ th}}$	13	20	13	20	12	20
123.826	8464	18.10	M_2	3120	2407	4665	3358	5973	3714
			c	2.7	3.4	1.8	2.5	1.4	2.3
			$n_{2 \text{ Eck}}$	12	24	12	24	11	24
			$n_{2 \text{ th}}$	12	18	12	18	11	18
186.572	11609	21.60	M_2	4713	3639	7041	5071	9011	5608
			c	2.4	3.1	1.6	2.3	1.3	2.1
			$n_{2 \text{ Eck}}$	8	16	8	16	7	16
			$n_{2 \text{ th}}$	8	12	8	12	7	12
210.222	11555	21.50	M_2	5327	4116	7950	5730	10169	6335
			c	2.1	2.8	1.5	2.0	1.1	1.8
			$n_{2 \text{ Eck}}$	7	14	7	14	6	14
			$n_{2 \text{ th}}$	7	11	7	11	6	11
226.431	11609	15.90	M_2	5746	4442	8571	6181	10962	6833
			c	2.0	2.6	1.4	1.9	1.1	1.7
			$n_{2 \text{ Eck}}$	6	13	6	13	6	13
			$n_{2 \text{ th}}$	6	10	6	10	6	10
255.133	11555	15.80	M_2	6490	5021	9674	6980		7715
			c	1.8	2.3	1.2	1.6		1.5
			$n_{2 \text{ Eck}}$	6	12	6	12		12
			$n_{2 \text{ th}}$	6	9	6	9		9

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

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



GKS [Nm]

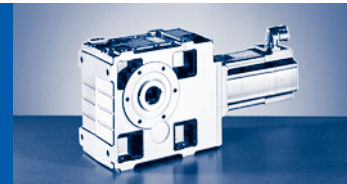
GKS□□-□S (MCS)

$M_{2GN} \leq 11639 \text{ Nm}$

GKS14-4S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			I_{M230}	5.2	8.8	7.6	10.5		11.8				
			I_{M400}	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
97.467	4589	23.47	M_2			871	692	648	1193	972			
			c			5.0	5.7	5.8	3.7	3.7			
			$n_{2 \text{ Eck}}$			15	31	36	20	42			
			$n_{2 \text{ th}}$			15	31	36	20	36			
97.467	7182	23.47	M_2										1395
			c										4.9
			$n_{2 \text{ Eck}}$										15
			$n_{2 \text{ th}}$										15
97.467	10019	23.47	M_2										
			c										
			$n_{2 \text{ Eck}}$										
			$n_{2 \text{ th}}$										
109.822	5170	23.23	M_2			981	779	730	1344	1095			
			c			5.0	5.7	5.8	3.7	3.7			
			$n_{2 \text{ Eck}}$			14	27	32	18	37			
			$n_{2 \text{ th}}$			14	27	32	18	32			
109.822	8093	23.23	M_2										1572
			c										4.9
			$n_{2 \text{ Eck}}$										14
			$n_{2 \text{ th}}$										14
109.822	10937	23.23	M_2										
			c										
			$n_{2 \text{ Eck}}$										
			$n_{2 \text{ th}}$										
119.493	5626	19.94	M_2			1067			1462	1186			
			c			5.0			3.7	4.2			
			$n_{2 \text{ Eck}}$			13			16	34			
			$n_{2 \text{ th}}$			13			16	30			
119.493	8805	19.94	M_2										1710
			c										4.9
			$n_{2 \text{ Eck}}$										13
			$n_{2 \text{ th}}$										13
119.493	10787	19.94	M_2										
			c										
			$n_{2 \text{ Eck}}$										
			$n_{2 \text{ th}}$										
134.640	6339	19.78	M_2			1203			1647	1336			
			c			5.0			3.7	4.2			
			$n_{2 \text{ Eck}}$			11			15	30			
			$n_{2 \text{ th}}$			11			14	26			
134.640	9921	19.78	M_2										1927
			c										4.9
			$n_{2 \text{ Eck}}$										11
			$n_{2 \text{ th}}$										11
134.640	11261	19.78	M_2										
			c										
			$n_{2 \text{ Eck}}$										
			$n_{2 \text{ th}}$										
158.039	7440	16.44	M_2			1412			1934	1568			
			c			5.0			3.7	4.2			
			$n_{2 \text{ Eck}}$			10			12	26			
			$n_{2 \text{ th}}$			9			12	23			

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i \dots$ [-]
 $c \dots$ [-]

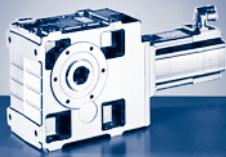


$M_{2GN} \leq 11639 \text{ Nm}$

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS14-4S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	I_{M230}			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	I_{M400}			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
											M_2 c n_{2Eck} n_{2th}	23.47	4589	97.467
1220	2039	1514	2682	1864							M_2 c n_{2Eck} n_{2th}	23.47	7182	97.467
5.0	3.4	4.0	2.6	3.3										
33	15	33	14	33										
33	15	33	14	33										
					2377	1835	3572	2571	4584	2847	M_2 c n_{2Eck} n_{2th}	23.47	10019	97.467
					4.1	4.7	2.7	3.4	2.2	3.1				
					15	31	15	31	14	31				
					15	23	15	23	14	23				
											M_2 c n_{2Eck} n_{2th}	23.23	5170	109.822
1375	2297	1706	3023	2100							M_2 c n_{2Eck} n_{2th}	23.23	8093	109.822
5.0	3.4	4.0	2.6	3.3										
29	14	29	12	29										
29	14	29	12	29										
					2681	2071	4028	2900	5169	3211	M_2 c n_{2Eck} n_{2th}	23.23	10937	109.822
					4.0	4.6	2.7	3.3	2.1	3.0				
					13	27	13	27	12	27				
					13	20	13	20	12	20				
											M_2 c n_{2Eck} n_{2th}	19.94	5626	119.493
1487	2499	1848	3289	2276							M_2 c n_{2Eck} n_{2th}	19.94	8805	119.493
5.5	3.4	4.5	2.6	3.7										
27	13	27	11	27										
27	13	27	11	27										
					2930	2253	4396	3155	5636	3494	M_2 c n_{2Eck} n_{2th}	19.94	10787	119.493
					3.6	4.6	2.4	3.3	1.9	3.0				
					12	25	12	25	11	25				
					12	19	12	19	11	19				
											M_2 c n_{2Eck} n_{2th}	19.78	6339	134.640
1675	2816	2082	3706	2565							M_2 c n_{2Eck} n_{2th}	19.78	9921	134.640
5.5	3.4	4.5	2.6	3.7										
24	11	24	10	24										
24	11	24	10	24										
					3310	2548	4962	3564	6360	3945	M_2 c n_{2Eck} n_{2th}	19.78	11261	134.640
					3.3	4.3	2.2	3.1	1.8	2.8				
					11	22	11	22	10	22				
					11	16	11	16	10	16				
											M_2 c n_{2Eck} n_{2th}	16.44	7440	158.039

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]



GKS [Nm]

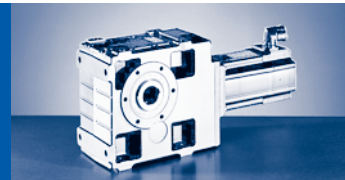
GKS□□-□S (MCS)

$M_{2GN} \leq 11639 \text{ Nm}$

GKS14-4S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500
			I_{M230}	5.2	8.8	7.6	10.5		11.8				
			I_{M400}	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32
158.039	11522	16.44	M_2										2263
			c										4.9
			$n_{2 \text{ Eck}}$										10
			$n_{2 \text{ th}}$										9
178.072	8383	16.35	M_2			1591			2179	1767			
			c			5.0			3.7	4.2			
			$n_{2 \text{ Eck}}$			8			11	23			
			$n_{2 \text{ th}}$			8			11	20			
178.072	11477	16.35	M_2										2566
			c										4.3
			$n_{2 \text{ Eck}}$										8
			$n_{2 \text{ th}}$										8
193.754	11522	12.08	M_2										2802
			c										4.0
			$n_{2 \text{ Eck}}$										8
			$n_{2 \text{ th}}$										8
218.315	11477	12.02	M_2										3174
			c										3.5
			$n_{2 \text{ Eck}}$										7
			$n_{2 \text{ th}}$										7
237.467	11454	10.87	M_2								1939		3463
			c								5.6		3.2
			$n_{2 \text{ Eck}}$								6		6
			$n_{2 \text{ th}}$								6		6
267.568	11520	10.83	M_2								2200	1778	3917
			c								5.0	5.8	2.9
			$n_{2 \text{ Eck}}$								6	14	6
			$n_{2 \text{ th}}$								6	13	6
321.729	10184	6.42	M_2			2927	2320	2174	3990	3241			
			c			3.4	4.2	4.3	2.5	2.8			
			$n_{2 \text{ Eck}}$			5	9	11	6	13			
			$n_{2 \text{ th}}$			5	9	11	6	13			
321.729	11454	6.42	M_2								2671	2162	4735
			c								4.1	4.8	2.4
			$n_{2 \text{ Eck}}$								5	11	5
			$n_{2 \text{ th}}$								5	11	5
362.512	11475	6.40	M_2			3298	2614	2449	4496	3652			
			c			3.4	4.2	4.3	2.5	2.8			
			$n_{2 \text{ Eck}}$			4	8	10	5	11			
			$n_{2 \text{ th}}$			4	8	10	5	11			
362.512	11520	6.40	M_2								3024	2450	5350
			c								3.7	4.3	2.1
			$n_{2 \text{ Eck}}$								4	10	4
			$n_{2 \text{ th}}$								4	10	4
390.671	10597	4.75	M_2	1914		3573	2836	2658	4864	3953			
			c	5.3		2.9	3.6	3.7	2.2	2.4			
			$n_{2 \text{ Eck}}$	5		4	8	9	5	10			
			$n_{2 \text{ th}}$	5		4	8	9	5	10			
390.671	11454	4.75	M_2								3269	2650	5776
			c								3.4	3.9	2.0
			$n_{2 \text{ Eck}}$								4	9	4
			$n_{2 \text{ th}}$								4	9	4

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i \dots$ [-]
 $c \dots$ [-]

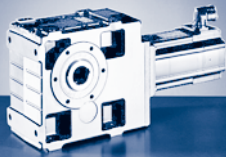


$M_{2GN} \leq 11639 \text{ Nm}$

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS14-4S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	I_{M230}			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	I_{M400}			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
1968	3307	2445	4351	3012	3903	3009	5842	4202	7483	4649	M_2			
5.4	3.4	4.4	2.6	3.6	2.9	3.7	2.0	2.7	1.5	2.4	c	16.44	11522	158.039
20	10	20	9	20	9	19	9	19	9	19	$n_{2 \text{ Eck}}$			
20	9	20	9	20	9	14	9	14	9	14	$n_{2 \text{ th}}$			
											M_2			
											c	16.35	8383	178.072
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
2233	3742	2770	4919	3409	4414	3406	6599	4751	8448	5255	M_2			
4.8	3.0	3.9	2.3	3.2	2.6	3.3	1.7	2.4	1.4	2.2	c	16.35	11477	178.072
18	8	18	8	18	8	17	8	17	8	17	$n_{2 \text{ Eck}}$			
18	8	18	8	18	8	12	8	12	8	12	$n_{2 \text{ th}}$			
2439	4082	3025	5362	3719	4814	3716	7191	5179	9202	5728	M_2			
4.4	2.8	3.6	2.1	3.0	2.4	3.0	1.6	2.2	1.3	2.0	c	12.08	11522	193.754
17	8	17	7	17	7	16	7	16	7	16	$n_{2 \text{ Eck}}$			
17	8	17	7	17	7	11	7	11	7	11	$n_{2 \text{ th}}$			
2764	4616	3424	6058	4207	5440	4204	8118	5852	10384	6470	M_2			
3.9	2.5	3.2	1.9	2.6	2.1	2.7	1.4	1.9	1.1	1.8	c	12.02	11477	218.315
15	7	15	6	15	7	14	7	14	6	14	$n_{2 \text{ Eck}}$			
15	7	15	6	15	7	10	7	10	6	10	$n_{2 \text{ th}}$			
3018	5032	3735	6600	4586	5928	4583	8841	6376	11306	7049	M_2			
3.6	2.3	2.9	1.7	2.4	1.9	2.5	1.3	1.8	1.0	1.6	c	10.87	11454	237.467
14	6	14	6	14	6	13	6	13	6	13	$n_{2 \text{ Eck}}$			
14	6	14	6	14	6	9	6	9	6	9	$n_{2 \text{ th}}$			
3415	5684	4223	7452	5182	6694	5179	9977	7199		7957	M_2			
3.2	2.0	2.6	1.5	2.1	1.7	2.2	1.2	1.6		1.4	c	10.83	11520	267.568
12	6	12	5	12	5	11	5	11		11	$n_{2 \text{ Eck}}$			
12	6	12	5	12	5	8	5	8		8	$n_{2 \text{ th}}$			
											M_2			
											c	6.42	10184	321.729
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
4131	6861	5103	8986	6256							M_2			
2.7	1.7	2.2	1.3	1.8							c	6.42	11454	321.729
10	5	10	4	10							$n_{2 \text{ Eck}}$			
10	5	10	4	10							$n_{2 \text{ th}}$			
											M_2			
											c	6.40	11475	362.512
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
4669	7745	5764	10140	7064							M_2			
2.4	1.5	1.9	1.1	1.6							c	6.40	11520	362.512
9	4	9	4	9							$n_{2 \text{ Eck}}$			
9	4	9	4	9							$n_{2 \text{ th}}$			
											M_2			
											c	4.75	10597	390.671
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
5042	8357	6222	10938	7623							M_2			
2.2	1.4	1.8	1.1	1.5							c	4.75	11454	390.671
8	4	8	4	8							$n_{2 \text{ Eck}}$			
8	4	8	3	8							$n_{2 \text{ th}}$			

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

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



GKS [Nm]

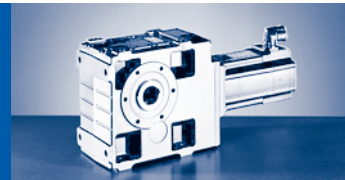
GKS□□-□S (MCS)

$M_{2GN} \leq 11639 \text{ Nm}$

GKS14-4S				12DC20	12DC41	12HC15	12HC30	12HC35	12LC20	12LC41	14DC15	14DC36	14HC15	
				...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500
i	M_{2GN}	J_G	M_1	5.50	4.30	10.00	8.00	7.50	13.50	11.00	9.20	7.50	16.00	
			n_1	1950	4050	1500	3000	3525	1950	4050	1500	3600	1500	
			I_{M230}	5.2	8.8	7.6	10.5		11.8					
			I_{M400}	2.6	4.5	3.8		5.7	5.9	10.2	4.5	7.5	6.6	
			P_N	1.10	1.80	1.60	2.50	2.80	2.80	4.70	1.45	2.80	2.50	
			J_M	4.12	4.12	7.42	7.42	7.42	10.72	10.72	8.22	8.22	14.32	
440.193	11520	4.73	M_2	2161	1675	4031	3200	2999	5485	4458	3698	3000	6523	
			c	5.1	5.9	2.8	3.5	3.5	2.1	2.3	3.1	3.5	1.8	
			$n_{2 \text{ Eck}}$	4	9	3	7	8	4	9	3	8	3	
			$n_{2 \text{ th}}$	4	9	3	7	8	4	9	3	8	3	
513.121	11488	4.33	M_2	2540	1971	4719	3751	3515	6414	5215	4332	3516	7625	
			c	4.4	5.1	2.4	3.0	3.0	1.8	2.0	2.6	3.0	1.5	
			$n_{2 \text{ Eck}}$	4	8	3	6	7	4	8	3	7	3	
			$n_{2 \text{ th}}$	4	8	3	6	7	4	8	3	7	3	
578.164	11639	4.32	M_2	2876	2233	5332	4240	3974	7241	5889	4895	3975	8605	
			c	3.9	4.5	2.2	2.7	2.7	1.6	1.8	2.3	2.7	1.4	
			$n_{2 \text{ Eck}}$	3	7	3	5	6	3	7	3	6	3	
			$n_{2 \text{ th}}$	3	7	3	5	6	3	7	3	6	3	
622.742	11488	4.12	M_2	3109	2416	5754	4578	4291	7811	6353	5284	4292	9280	
			c	3.6	4.2	2.0	2.5	2.5	1.5	1.6	2.2	2.5	1.2	
			$n_{2 \text{ Eck}}$	3	7	2	5	6	3	7	2	6	2	
			$n_{2 \text{ th}}$	3	7	2	5	6	3	7	2	6	2	
701.681	11639	4.12	M_2	3517	2735	6497	5173	4848	8815	7171	5967	4849	10470	
			c	3.2	3.7	1.8	2.2	2.3	1.3	1.5	1.9	2.2	1.1	
			$n_{2 \text{ Eck}}$	3	6	2	4	5	3	6	2	5	2	
			$n_{2 \text{ th}}$	3	6	2	4	5	3	6	2	5	2	
805.901	11488	2.62	M_2	4060	3159	7482	5961	5587	10144	8255	6874	5588		
			c	2.8	3.2	1.5	1.9	1.9	1.1	1.3	1.7	1.9		
			$n_{2 \text{ Eck}}$	2	5	2	4	4	2	5	2	5		
			$n_{2 \text{ th}}$	2	5	2	4	4	2	5	2	4		
908.058	11639	2.62	M_2	4589	3572	8445	6731	6309	11444	9314	7759	6310		
			c	2.5	2.9	1.4	1.7	1.7	1.0	1.1	1.5	1.7		
			$n_{2 \text{ Eck}}$	2	5	2	3	4	2	5	2	4		
			$n_{2 \text{ th}}$	2	4	2	3	4	2	4	2	4		
978.071	11488	1.91	M_2	4954	3858	9107	7261	6806		10042	8369	6807		
			c	2.3	2.7	1.3	1.6	1.6		1.0	1.4	1.6		
			$n_{2 \text{ Eck}}$	2	4	2	3	4		4	2	4		
			$n_{2 \text{ th}}$	2	4	2	3	4		4	2	4		
1102.052	11639	1.91	M_2	5595	4359	10276	8196	7682			9444	7683		
			c	2.1	2.4	1.1	1.4	1.4			1.2	1.4		
			$n_{2 \text{ Eck}}$	2	4	1	3	3			1	3		
			$n_{2 \text{ th}}$	2	4	1	3	3			1	3		
1236.326	11488	1.26	M_2	6294	4906		9211	8634						
			c	1.8	2.1		1.2	1.3						
			$n_{2 \text{ Eck}}$	2	3		2	3						
			$n_{2 \text{ th}}$	2	3		2	3						
1393.043	11639	1.26	M_2	7106	5540		10392	9742						
			c	1.6	1.9		1.1	1.1						
			$n_{2 \text{ Eck}}$	1	3		2	3						
			$n_{2 \text{ th}}$	1	3		2	3						

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

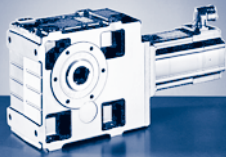


$M_{2GN} \leq 11639 \text{ Nm}$

14HC32	14LC15	14LC32	14PC14	14PC32	19FC14	19FC30	19JC14	19JC30	19PC14	19PC30	GKS14-4S			
...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	...500	M_1	J_G	M_{2GN}	i
14.00	23.00	17.20	30.00	21.00	27.00	21.00	40.00	29.00	51.00	32.00	n_1			
3225	1500	3225	1350	3225	1425	3000	1425	3000	1350	3000	I_{M230}			
11.9	9.7	15.0	10.8	15.6	8.6	14.0	12.3	18.5	14.3	19.0	I_{M400}			
4.70	3.60	5.80	4.20	7.10	4.00	6.60	6.00	9.10	7.20	10.00	P_N			
14.32	23.44	23.44	34.74	34.82	65.12	65.04	105.04	105.12	160.12	160.04	J_M			
5695	9431	7025		8603							M_2			
2.0	1.2	1.6		1.3							c	4.73	11520	440.193
7	3	7		7							$n_{2 \text{ Eck}}$			
7	3	7		7							$n_{2 \text{ th}}$			
6659	11014	8209		10049							M_2			
1.7	1.0	1.4		1.1							c	4.33	11488	513.121
6	3	6		6							$n_{2 \text{ Eck}}$			
6	3	6		6							$n_{2 \text{ th}}$			
7517		9263		11336							M_2			
1.5		1.2		1.0							c	4.32	11639	578.164
6		6		6							$n_{2 \text{ Eck}}$			
6		6		6							$n_{2 \text{ th}}$			
8108		9988									M_2			
1.4		1.1									c	4.12	11488	622.742
5		5									$n_{2 \text{ Eck}}$			
5		5									$n_{2 \text{ th}}$			
9149		11268									M_2			
1.2		1.0									c	4.12	11639	701.681
5		5									$n_{2 \text{ Eck}}$			
5		5									$n_{2 \text{ th}}$			
10527											M_2			
1.1											c	2.62	11488	805.901
4											$n_{2 \text{ Eck}}$			
4											$n_{2 \text{ th}}$			
											M_2			
											c	2.62	11639	908.058
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
											M_2			
											c	1.91	11488	978.071
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
											M_2			
											c	1.91	11639	1102.052
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
											M_2			
											c	1.26	11488	1236.326
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			
											M_2			
											c	1.26	11639	1393.043
											$n_{2 \text{ Eck}}$			
											$n_{2 \text{ th}}$			

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

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



GKS [Nm]

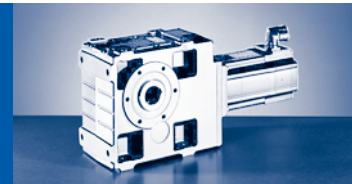
GKS□□-□A (MCA)

$M_{2GN} \leq 187 \text{ Nm}$

GKS04-3A				10IC40	13IC34	13IC41
				...500	...F10	...500
i	M_{2GN}	J_G	M_1			
			n_1	2.00	6.30	4.00
			I_{M400}	3950	3410	4050
			P_N	2.4	6.0	4.4
			J_M	0.80	2.20	1.70
			M_2	2.44	8.34	8.34
5.123	81	1.17	c	9	30	19
			$n_{2 \text{ Eck}}$	6.0	2.0	3.0
			$n_{2 \text{ th}}$	771	666	791
				727	593	639
7.025	93	0.68	M_2	13	42	26
			c	5.0	1.7	2.5
			$n_{2 \text{ Eck}}$	562	485	577
			$n_{2 \text{ th}}$	562	445	503
8.167	128	0.86	M_2	15	48	30
			c	6.0	2.0	3.0
			$n_{2 \text{ Eck}}$	484	418	496
			$n_{2 \text{ th}}$	456	372	401
8.991	103	0.44	M_2	16	54	34
			c	4.4	1.5	2.2
			$n_{2 \text{ Eck}}$	439	379	451
			$n_{2 \text{ th}}$	439	379	450
9.836	106	0.38	M_2	18	59	37
			c	4.1	1.4	2.0
			$n_{2 \text{ Eck}}$	402	347	412
			$n_{2 \text{ th}}$	402	347	412
11.730	180	0.73	M_2	21	69	44
			c	5.9	2.0	2.9
			$n_{2 \text{ Eck}}$	337	291	345
			$n_{2 \text{ th}}$	316	256	278
13.067	165	0.70	M_2	24	78	49
			c	4.8	1.6	2.4
			$n_{2 \text{ Eck}}$	302	261	310
			$n_{2 \text{ th}}$	274	206	240
14.333	164	0.35	M_2	26	85	54
			c	4.4	1.5	2.2
			$n_{2 \text{ Eck}}$	276	238	283
			$n_{2 \text{ th}}$	276	238	283
16.087	181	0.44	M_2	30	96	60
			c	4.3	1.4	2.1
			$n_{2 \text{ Eck}}$	246	212	252
			$n_{2 \text{ th}}$	242	181	214
17.920	166	0.43	M_2	33	107	68
			c	3.5	1.2	1.8
			$n_{2 \text{ Eck}}$	220	190	226
			$n_{2 \text{ th}}$	210	150	178
20.588	182	0.30	M_2	38	123	78
			c	3.4	1.1	1.7
			$n_{2 \text{ Eck}}$	192	166	197
			$n_{2 \text{ th}}$	192	148	178
22.522	182	0.26	M_2	42	135	85
			c	3.1	1.0	1.5
			$n_{2 \text{ Eck}}$	175	151	180
			$n_{2 \text{ th}}$	175	138	163
25.088	167	0.25	M_2	47		95
			c	2.5		1.3
			$n_{2 \text{ Eck}}$	158		161
			$n_{2 \text{ th}}$	157		134

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

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

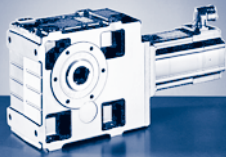


$M_{2GN} \leq 187 \text{ Nm}$

GKS04-3A				10IC40	13IC34	13IC41
				...500	...F10	...500
i	M_{2GN}	J_G	M_1			
			n_1	3950	3410	4050
			I_{M400}	2.4	6.0	4.4
			P_N	0.80	2.20	1.70
			J_M	2.44	8.34	8.34
28.727	183	0.18	M_2	54		109
			c	2.4		1.2
			$n_{2 \text{ Eck}}$	138		141
			$n_{2 \text{ th}}$	138		133
32.000	167	0.18	M_2	60		
			c	2.0		
			$n_{2 \text{ Eck}}$	123		
			$n_{2 \text{ th}}$	123		
35.191	183	0.14	M_2	66		
			c	2.0		
			$n_{2 \text{ Eck}}$	112		
			$n_{2 \text{ th}}$	112		
39.200	168	0.13	M_2	74		
			c	1.6		
			$n_{2 \text{ Eck}}$	101		
			$n_{2 \text{ th}}$	101		
44.240	185	0.09	M_2	83		
			c	1.8		
			$n_{2 \text{ Eck}}$	89		
			$n_{2 \text{ th}}$	89		
50.943	182	0.18	M_2	96		
			c	1.6		
			$n_{2 \text{ Eck}}$	78		
			$n_{2 \text{ th}}$	72		
56.976	187	0.06	M_2	108		
			c	1.4		
			$n_{2 \text{ Eck}}$	69		
			$n_{2 \text{ th}}$	69		
64.978	183	0.13	M_2	123		
			c	1.2		
			$n_{2 \text{ Eck}}$	61		
			$n_{2 \text{ th}}$	59		

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

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



GKS [Nm]

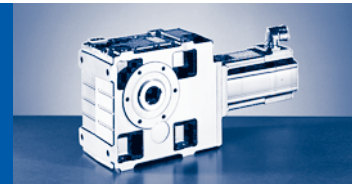
GKS□□-□A (MCA)

$M_{2GN} \leq 331 \text{ Nm}$

GKS05-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1							
			n_1	3950	3410	4050	1635	2000	3455	4100
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
6.863	147	1.90	M_2		40	25	78	43	70	34
			c		2.7	4.1	1.8	3.1	1.6	3.0
			$n_{2 \text{ Eck}}$		497	590	238	291	503	597
			$n_{2 \text{ th}}$		389	422	238	291	321	397
9.412	165	1.17	M_2		56	35	107	59	96	48
			c		2.2	3.3	1.5	2.5	1.3	2.4
			$n_{2 \text{ Eck}}$		362	430	174	213	367	436
			$n_{2 \text{ th}}$		320	347	174	213	248	327
10.569	227	1.60	M_2		62	39	119	66	108	53
			c		2.7	4.1	1.8	3.1	1.6	3.0
			$n_{2 \text{ Eck}}$		323	383	155	189	327	388
			$n_{2 \text{ th}}$		253	274	155	189	209	258
11.667	251	1.65	M_2		69	43	132	73	119	59
			c		2.7	4.1	1.8	3.1	1.6	3.0
			$n_{2 \text{ Eck}}$		292	347	140	171	296	351
			$n_{2 \text{ th}}$		229	248	140	171	189	234
13.176	165	0.71	M_2	24	78	49	150	83		67
			c	4.8	1.6	2.4	1.1	1.8		1.8
			$n_{2 \text{ Eck}}$	300	259	307	124	152		311
			$n_{2 \text{ th}}$	300	231	266	124	152		242
14.494	254	1.05	M_2		86	54	164	91	148	73
			c		2.2	3.3	1.5	2.5	1.3	2.4
			$n_{2 \text{ Eck}}$		235	279	113	138	238	283
			$n_{2 \text{ th}}$		208	225	113	138	161	212
16.000	280	1.04	M_2		95	59	181	100	164	81
			c		2.2	3.3	1.5	2.5	1.3	2.4
			$n_{2 \text{ Eck}}$		213	253	102	125	216	256
			$n_{2 \text{ th}}$		188	204	102	125	146	192
17.054	314	1.51	M_2		101	63	193	107	174	86
			c		2.3	3.5	1.6	2.6	1.4	2.6
			$n_{2 \text{ Eck}}$		200	238	96	117	203	240
			$n_{2 \text{ th}}$		151	165	96	117	119	155
19.216	297	1.47	M_2		114	72	218	121	197	97
			c		2.0	2.9	1.3	2.2	1.1	2.2
			$n_{2 \text{ Eck}}$		178	211	85	104	180	213
			$n_{2 \text{ th}}$		129	141	85	104	98	132
23.388	329	0.96	M_2		139	87	266	147	240	119
			c		1.8	2.7	1.2	2.0	1.0	2.0
			$n_{2 \text{ Eck}}$		146	173	70	86	148	175
			$n_{2 \text{ th}}$		119	134	70	86	90	125
26.353	298	0.95	M_2		157	99		167		134
			c		1.4	2.1		1.6		1.6
			$n_{2 \text{ Eck}}$		129	154		76		156
			$n_{2 \text{ th}}$		94	113		76		98
29.931	330	0.67	M_2	55	178	112		189		153
			c	4.2	1.4	2.1		1.6		1.5
			$n_{2 \text{ Eck}}$	132	114	135		67		137
			$n_{2 \text{ th}}$	125	92	110		67		96
32.744	331	0.58	M_2	60	195	123		207		167
			c	3.9	1.3	1.9		1.4		1.4
			$n_{2 \text{ Eck}}$	121	104	124		61		125
			$n_{2 \text{ th}}$	116	85	102		61		88

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

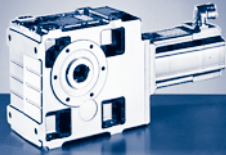


$M_{2GN} \leq 331 \text{ Nm}$

GKS05-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...500	...F10	...S00	...F10	...S00	...F10	...500
i	M_{2GN}	J_G	M_1							
			n_1	3950	3410	4050	1635	2000	3455	4100
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
36.894	302	0.58	M_2	69	221	139		234		189
			c	3.1	1.0	1.6		1.2		1.1
			$n_{2 \text{ Eck}}$	107	92	110		54		111
			$n_{2 \text{ th}}$	100	69	82		54		72
41.765	331	0.42	M_2	78	250	158		265		214
			c	3.0	1.0	1.5		1.1		1.1
			$n_{2 \text{ Eck}}$	95	82	97		48		98
			$n_{2 \text{ th}}$	95	71	84		48		73
47.059	304	0.41	M_2	88		178		299		241
			c	2.8		1.4		1.0		1.0
			$n_{2 \text{ Eck}}$	84		86		43		87
			$n_{2 \text{ th}}$	84		72		43		63
51.162	331	0.32	M_2	95		194		326		262
			c	2.8		1.4		1.0		1.0
			$n_{2 \text{ Eck}}$	77		79		39		80
			$n_{2 \text{ th}}$	77		74		39		66
57.647	307	0.32	M_2	108		219				
			c	2.3		1.1				
			$n_{2 \text{ Eck}}$	69		70				
			$n_{2 \text{ th}}$	69		61				
66.592	331	0.20	M_2	125		253				
			c	2.2		1.1				
			$n_{2 \text{ Eck}}$	59		61				
			$n_{2 \text{ th}}$	59		61				
75.033	310	0.20	M_2	141						
			c	1.8						
			$n_{2 \text{ Eck}}$	53						
			$n_{2 \text{ th}}$	53						
82.833	331	0.14	M_2	156						
			c	1.7						
			$n_{2 \text{ Eck}}$	48						
			$n_{2 \text{ th}}$	48						
93.333	315	0.14	M_2	176						
			c	1.5						
			$n_{2 \text{ Eck}}$	42						
			$n_{2 \text{ th}}$	42						
107.196	331	0.09	M_2	203						
			c	1.3						
			$n_{2 \text{ Eck}}$	37						
			$n_{2 \text{ th}}$	37						
120.784	315	0.09	M_2	229						
			c	1.3						
			$n_{2 \text{ Eck}}$	33						
			$n_{2 \text{ th}}$	33						
130.097	331	0.07	M_2	247						
			c	1.2						
			$n_{2 \text{ Eck}}$	30						
			$n_{2 \text{ th}}$	30						
146.588	315	0.07	M_2	278						
			c	1.0						
			$n_{2 \text{ Eck}}$	27						
			$n_{2 \text{ th}}$	27						

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]



GKS [Nm]

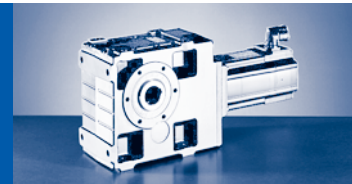
GKS□□-□A (MCA)

$M_{2GN} \leq 283 \text{ Nm}$

GKS05-4A				10IC40
				...500
i	M_{2GN}	J_G	M_1	
			n_1	2.00
			I_{M400}	3950
			P_N	2.4
			J_M	0.80
			M_2	2.44
			c	215
114.987	256	0.20	n_{2Eck}	1.1
			n_{2th}	34
			M_2	34
			c	237
126.933	283	0.20	n_{2Eck}	1.1
			n_{2th}	31
				31

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

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

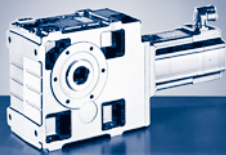


$M_{2GN} \leq 702 \text{ Nm}$

GKS06-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
6.485	263	5.87	M_2				72	39	65	32	131	65	116	57
			c				3.5	5.8	3.0	5.7	1.9	3.4	1.7	3.2
			$n_{2 \text{ Eck}}$				252	308	533	632	259	355	537	634
			$n_{2 \text{ th}}$				252	308	354	404	259	355	294	359
9.196	373	5.05	M_2				102	56	92	45	186	92	165	81
			c				3.5	5.8	3.0	5.7	1.9	3.4	1.7	3.2
			$n_{2 \text{ Eck}}$				178	218	376	446	183	250	378	447
			$n_{2 \text{ th}}$				178	217	249	285	183	250	207	253
10.147	412	4.86	M_2				113	61	102	49	205	101	182	89
			c				3.5	5.8	3.0	5.7	1.9	3.4	1.7	3.2
			$n_{2 \text{ Eck}}$				161	197	341	404	166	227	343	405
			$n_{2 \text{ th}}$				161	197	226	258	166	227	188	230
11.382	331	2.49	M_2		66	41	128	70	115	57	232	115	205	101
			c		3.7	5.5	2.5	4.2	2.2	4.1	1.4	2.5	1.2	2.3
			$n_{2 \text{ Eck}}$		300	356	144	176	304	360	148	202	306	361
			$n_{2 \text{ th}}$		284	306	144	176	253	289	148	202	190	257
12.612	426	3.20	M_2				141	77	127	62	256	127	227	112
			c				2.9	4.8	2.5	4.7	1.6	2.9	1.4	2.7
			$n_{2 \text{ Eck}}$				130	159	274	325	133	182	276	326
			$n_{2 \text{ th}}$				130	159	203	232	133	182	160	207
14.824	600	4.29	M_2				165	90	149	72	300	148	266	131
			c				3.5	5.8	3.0	5.7	1.9	3.4	1.7	3.2
			$n_{2 \text{ Eck}}$				110	135	233	277	113	155	235	277
			$n_{2 \text{ th}}$				110	135	155	177	113	155	129	157
16.699	604	4.16	M_2				186	102	168	82	339	168	300	148
			c				3.1	5.2	2.7	5.0	1.7	3.1	1.5	2.9
			$n_{2 \text{ Eck}}$				98	120	207	246	101	138	208	246
			$n_{2 \text{ th}}$				98	120	134	153	101	138	107	136
17.809	518	2.13	M_2		104	64	200	110	180	88	362	180	321	158
			c		3.7	5.5	2.5	4.2	2.2	4.1	1.4	2.5	1.2	2.3
			$n_{2 \text{ Eck}}$		192	227	92	112	194	230	94	129	195	231
			$n_{2 \text{ th}}$		182	196	92	112	162	185	94	129	122	165
20.329	665	2.79	M_2				227	124	205	100	413	205	365	180
			c				2.8	4.7	2.4	4.6	1.5	2.8	1.4	2.6
			$n_{2 \text{ Eck}}$				80	98	170	202	83	113	171	202
			$n_{2 \text{ th}}$				80	98	125	143	83	113	98	127
22.902	606	2.73	M_2				258	141	233	114	466	232	413	204
			c				2.3	3.8	2.0	3.7	1.3	2.2	1.1	2.1
			$n_{2 \text{ Eck}}$				71	87	151	179	73	100	152	180
			$n_{2 \text{ th}}$				71	87	106	122	73	100	78	108
26.017	679	1.94	M_2		152	95	293	161	264	130	530	264	469	232
			c		3.3	4.9	2.2	3.7	1.9	3.6	1.2	2.2	1.1	2.1
			$n_{2 \text{ Eck}}$		131	156	63	77	133	158	65	88	134	158
			$n_{2 \text{ th}}$		122	131	63	77	107	124	65	88	79	110
28.461	682	1.67	M_2		167	104	321	177	290	142	580	289	514	254
			c		3.1	4.5	2.0	3.4	1.8	3.3	1.1	2.0	1.0	1.9
			$n_{2 \text{ Eck}}$		120	142	58	70	121	144	59	81	122	144
			$n_{2 \text{ th}}$		113	122	57	70	97	115	59	81	73	101
32.063	610	1.63	M_2		189	118	363	200	328	162		327		288
			c		2.4	3.6	1.6	2.7	1.4	2.7		1.6		1.5
			$n_{2 \text{ Eck}}$		106	126	51	62	108	128		72		128
			$n_{2 \text{ th}}$		96	104	51	62	76	98		72		79

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

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



GKS [Nm]

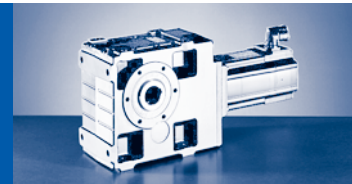
GKS□□-□A (MCA)

$M_{2GN} \leq 702 \text{ Nm}$

GKS06-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
36.303	685	1.18	M_2		214	134	411	227	371	183		370		326
			c		2.4	3.6	1.6	2.7	1.4	2.6		1.6		1.5
			$n_{2 \text{ Eck}}$		94	112	45	55	95	113		63		113
			$n_{2 \text{ th}}$		94	101	45	55	76	96		63		79
41.472	689	2.11	M_2				471	260	424	210		424		373
			c				1.4	2.4	1.2	2.3		1.4		1.3
			$n_{2 \text{ Eck}}$				39	48	83	99		56		99
			$n_{2 \text{ th}}$				39	48	45	61		49		47
44.471	689	0.90	M_2		263	165	505	279	455	225		454		400
			c		2.2	3.3	1.4	2.4	1.3	2.5		1.5		1.4
			$n_{2 \text{ Eck}}$		77	91	37	45	78	92		52		92
			$n_{2 \text{ th}}$		77	91	37	45	70	81		52		70
53.074	695	1.52	M_2		315	198	604	334	544	269		543		478
			c		1.9	2.8	1.2	2.1	1.1	2.1		1.3		1.2
			$n_{2 \text{ Eck}}$		64	76	31	38	65	77		43		77
			$n_{2 \text{ th}}$		52	58	31	38	39	54		41		40
57.882	695	0.58	M_2	105	344	216	659	365	594	294				
			c	5.2	1.7	2.6	1.1	1.9	1.0	1.9				
			$n_{2 \text{ Eck}}$	68	59	70	28	35	60	71				
			$n_{2 \text{ th}}$	68	59	70	28	35	58	62				
65.207	624	0.57	M_2	120	389	245		413		333				
			c	4.2	1.4	2.1		1.5		1.5				
			$n_{2 \text{ Eck}}$	61	52	62		31		63				
			$n_{2 \text{ th}}$	61	52	62		31		55				
72.000	702	0.42	M_2	132	429	270		456		367				
			c	4.2	1.4	2.1		1.5		1.6				
			$n_{2 \text{ Eck}}$	55	47	56		28		57				
			$n_{2 \text{ th}}$	55	47	56		28		50				
81.111	630	0.42	M_2	150	485	306		515		415				
			c	3.4	1.1	1.7		1.2		1.2				
			$n_{2 \text{ Eck}}$	49	42	50		25		51				
			$n_{2 \text{ th}}$	49	42	50		25		44				
93.176	702	0.26	M_2	173	557	352								
			c	3.3	1.1	1.6								
			$n_{2 \text{ Eck}}$	42	37	44								
			$n_{2 \text{ th}}$	42	37	43								
104.967	635	0.25	M_2	196		398								
			c	2.6		1.3								
			$n_{2 \text{ Eck}}$	38		39								
			$n_{2 \text{ th}}$	38		39								
113.082	702	0.19	M_2	210		427								
			c	3.0		1.5								
			$n_{2 \text{ Eck}}$	35		36								
			$n_{2 \text{ th}}$	35		36								
127.392	635	0.19	M_2	238		483								
			c	2.4		1.2								
			$n_{2 \text{ Eck}}$	31		32								
			$n_{2 \text{ th}}$	31		32								
142.941	702	0.12	M_2	268										
			c	2.4										
			$n_{2 \text{ Eck}}$	28										
			$n_{2 \text{ th}}$	28										

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

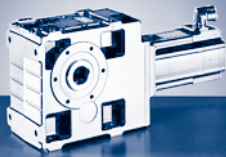


$M_{2GN} \leq 702 \text{ Nm}$

GKS06-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41		
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00		
i	M_{2GN}	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50		
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110		
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2		
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10		
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04		
161.029	635	0.12	M_2	303												
			c	1.9												
			$n_{2 \text{ Eck}}$	25												
			$n_{2 \text{ th}}$	25												
190.080	702	0.23	M_2	358												
			c	1.8												
			$n_{2 \text{ Eck}}$	21												
			$n_{2 \text{ th}}$	21												
214.133	635	0.23	M_2	405												
			c	1.4												
			$n_{2 \text{ Eck}}$	19												
			$n_{2 \text{ th}}$	18												
230.688	702	0.17	M_2	436												
			c	1.5												
			$n_{2 \text{ Eck}}$	17												
			$n_{2 \text{ th}}$	17												
259.880	635	0.17	M_2	493												
			c	1.2												
			$n_{2 \text{ Eck}}$	15												
			$n_{2 \text{ th}}$	15												
291.600	702	0.11	M_2	553												
			c	1.2												
			$n_{2 \text{ Eck}}$	14												
			$n_{2 \text{ th}}$	14												

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

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



GKS [Nm]

GKS□□-□A (MCA)

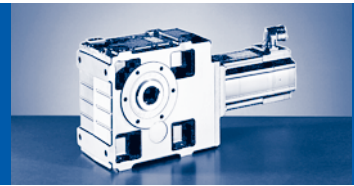
$M_{2GN} \leq 702 \text{ Nm}$

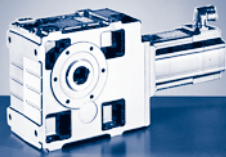
GKS06-4A				10IC40	13IC41
				...500	...500
i	M_{2GN}	J_G	M_1		
			n_1	3950	4050
			I_{M400}	2.4	4.4
			P_N	0.80	1.70
			J_M	2.44	8.34
103.721	685	0.30	M_2	190	386
			c	2.9	1.4
			$n_{2 \text{ Eck}}$	38	39
			$n_{2 \text{ th}}$	38	39
113.205	537	0.23	M_2	208	422
			c	2.3	1.2
			$n_{2 \text{ Eck}}$	35	36
			$n_{2 \text{ th}}$	35	36
127.059	689	0.26	M_2	233	473
			c	2.7	1.3
			$n_{2 \text{ Eck}}$	31	32
			$n_{2 \text{ th}}$	31	32
140.816	537	0.21	M_2	261	
			c	1.9	
			$n_{2 \text{ Eck}}$	28	
			$n_{2 \text{ th}}$	28	
155.647	689	0.19	M_2	287	581
			c	2.2	1.1
			$n_{2 \text{ Eck}}$	25	26
			$n_{2 \text{ th}}$	25	26
174.336	537	0.11	M_2	324	
			c	1.5	
			$n_{2 \text{ Eck}}$	23	
			$n_{2 \text{ th}}$	23	
202.588	695	0.17	M_2	376	
			c	1.7	
			$n_{2 \text{ Eck}}$	20	
			$n_{2 \text{ th}}$	20	
224.524	537	0.07	M_2	419	
			c	1.2	
			$n_{2 \text{ Eck}}$	18	
			$n_{2 \text{ th}}$	18	
252.000	702	0.16	M_2	469	
			c	1.4	
			$n_{2 \text{ Eck}}$	16	
			$n_{2 \text{ th}}$	16	
316.800	702	0.10	M_2	591	
			c	1.1	
			$n_{2 \text{ Eck}}$	13	
			$n_{2 \text{ th}}$	12	

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

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

GKS [Nm]
GKS□□-□A (MCA)





GKS [Nm]

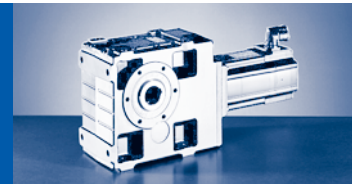
GKS□□-□A (MCA)

$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	
				...500	...F10	...500	...F10	...500	...F10	...500	...F10	...500	
i	M_{2GN}	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	
5.955	471	19.30	M_2								118		
			c								3.7		
			$n_{2 \text{ Eck}}$									282	
			$n_{2 \text{ th}}$									282	
8.254	541	11.80	M_2								165	81	
			c								3.1	5.5	
			$n_{2 \text{ Eck}}$									204	279
			$n_{2 \text{ th}}$									204	279
9.171	725	16.00	M_2								182		
			c								3.7		
			$n_{2 \text{ Eck}}$									183	
			$n_{2 \text{ th}}$									183	
10.124	800	15.88	M_2								201		
			c								3.7		
			$n_{2 \text{ Eck}}$									166	
			$n_{2 \text{ th}}$									166	
11.378	613	7.02	M_2				125		113		229	112	
			c				4.6		4.0		2.5	4.6	
			$n_{2 \text{ Eck}}$				144		304		148	202	
			$n_{2 \text{ th}}$				144		248		148	202	
12.711	832	10.16	M_2								254	124	
			c								3.1	5.5	
			$n_{2 \text{ Eck}}$									132	181
			$n_{2 \text{ th}}$									132	181
14.798	1040	14.31	M_2								295	144	
			c								3.3	5.9	
			$n_{2 \text{ Eck}}$									114	155
			$n_{2 \text{ th}}$									114	153
16.674	1071	13.97	M_2								333	163	
			c								3.0	5.4	
			$n_{2 \text{ Eck}}$									101	138
			$n_{2 \text{ th}}$									101	134
17.270	998	7.26	M_2				189		171		346	170	
			c				4.9		4.3		2.7	4.9	
			$n_{2 \text{ Eck}}$				95		200		97	133	
			$n_{2 \text{ th}}$				95		159		97	133	
20.511	1110	9.08	M_2								412	202	
			c								2.6	4.6	
			$n_{2 \text{ Eck}}$									82	112
			$n_{2 \text{ th}}$									82	112
23.111	1168	8.91	M_2								465	229	
			c								2.4	4.3	
			$n_{2 \text{ Eck}}$									73	100
			$n_{2 \text{ th}}$									73	100
25.244	1177	6.72	M_2				279		252		509	251	
			c				4.0		3.4		2.2	3.9	
			$n_{2 \text{ Eck}}$				65		137		67	91	
			$n_{2 \text{ th}}$				65		104		67	91	
28.274	1202	5.57	M_2				313		284	137	571	282	
			c				3.6		3.1	5.9	2.0	3.6	
			$n_{2 \text{ Eck}}$				58		122	145	59	81	
			$n_{2 \text{ th}}$				58		95	108	59	81	

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

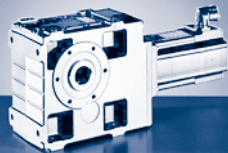


$M_{2GN} \leq 1330 \text{ Nm}$

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS07-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	M_1	J_G	M_{2GN}	i
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
3480	4110	1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2			
105		203	89	202	65	346	136	311	94	c			
3.3		2.2	4.4	1.7	4.9	1.3	2.9	1.1	3.5	$n_{2 \text{ Eck}}$	19.30	471	5.955
584		286	393	589	697	287	418	591	699	$n_{2 \text{ th}}$			
335		285	357	273	367	230	323	215	338				
146	71	282	124	281	91	481	190		131	M_2			
2.7	5.2	1.8	3.7	1.4	4.1	1.1	2.4		2.9	c	11.80	541	8.254
422	498	206	284	425	503	207	302		504	$n_{2 \text{ Eck}}$			
268	307	206	284	206	292	178	244		244	$n_{2 \text{ th}}$			
161		312	137	311	100	533	210	478	144	M_2			
3.3		2.2	4.4	1.7	4.9	1.3	2.9	1.1	3.5	c	16.00	725	9.171
380		185	255	383	453	187	272	384	454	$n_{2 \text{ Eck}}$			
217		185	232	177	238	150	210	140	220	$n_{2 \text{ th}}$			
178		345	151	343	111	589	232	528	159	M_2			
3.3		2.2	4.4	1.7	4.9	1.3	2.9	1.1	3.5	c	15.88	800	10.124
344		168	231	347	410	169	246	348	411	$n_{2 \text{ Eck}}$			
197		168	210	160	216	135	190	127	199	$n_{2 \text{ th}}$			
203	99	390	172	388	126		263		181	M_2			
2.3	4.3	1.5	3.0	1.2	3.4		2.0		2.4	c	7.02	613	11.378
306	361	149	206	309	365		219		366	$n_{2 \text{ Eck}}$			
220	252	149	206	162	215		177		177	$n_{2 \text{ th}}$			
225	110	434	191	433	140	741	293		201	M_2			
2.7	5.2	1.8	3.7	1.4	4.1	1.1	2.4		2.9	c	10.16	832	12.711
274	323	134	184	276	327	135	196		327	$n_{2 \text{ Eck}}$			
174	199	134	184	134	190	116	158		158	$n_{2 \text{ th}}$			
262	127	505	222	503	163	862	340	773	234	M_2			
2.9	5.6	2.0	3.9	1.6	4.4	1.2	2.5	1.0	3.1	c	14.31	1040	14.798
235	278	115	158	237	280	116	168	238	281	$n_{2 \text{ Eck}}$			
131	151	115	140	102	144	87	126	82	133	$n_{2 \text{ th}}$			
296	144	570	251	568	184	972	384		264	M_2			
2.7	5.1	1.8	3.6	1.4	4.0	1.1	2.3		2.8	c	13.97	1071	16.674
209	247	102	140	211	249	103	149		250	$n_{2 \text{ Eck}}$			
114	132	99	122	86	125	74	110		115	$n_{2 \text{ th}}$			
307	150	592	261	589	191		399		274	M_2			
2.4	4.6	1.6	3.2	1.3	3.6		2.1		2.6	c	7.26	998	17.270
202	238	98	136	203	240		144		241	$n_{2 \text{ Eck}}$			
141	162	98	136	104	142		117		117	$n_{2 \text{ th}}$			
365	179	703	311	700	228		474		326	M_2			
2.3	4.3	1.5	3.0	1.2	3.4		2.0		2.4	c	9.08	1110	20.511
170	200	83	114	171	202		121		203	$n_{2 \text{ Eck}}$			
103	119	83	110	75	113		98		98	$n_{2 \text{ th}}$			
412	202	793	351	789	257		535		368	M_2			
2.1	4.0	1.4	2.8	1.1	3.2		1.8		2.2	c	8.91	1168	23.111
151	178	74	101	152	180		108		180	$n_{2 \text{ Eck}}$			
90	104	73	96	65	99		84		87	$n_{2 \text{ th}}$			
451	221	868	384	863	282		586		403	M_2			
2.0	3.7	1.3	2.6	1.0	2.9		1.7		2.1	c	6.72	1177	25.244
138	163	67	93	139	164		99		165	$n_{2 \text{ Eck}}$			
91	106	67	93	64	97		80		80	$n_{2 \text{ th}}$			
506	249	973	431		317		657		452	M_2			
1.8	3.4	1.2	2.4		2.7		1.5		1.9	c	5.57	1202	28.274
123	145	60	83		147		88		147	$n_{2 \text{ Eck}}$			
81	97	60	83		87		71		71	$n_{2 \text{ th}}$			

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

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



GKS [Nm]

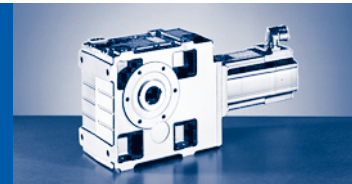
GKS□□-□A (MCA)

$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...500	...F10	...500	...F10	...500	...F10	...500	...F10	...500
i	M_{2GN}	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
31.858	1172	5.47	M_2				355	194	321	156	646	320
			c				3.1	5.3	2.7	5.1	1.7	3.1
			$n_{2 \text{ Eck}}$				51	63	109	129	53	72
			$n_{2 \text{ th}}$				51	63	82	93	53	72
36.063	1290	3.65	M_2		208		402	220	364	177	731	362
			c		4.6		3.1	5.1	2.6	5.0	1.7	3.0
			$n_{2 \text{ Eck}}$		95		45	56	96	114	47	64
			$n_{2 \text{ th}}$		94		45	55	84	96	47	64
40.906	1290	6.93	M_2								831	412
			c								1.5	2.7
			$n_{2 \text{ Eck}}$								41	56
			$n_{2 \text{ th}}$								41	54
44.178	1300	2.78	M_2				495	270	446	218	898	444
			c				2.6	4.6	2.5	4.7	1.4	2.8
			$n_{2 \text{ Eck}}$				37	45	78	93	38	52
			$n_{2 \text{ th}}$				37	45	74	81	38	52
50.345	1300	5.30	M_2				566	310	510	250	1025	508
			c				2.3	4.1	2.2	4.1	1.3	2.5
			$n_{2 \text{ Eck}}$				33	40	69	81	33	46
			$n_{2 \text{ th}}$				32	40	47	54	33	46
57.501	1310	1.75	M_2		336	210	649	356	584	287	1173	582
			c		3.3	4.9	2.0	3.6	1.9	3.6	1.1	2.2
			$n_{2 \text{ Eck}}$		59	70	28	35	60	71	29	40
			$n_{2 \text{ th}}$		59	70	28	35	60	62	29	40
64.790	1195	1.73	M_2		381	238	734	404	661	326		659
			c		2.7	4.0	1.6	2.9	1.6	2.9		1.8
			$n_{2 \text{ Eck}}$		53	63	25	31	53	63		36
			$n_{2 \text{ th}}$		53	63	25	31	52	55		36
70.474	1320	1.30	M_2		414	259	798	439	719	354		717
			c		2.7	4.0	1.6	2.9	1.6	3.0		1.8
			$n_{2 \text{ Eck}}$		48	58	23	28	49	58		33
			$n_{2 \text{ th}}$		48	57	23	28	49	51		33
79.407	1205	1.28	M_2		469	295	902	498	812	401		811
			c		2.2	3.3	1.3	2.4	1.3	2.4		1.5
			$n_{2 \text{ Eck}}$		43	51	21	25	44	52		29
			$n_{2 \text{ th}}$		43	51	21	25	44	45		29
92.563	1330	0.81	M_2		548	344	1052	581	948	468		
			c		2.1	3.1	1.3	2.3	1.2	2.3		
			$n_{2 \text{ Eck}}$		37	44	18	22	37	44		
			$n_{2 \text{ th}}$		37	44	18	22	37	39		
104.296	1215	0.80	M_2	190	620	390	1189	658		530		
			c	5.1	1.7	2.5	1.0	1.8		1.9		
			$n_{2 \text{ Eck}}$	38	33	39	16	19		39		
			$n_{2 \text{ th}}$	38	33	39	16	19		34		
112.338	1330	0.59	M_2	203	666	419	1280	708	1151	570		
			c	5.7	1.9	2.8	1.0	1.9	1.1	2.1		
			$n_{2 \text{ Eck}}$	35	30	36	15	18	31	37		
			$n_{2 \text{ th}}$	35	30	36	15	18	31	32		
126.578	1215	0.59	M_2	231	753	474		801		645		
			c	4.6	1.5	2.3		1.5		1.7		
			$n_{2 \text{ Eck}}$	31	27	32		16		32		
			$n_{2 \text{ th}}$	31	27	32		16		28		

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

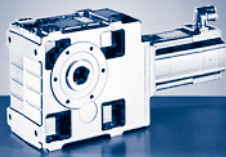


$M_{2GN} \leq 1330 \text{ Nm}$

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS07-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	M_1	J_G	M_{2GN}	i
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
3480	4110	1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2			
572	282	1098	488		358		742		511	c	5.47	1172	31.858
1.5	2.9	1.0	2.1		2.3		1.3		1.6	$n_{2 \text{ Eck}}$			
109	129	53	74		130		78		131	$n_{2 \text{ th}}$			
66	83	53	73		77		61		63				
647	319		553		406					M_2	3.65	1290	36.063
1.5	2.8		2.0		2.2					c			
97	114		65		115					$n_{2 \text{ Eck}}$			
67	86		65		68					$n_{2 \text{ th}}$			
736	363		628		461		954		658	M_2	6.93	1290	40.906
1.3	2.5		1.8		2.0		1.1		1.4	c			
85	101		57		102		61		102	$n_{2 \text{ Eck}}$			
40	53		47		50		37		41	$n_{2 \text{ th}}$			
794	392		678		498					M_2	2.78	1300	44.178
1.4	2.7		1.9		2.1					c			
79	93		53		94					$n_{2 \text{ Eck}}$			
60	70		53		55					$n_{2 \text{ th}}$			
906	448		774		569		1176		810	M_2	5.30	1300	50.345
1.2	2.3		1.6		1.8		1.1		1.3	c			
69	82		47		82		50		83	$n_{2 \text{ Eck}}$			
35	48		41		44		33		36	$n_{2 \text{ th}}$			
1037	513									M_2	1.75	1310	57.501
1.1	2.1									c			
61	72									$n_{2 \text{ Eck}}$			
49	54									$n_{2 \text{ th}}$			
	581									M_2	1.73	1195	64.790
	1.7									c			
	63									$n_{2 \text{ Eck}}$			
	48									$n_{2 \text{ th}}$			
	631									M_2	1.30	1320	70.474
	1.7									c			
	58									$n_{2 \text{ Eck}}$			
	44									$n_{2 \text{ th}}$			
	714									M_2	1.28	1205	79.407
	1.4									c			
	52									$n_{2 \text{ Eck}}$			
	39									$n_{2 \text{ th}}$			
										M_2	0.81	1330	92.563
										c			
										$n_{2 \text{ Eck}}$			
										$n_{2 \text{ th}}$			
										M_2	0.80	1215	104.296
										c			
										$n_{2 \text{ Eck}}$			
										$n_{2 \text{ th}}$			
										M_2	0.59	1330	112.338
										c			
										$n_{2 \text{ Eck}}$			
										$n_{2 \text{ th}}$			
										M_2	0.59	1215	126.578
										c			
										$n_{2 \text{ Eck}}$			
										$n_{2 \text{ th}}$			

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

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



GKS [Nm]

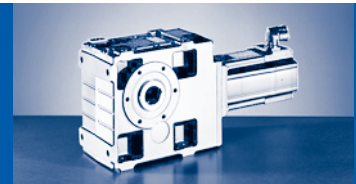
GKS□□-□A (MCA)

$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-3A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23
				...500	...F10	...500	...F10	...500	...F10	...500	...F10	...500
i	M_{2GN}	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04
140.548	1330	1.11	M_2		836	527		890		716		
			c		1.5	2.3		1.5		1.7		
			$n_{2 \text{ Eck}}$		24	29		14		29		
			$n_{2 \text{ th}}$		24	29		14		26		
158.364	1215	1.11	M_2		945	596		1006		809		
			c		1.2	1.8		1.2		1.4		
			$n_{2 \text{ Eck}}$		22	26		13		26		
			$n_{2 \text{ th}}$		22	26		13		23		
184.600	1330	0.69	M_2	342	1103	696		1173		944		
			c	3.5	1.2	1.7		1.1		1.3		
			$n_{2 \text{ Eck}}$	21	19	22		11		22		
			$n_{2 \text{ th}}$	21	18	22		11		19		
208.000	1215	0.69	M_2	388		787				1067		
			c	2.8		1.4				1.0		
			$n_{2 \text{ Eck}}$	19		20				20		
			$n_{2 \text{ th}}$	19		19				17		
224.037	1330	0.51	M_2	417		848				1149		
			c	2.9		1.4				1.0		
			$n_{2 \text{ Eck}}$	18		18				18		
			$n_{2 \text{ th}}$	18		18				16		
252.436	1215	0.51	M_2	473		958						
			c	2.3		1.2						
			$n_{2 \text{ Eck}}$	16		16						
			$n_{2 \text{ th}}$	16		16						
283.193	1330	0.33	M_2	531		1075						
			c	2.3		1.1						
			$n_{2 \text{ Eck}}$	14		14						
			$n_{2 \text{ th}}$	14		14						
319.091	1215	0.33	M_2	601								
			c	1.8								
			$n_{2 \text{ Eck}}$	12								
			$n_{2 \text{ th}}$	12								

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i [-]$
 $c [-]$

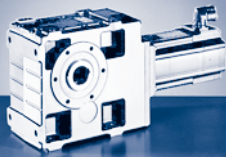


$M_{2GN} \leq 1330 \text{ Nm}$

17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS07-3A			
...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	M_1	J_G	M_{2GN}	i
19.00	9.50	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
3480	4110	1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
15.8	10.2	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.90	4.10	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
36.04	36.04	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2			
										c	1.11	1330	140.548
										n_2 Eck			
										n_2 th			
										M_2	1.11	1215	158.364
										c			
										n_2 Eck			
										n_2 th			
										M_2	0.69	1330	184.600
										c			
										n_2 Eck			
										n_2 th			
										M_2	0.69	1215	208.000
										c			
										n_2 Eck			
										n_2 th			
										M_2	0.51	1330	224.037
										c			
										n_2 Eck			
										n_2 th			
										M_2	0.51	1215	252.436
										c			
										n_2 Eck			
										n_2 th			
										M_2	0.33	1330	283.193
										c			
										n_2 Eck			
										n_2 th			
										M_2	0.33	1215	319.091
										c			
										n_2 Eck			
										n_2 th			

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

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



GKS [Nm]

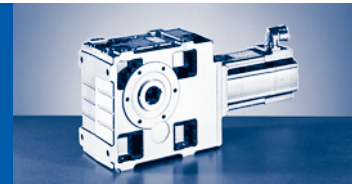
GKS□□-□A (MCA)

$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1							
			n_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			I_{M400}	3950	3410	4050	1635	2000	3455	4100
			P_N	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			J_M	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			M_2	2.44	8.34	8.34	19.32	19.24	19.24	19.24
			c	183	601	378	1153	638	1038	514
103.039	1290	0.84	$n_{2 \text{ Eck}}$	5.5	1.8	2.7	1.1	2.0	1.1	2.0
			$n_{2 \text{ th}}$	38	33	39	16	19	34	40
				38	33	39	16	19	34	35
			M_2	202	657	414		699		563
			c	4.6	1.5	2.3		1.5		1.7
112.391	1053	0.63	$n_{2 \text{ Eck}}$	35	30	36		18		37
			$n_{2 \text{ th}}$	35	30	36		18		32
			M_2	226	737	464		784		631
			c	5.0	1.7	2.5		1.7		1.8
126.222	1300	0.73	$n_{2 \text{ Eck}}$	31	27	32		16		33
			$n_{2 \text{ th}}$	31	27	32		16		28
			M_2	250	808	510		860		692
			c	3.7	1.3	1.9		1.2		1.4
137.748	1053	0.57	$n_{2 \text{ Eck}}$	29	25	29		15		30
			$n_{2 \text{ th}}$	29	25	29		15		26
			M_2	279	906	571		964		775
			c	4.1	1.4	2.0		1.3		1.5
154.622	1300	0.53	$n_{2 \text{ Eck}}$	26	22	26		13		27
			$n_{2 \text{ th}}$	26	22	26		13		23
			M_2	328		666				
			c	2.9		1.4				
179.201	1053	0.28	$n_{2 \text{ Eck}}$	22		23				
			$n_{2 \text{ th}}$	22		23				
			M_2	367	1183	747		1258		1013
			c	3.2	1.1	1.6		1.0		1.2
201.254	1310	0.45	$n_{2 \text{ Eck}}$	20	17	20		10		20
			$n_{2 \text{ th}}$	20	17	20		10		18
			M_2	410		831				
			c	2.3		1.2				
222.909	1053	0.20	$n_{2 \text{ Eck}}$	18		18				
			$n_{2 \text{ th}}$	18		18				
			M_2	453		918				
			c	2.6		1.3				
246.659	1320	0.42	$n_{2 \text{ Eck}}$	16		16				
			$n_{2 \text{ th}}$	16		16				
			M_2	505						
			c	1.9						
273.199	1053	0.18	$n_{2 \text{ Eck}}$	15						
			$n_{2 \text{ th}}$	14						
			M_2	593						
			c	2.0						
321.049	1320	0.26	$n_{2 \text{ Eck}}$	12						
			$n_{2 \text{ th}}$	12						
			M_2	667						
			c	1.4						
358.829	1053	0.17	$n_{2 \text{ Eck}}$	11						
			$n_{2 \text{ th}}$	11						
			M_2	741						
			c	1.6						
399.353	1320	0.18	$n_{2 \text{ Eck}}$	10						
			$n_{2 \text{ th}}$	10						

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

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

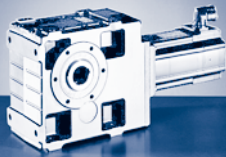


$M_{2GN} \leq 1330 \text{ Nm}$

GKS07-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			n_1	3950	3410	4050	1635	2000	3455	4100
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
464.367	1053	0.11	M_2	866						
			c	1.1						
			n_{2Eck}	9						
			n_{2th}	9						
516.810	1320	0.11	M_2	963						
			c	1.3						
			n_{2Eck}	8						
			n_{2th}	8						
636.581	1330	0.16	M_2	1189						
			c	1.0						
			n_{2Eck}	6						
			n_{2th}	6						

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

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



GKS [Nm]

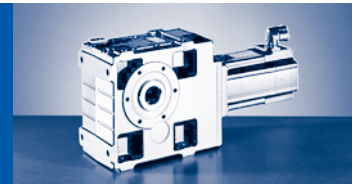
GKS□□-□A (MCA)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
i	M_{2GN}	J_G	M_1	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
			n_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			I_{M400}	1635	2000	3455	4100	1680	2300	3480	4110
			P_N	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			J_M	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			M_2	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
			c								
12.283	1615	34.20	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2								
			c								
13.360	1757	33.40	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2								
			c					314		280	
16.122	1801	22.60	$n_{2 \text{ Eck}}$					5.3		4.7	
			$n_{2 \text{ th}}$					104		216	
			M_2					104		141	
			c								
17.536	1958	22.20	$n_{2 \text{ Eck}}$					342		304	
			$n_{2 \text{ th}}$					5.3		4.7	
			M_2					96		199	
			c					96		129	
			$n_{2 \text{ th}}$								
19.541	2570	30.60	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
22.022	2672	29.90	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2								
			c					500		445	
25.649	2862	20.50	$n_{2 \text{ Eck}}$					5.3		4.7	
			$n_{2 \text{ th}}$					66		136	
			M_2					66		88	
			c								
29.228	2914	15.90	$n_{2 \text{ Eck}}$					574		510	
			$n_{2 \text{ th}}$					4.7		4.2	
			M_2					58		119	
			c					57		83	
			$n_{2 \text{ th}}$								
			M_2					650		577	
			c					4.3		3.8	
32.940	2984	15.60	$n_{2 \text{ Eck}}$					51		106	
			$n_{2 \text{ th}}$					51		72	
			M_2			344					
			c			5.6					
35.193	2670	12.20	$n_{2 \text{ Eck}}$			98					
			$n_{2 \text{ th}}$			83					
			M_2								
			c					696		618	
35.193	3029	12.20	$n_{2 \text{ Eck}}$					4.1		3.6	
			$n_{2 \text{ th}}$					48		99	
			M_2					48		75	
			c								
39.662	3002	12.00	$n_{2 \text{ Eck}}$			387		788		699	339
			$n_{2 \text{ th}}$			5.6		3.6		3.2	6.0
			M_2			87		42		88	104
			c			73		42		65	74
			$n_{2 \text{ th}}$								
			M_2					859		760	
43.146	3024	9.00	c					3.4		3.3	
			$n_{2 \text{ Eck}}$					39		81	
			$n_{2 \text{ th}}$					39		66	

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

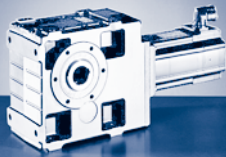


$M_{2GN} \leq 3080 \text{ Nm}$

195C17	195C23	195C35	195C42	21XC17	21XC25	21XC35	21XC42	GKS09-3A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
1700	2340	3510	4150	1710	2490	3520	4160	n_1			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	I_{M400}			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	P_N			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	J_M			
412		412		708	276	636	188	M_2			
3.7		2.9		2.2	4.8	1.9	5.8	c	34.20	1615	12.283
138		286		139	203	287	339	n_2 Eck			
138		146		135	163	129	164	n_2 th			
448		448		770	300	691	205	M_2			
3.7		2.9		2.2	4.8	1.9	5.8	c	33.40	1757	13.360
127		263		128	186	264	311	n_2 Eck			
127		134		124	150	119	151	n_2 th			
544		543		932	365	837	250	M_2			
3.1		2.5		1.8	4.0	1.6	4.9	c	22.60	1801	16.122
105		218		106	154	218	258	n_2 Eck			
105		122		106	125	103	125	n_2 th			
591		590		1014	397	910	271	M_2			
3.1		2.5		1.8	4.0	1.6	4.9	c	22.20	1958	17.536
97		200		98	142	201	237	n_2 Eck			
97		112		98	115	95	115	n_2 th			
655		655		1126	439	1011	300	M_2			
3.7		2.9		2.2	4.8	1.9	5.8	c	30.60	2570	19.541
87		180		88	127	180	213	n_2 Eck			
87		91		85	102	81	103	n_2 th			
740		740		1271	496	1141	339	M_2			
3.4		2.7		2.0	4.4	1.8	5.4	c	29.90	2672	22.022
77		159		78	113	160	189	n_2 Eck			
77		80		74	89	69	91	n_2 th			
865		864		1483	580	1331	397	M_2			
3.1		2.5		1.8	4.0	1.6	4.9	c	20.50	2862	25.649
66		137		67	97	137	162	n_2 Eck			
66		77		67	79	65	79	n_2 th			
989	431	987		1693	664	1520	455	M_2			
2.8	5.6	2.2		1.6	3.6	1.4	4.4	c	15.90	2914	29.228
58	80	120		59	85	120	142	n_2 Eck			
58	80	72		59	69	58	69	n_2 th			
1118	488	1115	357	1911	751	1715	515	M_2			
2.5	5.1	2.0	5.7	1.5	3.3	1.3	4.0	c	15.60	2984	32.940
52	71	107	126	52	76	107	126	n_2 Eck			
52	71	62	74	52	61	49	61	n_2 th			
								M_2			
								c	12.20	2670	35.193
								n_2 Eck			
								n_2 th			
1196	523	1192	383	2044	804	1834	552	M_2			
2.4	4.8	1.9	5.4	1.4	3.1	1.2	3.8	c	12.20	3029	35.193
48	67	100	118	49	71	100	118	n_2 Eck			
48	66	64	70	49	57	50	57	n_2 th			
1352	593	1347	434	2307	910	2070	625	M_2			
2.1	4.2	1.7	4.7	1.2	2.7	1.1	3.3	c	12.00	3002	39.662
43	59	89	105	43	63	89	105	n_2 Eck			
43	59	53	62	43	51	42	51	n_2 th			
1472	644	1464	471	2511	988	2251	678	M_2			
2.0	4.4	1.8	5.0	1.2	2.9	1.2	3.5	c	9.00	3024	43.146
39	54	81	96	40	58	82	96	n_2 Eck			
39	54	55	57	40	47	45	47	n_2 th			

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

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



GKS [Nm]

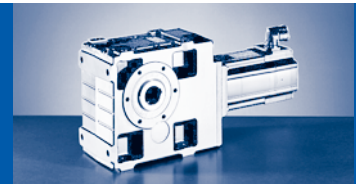
GKS□□-□A (MCA)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
i	M_{2GN}	J_G	M_1	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
			n_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			I_{M400}	1635	2000	3455	4100	1680	2300	3480	4110
			P_N	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			J_M	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			M_2	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
			c					972	473	860	418
48.625	3017	8.87	$n_{2 \text{ Eck}}$					3.0	6.0	3.0	5.6
			$n_{2 \text{ th}}$					35	47	72	85
								35	47	57	64
			M_2	642		579					
			c	4.5		4.3					
58.456	2977	5.54	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$	28		59					
				28		59					
			M_2					1174	575	1039	507
			c					2.5	5.0	2.5	4.7
58.456	3031	5.54	$n_{2 \text{ Eck}}$					29	39	60	70
			$n_{2 \text{ th}}$					29	39	53	53
			M_2	727		655		1327	651	1174	575
			c	4.1		3.9		2.3	4.4	2.2	4.2
65.879	3048	5.47	$n_{2 \text{ Eck}}$					26	35	53	62
			$n_{2 \text{ th}}$	25		52		26	35	47	47
				25		52		26	35	47	47
			M_2	786		708		1433	704	1267	621
			c	3.8		3.6		2.1	4.1	2.0	3.8
70.982	3031	4.14	$n_{2 \text{ Eck}}$					24	32	49	58
			$n_{2 \text{ th}}$	23		49		24	32	44	44
				23		49		24	32	44	44
			M_2	889		801		1619	797	1431	703
			c	3.4		3.2		1.9	3.7	1.8	3.5
79.996	3071	4.10	$n_{2 \text{ Eck}}$					21	29	44	51
			$n_{2 \text{ th}}$	20		43		21	29	39	39
				20		43		21	29	39	39
			M_2	1026	559	925	450	1864	921	1648	812
			c	2.9	5.2	2.8	5.2	1.6	3.2	1.6	3.0
91.860	3031	2.63	$n_{2 \text{ Eck}}$					18	25	38	45
			$n_{2 \text{ th}}$	18	22	38	45	18	25	34	34
				18	22	38	39	18	25	34	34
			M_2	1160	633	1045	510	2104	1041	1860	918
			c	2.6	4.7	2.5	4.7	1.5	2.9	1.4	2.7
103.524	3080	2.61	$n_{2 \text{ Eck}}$					16	22	34	40
			$n_{2 \text{ th}}$	16	19	33	40	16	22	30	30
				16	19	33	35	16	22	30	30
			M_2	1252	685	1125	549	2269	1124	2003	988
			c	2.4	4.3	2.5	4.8	1.3	2.7	1.4	2.7
111.484	3031	1.92	$n_{2 \text{ Eck}}$					15	21	31	37
			$n_{2 \text{ th}}$	15	18	31	32	15	21	28	28
				15	18	31	32	15	21	28	28
			M_2	1415	776	1272	622	2560	1270	2261	1116
			c	2.2	3.9	2.3	4.3	1.2	2.4	1.3	2.5
125.641	3080	1.90	$n_{2 \text{ Eck}}$					13	18	28	33
			$n_{2 \text{ th}}$	13	16	28	33	13	18	25	25
				13	16	28	29	13	18	25	25
			M_2	1591	874	1430	702				
			c	1.9	3.4	2.0	3.8				
140.921	2973	1.26	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$	12	14	25	29				
				12	14	25	25				
			M_2	1797	989	1615	794				
			c	1.7	3.1	1.8	3.4				
158.816	3080	1.25	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$	10	13	22	26				
				10	13	22	23				
			M_2	2064	1139	1856	915		1855		1631
			c	1.5	2.6	1.6	2.9		1.6		1.7
182.000	3031	2.25	$n_{2 \text{ Eck}}$						13		23
			$n_{2 \text{ th}}$	9	11	19	23		13		17
				9	11	19	20		13		17

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

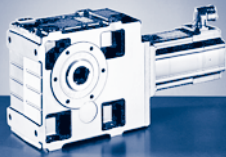


$M_{2GN} \leq 3080 \text{ Nm}$

195C17	195C23	195C35	195C42	21XC17	21XC25	21XC35	21XC42	GKS09-3A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2			
1662	730	1653	534	2834	1118	2540	768	c	8.87	3017	48.625
1.8	3.9	1.6	4.4	1.1	2.6	1.0	3.1	$n_{2 \text{ Eck}}$			
35	48	72	85	35	51	72	86	$n_{2 \text{ th}}$			
35	48	46	50	35	41	38	41				
								M_2	5.54	2977	58.456
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
2005	883	1993	647					M_2	5.54	3031	58.456
1.5	3.3	1.3	3.7					c			
29	40	60	71					$n_{2 \text{ Eck}}$			
29	40	42	42					$n_{2 \text{ th}}$			
2263	999	2249	733					M_2	5.47	3048	65.879
1.3	2.9	1.2	3.3					c			
26	36	53	63					$n_{2 \text{ Eck}}$			
26	36	36	37					$n_{2 \text{ th}}$			
2441	1079	2425	792					M_2	4.14	3031	70.982
1.2	2.7	1.1	3.0					c			
24	33	50	59					$n_{2 \text{ Eck}}$			
24	33	35	35					$n_{2 \text{ th}}$			
2755	1220		895					M_2	4.10	3071	79.996
1.1	2.4		2.7					c			
21	29		52					$n_{2 \text{ Eck}}$			
21	29		31					$n_{2 \text{ th}}$			
								M_2	2.63	3031	91.860
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	2.61	3080	103.524
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	1.92	3031	111.484
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	1.90	3080	125.641
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	1.26	2973	140.921
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	1.25	3080	158.816
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	2.25	3031	182.000
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			

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

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



GKS [Nm]

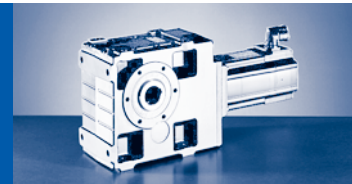
GKS□□-□A (MCA)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			I_{M400}	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
205.111	3080	2.24	M_2	2330	1287	2095	1034		2094		1841
			c	1.3	2.4	1.4	2.6		1.5		1.5
			n_{2Eck}	8	10	17	20		11		20
			n_{2th}	8	10	17	18		11		15
220.882	3031	1.66	M_2	2512	1389	2259	1116		2258		1985
			c	1.2	2.2	1.3	2.4		1.3		1.4
			n_{2Eck}	7	9	16	19		10		19
			n_{2th}	7	9	16	16		10		14
248.930	3080	1.65	M_2	2835	1568	2550	1261		2548		2241
			c	1.1	1.9	1.2	2.2		1.2		1.2
			n_{2Eck}	7	8	14	17		9		17
			n_{2th}	7	8	14	14		9		13
279.205	3031	1.10	M_2		1764	2864	1418				
			c		1.7	1.0	1.9				
			n_{2Eck}		7	12	15				
			n_{2th}		7	12	13				
314.659	3080	1.10	M_2		1991		1602				
			c		1.5		1.7				
			n_{2Eck}		6		13				
			n_{2th}		6		11				

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 $i \dots$ [-]
 $c \dots$ [-]

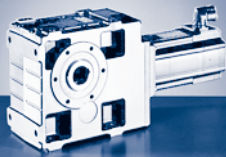


$M_{2GN} \leq 3080 \text{ Nm}$

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS09-3A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2 c			
								$n_{2 \text{ Eck}}$	2.24	3080	205.111
								$n_{2 \text{ th}}$			
								M_2 c			
								$n_{2 \text{ Eck}}$	1.66	3031	220.882
								$n_{2 \text{ th}}$			
								M_2 c			
								$n_{2 \text{ Eck}}$	1.65	3080	248.930
								$n_{2 \text{ th}}$			
								M_2 c			
								$n_{2 \text{ Eck}}$	1.10	3031	279.205
								$n_{2 \text{ th}}$			
								M_2 c			
								$n_{2 \text{ Eck}}$	1.10	3080	314.659
								$n_{2 \text{ th}}$			

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

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



GKS [Nm]

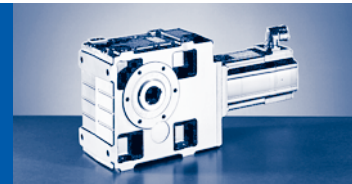
GKS□□-□A (MCA)

$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
100.551	3029	2.48	M_2		570		1106	603	997	486	2008	993	1775	875
			c		4.4		2.7	4.8	2.6	4.9	1.5	2.9	1.5	2.8
			$n_{2 \text{ Eck}}$		34		16	20	34	41	17	23	35	41
			$n_{2 \text{ th}}$		34		16	20	34	36	17	23	31	31
113.320	3002	2.46	M_2		643		1251	684	1124	549	2267	1123	2001	987
			c		4.3		2.4	4.2	2.5	4.7	1.3	2.6	1.4	2.7
			$n_{2 \text{ Eck}}$		30		14	18	31	36	15	20	31	36
			$n_{2 \text{ th}}$		30		14	18	30	32	15	20	27	27
123.275	3024	2.11	M_2		702	436	1364	747	1226	599	2469	1224	2180	1076
			c		4.0	5.9	2.2	3.9	2.3	4.4	1.2	2.4	1.3	2.5
			$n_{2 \text{ Eck}}$		28	33	13	16	28	33	14	19	28	33
			$n_{2 \text{ th}}$		28	33	13	16	28	29	14	19	25	25
138.929	3017	2.09	M_2		795	495	1541	846	1385	679	2787	1384	2460	1216
			c		3.5	5.3	1.9	3.5	2.1	3.9	1.1	2.2	1.2	2.2
			$n_{2 \text{ Eck}}$		25	29	12	14	25	30	12	17	25	30
			$n_{2 \text{ th}}$		25	29	12	14	25	26	12	17	22	22
151.012	3024	1.52	M_2		867	541	1678	922	1508	740		1507	2677	1325
			c		3.3	4.9	1.8	3.2	1.9	3.6		2.0	1.1	2.0
			$n_{2 \text{ Eck}}$		23	27	11	13	23	27		15	23	27
			$n_{2 \text{ th}}$		23	27	11	13	23	24		15	21	21
170.188	3017	1.51	M_2		981	613	1895	1044	1704	838		1702		1497
			c		2.9	4.3	1.6	2.8	1.7	3.2		1.8		1.8
			$n_{2 \text{ Eck}}$		20	24	10	12	20	24		14		24
			$n_{2 \text{ th}}$		20	24	10	12	20	21		14		18
204.596	3031	1.24	M_2		1185	743	2285	1261	2054	1013		2053		1805
			c		2.4	3.6	1.3	2.4	1.4	2.7		1.5		1.5
			$n_{2 \text{ Eck}}$		17	20	8	10	17	20		11		20
			$n_{2 \text{ th}}$		17	20	8	10	17	18		11		15
230.577	3048	1.24	M_2		1340	841	2579	1425	2319	1146		2317		2038
			c		2.2	3.2	1.2	2.1	1.3	2.4		1.3		1.3
			$n_{2 \text{ Eck}}$		15	18	7	9	15	18		10		18
			$n_{2 \text{ th}}$		15	18	7	9	15	16		10		13
248.439	3031	1.13	M_2		1446	908	2781	1538	2501	1237		2500		2198
			c		2.0	3.0	1.1	2.0	1.2	2.2		1.2		1.2
			$n_{2 \text{ Eck}}$		14	16	7	8	14	17		9		17
			$n_{2 \text{ th}}$		14	16	7	8	14	14		9		13
279.986	3071	1.13	M_2		1633	1027		1737	2822	1397		2821		2481
			c		1.8	2.7		1.8	1.0	2.0		1.1		1.1
			$n_{2 \text{ Eck}}$		12	15		7	12	15		8		15
			$n_{2 \text{ th}}$		12	14		7	12	13		8		11
323.365	3031	0.71	M_2	581	1891	1191		2012		1619				
			c	4.6	1.5	2.3		1.5		1.7				
			$n_{2 \text{ Eck}}$	12	11	13		6		13				
			$n_{2 \text{ th}}$	12	11	13		6		11				
364.427	3071	0.71	M_2	658	2135	1346		2271		1828				
			c	4.1	1.4	2.0		1.4		1.5				
			$n_{2 \text{ Eck}}$	11	9	11		6		11				
			$n_{2 \text{ th}}$	11	9	11		5		10				
402.234	3031	0.51	M_2	730	2360	1489		2511		2021				
			c	3.7	1.2	1.8		1.2		1.4				
			$n_{2 \text{ Eck}}$	10	9	10		5		10				
			$n_{2 \text{ th}}$	10	8	10		5		9				

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

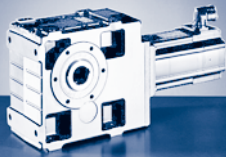


$M_{2GN} \leq 3080 \text{ Nm}$

GKS09-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	3950	3410	4050	1635	2000	3455	4100	1680	2300	3480	4110
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
453.311	3071	0.51	M_2	826	2664	1681		2833		2280				
			c	3.3	1.1	1.6		1.1		1.2				
			$n_{2 \text{ Eck}}$	9	8	9		4		9				
			$n_{2 \text{ th}}$	9	8	9		4		8				
520.538	3031	0.47	M_2	953		1936				2623				
			c	2.9		1.4				1.0				
			$n_{2 \text{ Eck}}$	8		8				8				
			$n_{2 \text{ th}}$	8		8				7				
586.638	3080	0.47	M_2	1077		2185								
			c	2.6		1.3								
			$n_{2 \text{ Eck}}$	7		7								
			$n_{2 \text{ th}}$	7		7								
631.744	3031	0.44	M_2	1163		2355								
			c	2.3		1.2								
			$n_{2 \text{ Eck}}$	6		6								
			$n_{2 \text{ th}}$	6		6								
711.965	3080	0.44	M_2	1314		2658								
			c	2.1		1.1								
			$n_{2 \text{ Eck}}$	6		6								
			$n_{2 \text{ th}}$	6		6								
817.551	3031	0.28	M_2	1513										
			c	1.8										
			$n_{2 \text{ Eck}}$	5										
			$n_{2 \text{ th}}$	5										
921.367	3080	0.28	M_2	1709										
			c	1.6										
			$n_{2 \text{ Eck}}$	4										
			$n_{2 \text{ th}}$	4										
992.209	3031	0.20	M_2	1843										
			c	1.5										
			$n_{2 \text{ Eck}}$	4										
			$n_{2 \text{ th}}$	4										
1118.204	3080	0.20	M_2	2080										
			c	1.4										
			$n_{2 \text{ Eck}}$	4										
			$n_{2 \text{ th}}$	4										
1254.197	3031	0.13	M_2	2338										
			c	1.2										
			$n_{2 \text{ Eck}}$	3										
			$n_{2 \text{ th}}$	3										
1413.461	3080	0.13	M_2	2638										
			c	1.1										
			$n_{2 \text{ Eck}}$	3										
			$n_{2 \text{ th}}$	3										

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]



GKS [Nm]

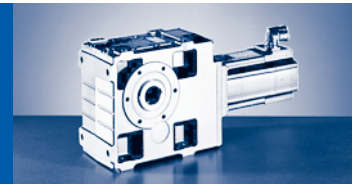
GKS□□-□A (MCA)

$M_{2GN} \leq 6072 \text{ Nm}$

GKS11-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
i	M_{2GN}	J_G	M_1	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
			n_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			I_{M400}	1635	2000	3455	4100	1680	2300	3480	4110
			P_N	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			J_M	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			M_2	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
			c								
12.094	2770	104.00	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
13.154	3013	101.00	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
15.874	3090	68.00	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
17.265	3360	66.50	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
19.515	4470	90.30	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
21.989	4884	90.40	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
25.615	4985	61.20	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
28.021	5163	52.20	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
31.573	5521	51.30	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
35.741	3935	36.80	M_2					698		621	
			c					5.2		4.6	
			$n_{2 \text{ Eck}}$					47		97	
			$n_{2 \text{ th}}$					47		63	
35.741	5655	36.80	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
40.272	4434	36.20	M_2					786		699	
			c					5.2		4.6	
			$n_{2 \text{ Eck}}$					42		86	
			$n_{2 \text{ th}}$					42		56	
40.272	5869	36.20	M_2								
			c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

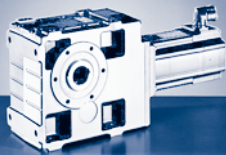


$M_{2GN} \leq 6072 \text{ Nm}$

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS11-3A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2			
				685		617		c			
				3.8		3.3		$n_{2 \text{ Eck}}$	104.00	2770	12.094
				141		291		$n_{2 \text{ th}}$			
				131		127					
				745		671		M_2			
				3.8		3.3		c	101.00	3013	13.154
				130		268		$n_{2 \text{ Eck}}$			
				121		117		$n_{2 \text{ th}}$			
				904		814		M_2			
				3.2		2.8		c	68.00	3090	15.874
				108		222		$n_{2 \text{ Eck}}$			
				108		108		$n_{2 \text{ th}}$			
				984		885		M_2			
				3.2		2.8		c	66.50	3360	17.265
				99		204		$n_{2 \text{ Eck}}$			
				99		100		$n_{2 \text{ th}}$			
				1105		995		M_2			
				3.8		3.3		c	90.30	4470	19.515
				88		180		$n_{2 \text{ Eck}}$			
				81		79		$n_{2 \text{ th}}$			
				1247		1122		M_2			
				3.7		3.2		c	90.40	4884	21.989
				78		160		$n_{2 \text{ Eck}}$			
				72		69		$n_{2 \text{ th}}$			
				1459		1313		M_2			
				3.2		2.8		c	61.20	4985	25.615
				67		137		$n_{2 \text{ Eck}}$			
				67		67		$n_{2 \text{ th}}$			
924		927		1599		1438		M_2			
5.1		4.1		3.0		2.7		c	52.20	5163	28.021
61		125		61		126		$n_{2 \text{ Eck}}$			
61		69		61		63		$n_{2 \text{ th}}$			
1044		1047		1805		1623		M_2			
4.9		3.9		2.9		2.5		c	51.30	5521	31.573
54		111		54		112		$n_{2 \text{ Eck}}$			
54		61		54		55		$n_{2 \text{ th}}$			
								M_2			
								c	36.80	3935	35.741
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
1188		1190		2049	794	1842		M_2			
4.4		3.5		2.6	5.7	2.3		c	36.80	5655	35.741
48		98		48	70	99		$n_{2 \text{ Eck}}$			
48		60		48	56	54		$n_{2 \text{ th}}$			
								M_2			
								c	36.20	4434	40.272
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
1344		1345		2314	899	2080		M_2			
4.1		3.2		2.4	5.3	2.1		c	36.20	5869	40.272
42		87		43	62	87		$n_{2 \text{ Eck}}$			
42		52		42	50	47		$n_{2 \text{ th}}$			

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

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



GKS [Nm]

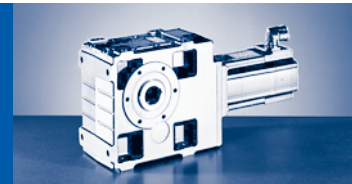
GKS□□-□A (MCA)

$M_{2GN} \leq 6072 \text{ Nm}$

GKS11-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
i	M_{2GN}	J_G	M_1	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
			n_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			I_{M400}	1635	2000	3455	4100	1680	2300	3480	4110
			P_N	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			J_M	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			M_2	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
			c								
43.783	5800	27.90	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2								
			c								
49.333	5923	27.50	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2					1144		1012	
			c					3.7		3.6	
57.683	4370	17.70	$n_{2 \text{ Eck}}$					29		60	
			$n_{2 \text{ th}}$					29		50	
			M_2								
			c								
57.683	5972	17.70	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2					1289		1141	
			c					3.7		3.6	
64.995	4924	17.50	$n_{2 \text{ Eck}}$					26		54	
			$n_{2 \text{ th}}$					26		45	
			M_2								
			c								
64.995	5992	17.50	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2					1416		1252	608
			c					3.1		3.0	5.7
70.887	4497	13.00	$n_{2 \text{ Eck}}$					24		49	58
			$n_{2 \text{ th}}$					24		44	44
			M_2								
			c								
70.887	5973	13.00	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2					1595		1411	685
			c					3.1		3.0	5.7
79.873	5068	12.90	$n_{2 \text{ Eck}}$					21		44	52
			$n_{2 \text{ th}}$					21		39	39
			M_2								
			c								
79.873	6032	12.90	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2	1015		915					
			c	3.8		3.6					
91.737	3979	8.30	$n_{2 \text{ Eck}}$	18		38					
			$n_{2 \text{ th}}$	18		38					
			M_2					1844	903	1631	797
			c					2.5	4.9	2.4	4.6
91.737	4660	8.30	$n_{2 \text{ Eck}}$					18	25	38	45
			$n_{2 \text{ th}}$					18	25	34	34
			M_2								
			c								
91.737	5975	8.30	$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

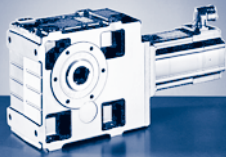


$M_{2GN} \leq 6072 \text{ Nm}$

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS11-3A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2			
1464		1461		2519	975	2259		c			
3.8		3.3		2.3	5.4	2.2		$n_{2 \text{ Eck}}$	27.90	5800	43.783
39		80		39	57	80		$n_{2 \text{ th}}$			
39		55		39	46	46					
1657		1651		2845	1105	2551		M_2			
3.5		3.0		2.1	4.9	2.0		c	27.50	5923	49.333
35		71		35	51	71		$n_{2 \text{ Eck}}$			
34		48		35	41	41		$n_{2 \text{ th}}$			
								M_2			
								c	17.70	4370	57.683
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
1947		1939		3337	1302	2991	890	M_2			
3.0		2.6		1.8	4.3	1.7	5.2	c	17.70	5972	57.683
30		61		30	43	61	72	$n_{2 \text{ Eck}}$			
29		42		30	35	35	35	$n_{2 \text{ th}}$			
								M_2			
								c	17.50	4924	64.995
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
2202	955	2192		3767	1474	3377	1010	M_2			
2.7	5.8	2.3		1.6	3.8	1.5	4.6	c	17.50	5992	64.995
26	36	54		26	38	54	64	$n_{2 \text{ Eck}}$			
26	36	38		26	31	31	31	$n_{2 \text{ th}}$			
								M_2			
								c	13.00	4497	70.887
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
2407	1047	2396	766	4115	1613	3689	1106	M_2			
2.4	5.3	2.1	6.0	1.5	3.5	1.4	4.2	c	13.00	5973	70.887
24	33	50	59	24	35	50	59	$n_{2 \text{ Eck}}$			
24	33	35	35	24	28	28	28	$n_{2 \text{ th}}$			
								M_2			
								c	12.90	5068	79.873
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
2720	1187	2706	869	4644	1825	4162	1252	M_2			
2.2	4.8	1.9	5.4	1.3	3.1	1.2	3.8	c	12.90	6032	79.873
21	29	44	52	21	31	44	52	$n_{2 \text{ Eck}}$			
21	29	31	31	21	25	25	25	$n_{2 \text{ th}}$			
								M_2			
								c	8.30	3979	91.737
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2			
								c	8.30	4660	91.737
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
3133	1374	3116	1006					M_2			
1.9	4.1	1.6	4.6					c	8.30	5975	91.737
19	26	38	45					$n_{2 \text{ Eck}}$			
19	26	27	27					$n_{2 \text{ th}}$			

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]



GKS [Nm]

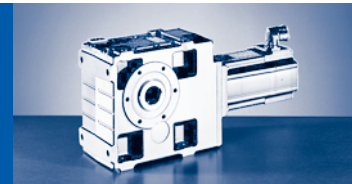
GKS□□-□A (MCA)

$M_{2GN} \leq 6072 \text{ Nm}$

GKS11-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
i	M_{2GN}	J_G	M_1	...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
			n_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			I_{M400}	1635	2000	3455	4100	1680	2300	3480	4110
			P_N	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			J_M	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			M_2	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
			c	1143		1031					
103.365	4483	8.21	$n_{2 \text{ Eck}}$	3.8		3.6					
			$n_{2 \text{ th}}$	16		33					
			$n_{2 \text{ th}}$	16		33					
			M_2					2078	1017	1838	898
103.365	5250	8.21	c					2.5	4.9	2.4	4.6
			$n_{2 \text{ Eck}}$					16	22	34	40
			$n_{2 \text{ th}}$					16	22	30	30
			M_2								
103.365	6072	8.21	c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2	1240	673	1114					
111.335	4042	6.05	c	3.2	5.7	3.4					
			$n_{2 \text{ Eck}}$	15	18	31					
			$n_{2 \text{ th}}$	15	18	31					
			M_2					2248	1104	1983	970
111.335	4734	6.05	c					2.1	4.2	2.2	4.2
			$n_{2 \text{ Eck}}$					15	21	31	37
			$n_{2 \text{ th}}$					15	21	28	28
			M_2								
111.335	5975	6.05	c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2	1397	759	1255					
125.448	4555	5.99	c	3.2	5.7	3.4					
			$n_{2 \text{ Eck}}$	13	16	28					
			$n_{2 \text{ th}}$	13	16	28					
			M_2					2533	1244	2234	1093
125.448	5335	5.99	c					2.1	4.2	2.2	4.2
			$n_{2 \text{ Eck}}$					13	18	28	33
			$n_{2 \text{ th}}$					13	18	25	25
			M_2								
125.448	6072	5.99	c								
			$n_{2 \text{ Eck}}$								
			$n_{2 \text{ th}}$								
			M_2	1578	862	1418	690				
140.732	4107	3.96	c	2.6	4.6	2.7	5.1				
			$n_{2 \text{ Eck}}$	12	14	25	29				
			$n_{2 \text{ th}}$	12	14	25	26				
			M_2					2854	1408	2518	1238
140.732	4811	3.96	c					1.7	3.3	1.8	3.4
			$n_{2 \text{ Eck}}$					12	16	25	29
			$n_{2 \text{ th}}$					12	16	22	22
			M_2	1778	971	1597	778				
158.571	4628	3.93	c	2.6	4.6	2.7	5.1				
			$n_{2 \text{ Eck}}$	10	13	22	26				
			$n_{2 \text{ th}}$	10	13	22	23				
			M_2					3215	1587	2838	1395
158.571	5421	3.93	c					1.7	3.3	1.8	3.4
			$n_{2 \text{ Eck}}$					11	15	22	26
			$n_{2 \text{ th}}$					11	15	20	20

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

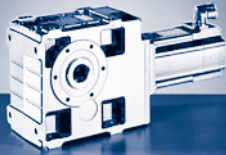


$M_{2GN} \leq 6072 \text{ Nm}$

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS11-3A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2 c			
								$n_{2 \text{ Eck}}$	8.21	4483	103.365
								$n_{2 \text{ th}}$			
								M_2 c			
								$n_{2 \text{ Eck}}$	8.21	5250	103.365
								$n_{2 \text{ th}}$			
3538	1555	3517	1139					M_2 c			
1.7	3.7	1.5	4.2					$n_{2 \text{ Eck}}$	8.21	6072	103.365
17	23	34	40					$n_{2 \text{ th}}$			
16	23	24	24					M_2 c			
								$n_{2 \text{ Eck}}$	6.05	4042	111.335
								$n_{2 \text{ th}}$			
								M_2 c			
								$n_{2 \text{ Eck}}$	6.05	4734	111.335
								$n_{2 \text{ th}}$			
3816	1679	3787	1226					M_2 c			
1.6	3.5	1.5	4.2					$n_{2 \text{ Eck}}$	6.05	5975	111.335
15	21	32	37					$n_{2 \text{ th}}$			
15	21	22	22					M_2 c			
								$n_{2 \text{ Eck}}$	5.99	4555	125.448
								$n_{2 \text{ th}}$			
								M_2 c			
								$n_{2 \text{ Eck}}$	5.99	5335	125.448
								$n_{2 \text{ th}}$			
4307	1899	4274	1388					M_2 c			
1.4	3.1	1.3	3.8					$n_{2 \text{ Eck}}$	5.99	6072	125.448
14	19	28	33					$n_{2 \text{ th}}$			
14	19	20	20					M_2 c			
								$n_{2 \text{ Eck}}$	3.96	4107	140.732
								$n_{2 \text{ th}}$			
								M_2 c			
								$n_{2 \text{ Eck}}$	3.96	4811	140.732
								$n_{2 \text{ th}}$			
								M_2 c			
								$n_{2 \text{ Eck}}$	3.93	4628	158.571
								$n_{2 \text{ th}}$			
								M_2 c			
								$n_{2 \text{ Eck}}$	3.93	5421	158.571
								$n_{2 \text{ th}}$			

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]



GKS [Nm]

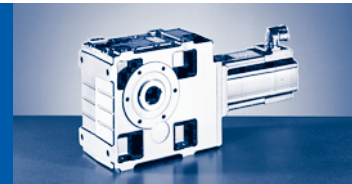
GKS□□-□A (MCA)

$M_{2GN} \leq 6072 \text{ Nm}$

GKS11-3A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			I_{M400}	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
186.572	5975	7.07	M_2	2086	1137	1874	910	3787	1871	3343	1645
			c	2.8	5.0	3.0	5.6	1.6	3.1	1.7	3.2
			n_{2Eck}	9	11	19	22	9	12	19	22
			n_{2th}	9	11	19	19	9	12	17	17
210.222	5892	7.05	M_2	2359	1290	2120	1034	4276	2117	3775	1861
			c	2.5	4.4	2.6	4.9	1.4	2.7	1.5	2.8
			n_{2Eck}	8	10	16	20	8	11	17	20
			n_{2th}	8	10	16	17	8	11	15	15
226.431	5975	5.21	M_2	2545	1393	2287	1117	4610	2284	4070	2008
			c	2.3	4.2	2.5	4.6	1.3	2.6	1.4	2.6
			n_{2Eck}	7	9	15	18	7	10	15	18
			n_{2th}	7	9	15	16	7	10	14	14
255.133	5892	5.20	M_2	2877	1579	2586	1267	5203	2583	4594	2271
			c	2.0	3.6	2.2	4.1	1.1	2.3	1.2	2.3
			n_{2Eck}	6	8	14	16	7	9	14	16
			n_{2th}	6	8	14	14	7	9	12	12
286.219	5975	3.44	M_2	3234	1778	2907	1427	5844	2904	5160	2553
			c	1.8	3.3	1.9	3.7	1.0	2.0	1.1	2.1
			n_{2Eck}	6	7	12	14	6	8	12	14
			n_{2th}	6	7	12	13	6	8	11	11
322.500	5892	3.43	M_2	3653	2012	3284	1616		3281		2885
			c	1.6	2.9	1.7	3.2		1.8		1.8
			n_{2Eck}	5	6	11	13		7		13
			n_{2th}	5	6	11	11		7		10

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

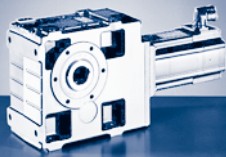


$M_{2GN} \leq 6072 \text{ Nm}$

195C17	195C23	195C35	195C42	21XC17	21XC25	21XC35	21XC42	GKS11-3A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2			
	2856		2093					c	7.07	5975	186.572
	2.1		2.5					$n_{2 \text{ Eck}}$			
	13		22					$n_{2 \text{ th}}$			
	13		13								
	3227		2366					M_2	7.05	5892	210.222
	1.8		2.2					c			
	11		20					$n_{2 \text{ Eck}}$			
	11		12					$n_{2 \text{ th}}$			
	3480		2552					M_2	5.21	5975	226.431
	1.7		2.1					c			
	10		18					$n_{2 \text{ Eck}}$			
	10		11					$n_{2 \text{ th}}$			
	3930		2883					M_2	5.20	5892	255.133
	1.5		1.8					c			
	9		16					$n_{2 \text{ Eck}}$			
	9		10					$n_{2 \text{ th}}$			
								M_2	3.44	5975	286.219
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	3.43	5892	322.500
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			

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

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



GKS [Nm]

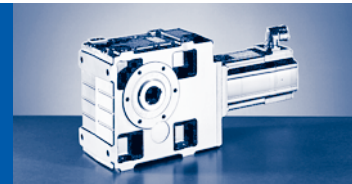
GKS□□-□A (MCA)

$M_{2GN} \leq 6072 \text{ Nm}$

GKS11-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1							
			n_1	2.00	6.30	4.00	12.00	6.70	10.80	5.40
			I_{M400}	3950	3410	4050	1635	2000	3455	4100
			P_N	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			J_M	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			M_2	2.44	8.34	8.34	19.32	19.24	19.24	19.24
			c		570					
102.119	4012	7.28	$n_{2 \text{ Eck}}$		5.8					
			$n_{2 \text{ th}}$		33					
			$n_{2 \text{ th}}$		33					
			M_2				1096		989	
			c				4.9		4.7	
102.119	5655	7.28	$n_{2 \text{ Eck}}$				16		34	
			$n_{2 \text{ th}}$				16		34	
			M_2				1240		1113	
			c				4.6		4.8	
115.063	5869	7.21	$n_{2 \text{ Eck}}$				14		30	
			$n_{2 \text{ th}}$				14		30	
			M_2				1355		1216	
			c				4.1		4.4	
125.095	5800	6.23	$n_{2 \text{ Eck}}$				13		28	
			$n_{2 \text{ th}}$				13		28	
			M_2				1533		1376	
			c				3.8		4.0	
140.952	5923	6.19	$n_{2 \text{ Eck}}$				12		25	
			$n_{2 \text{ th}}$				12		25	
			M_2				1673		1503	
			c				3.4		3.6	
153.242	5800	4.50	$n_{2 \text{ Eck}}$				11		23	
			$n_{2 \text{ th}}$				11		23	
			M_2				1892	1028	1699	
			c				3.1	5.5	3.3	
172.667	5923	4.47	$n_{2 \text{ Eck}}$				10	12	20	
			$n_{2 \text{ th}}$				9	12	20	
			M_2				2222	1213	1997	971
			c				2.6	4.7	2.8	5.3
201.890	5972	3.74	$n_{2 \text{ Eck}}$				8	10	17	20
			$n_{2 \text{ th}}$				8	10	17	18
			M_2				2512	1374	2257	1101
			c				2.4	4.2	2.5	4.7
227.481	5992	3.72	$n_{2 \text{ Eck}}$				7	9	15	18
			$n_{2 \text{ th}}$				7	9	15	16
			M_2				2746	1505	2468	1207
			c				2.2	3.9	2.3	4.3
248.106	5973	3.36	$n_{2 \text{ Eck}}$				7	8	14	17
			$n_{2 \text{ th}}$				7	8	14	14
			M_2				3101	1703	2788	1366
			c				1.9	3.5	2.0	3.9
279.556	6032	3.34	$n_{2 \text{ Eck}}$				6	7	12	15
			$n_{2 \text{ th}}$				6	7	12	13
			M_2		1859	1161	3593	1978	3230	1588
			c		3.0	4.5	1.7	3.0	1.8	3.3
322.931	5973	2.09	$n_{2 \text{ Eck}}$		11	13	5	6	11	13
			$n_{2 \text{ th}}$		11	13	5	6	11	11
			M_2		2101	1315	4056	2236	3647	1796
			c		2.7	4.0	1.5	2.7	1.6	3.0
363.866	6032	2.08	$n_{2 \text{ Eck}}$		9	11	5	6	10	11
			$n_{2 \text{ th}}$		9	11	4	6	10	10

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

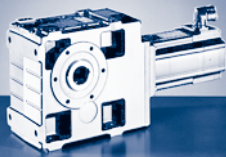


$M_{2GN} \leq 6072 \text{ Nm}$

17NC17	17NC23	17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	GKS11-4A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
21.50	10.80	19.00	9.50	36.30	16.30	36.00	12.00	n_1			
1680	2300	3480	4110	1700	2340	3510	4150	n_1			
8.5	5.5	15.8	10.2	13.9	8.2	28.7	14.0	I_{M400}			
3.80	2.60	6.90	4.10	6.40	4.00	13.20	5.20	P_N			
36.04	36.04	36.04	36.04	72.12	72.12	72.04	72.12	J_M			
								M_2			
								c			
								$n_{2 \text{ Eck}}$	7.28	4012	102.119
								$n_{2 \text{ th}}$			
2011	981	1779	866	3438	1512	3418	1107	M_2			
2.8	5.4	2.7	5.1	1.6	3.6	1.4	4.0	c			
17	23	34	40	17	23	34	41	$n_{2 \text{ Eck}}$	7.28	5655	102.119
16	23	30	30	17	23	24	24	$n_{2 \text{ th}}$			
2272	1110	2003	975	3879	1707	3849	1247	M_2			
2.5	5.1	2.7	5.2	1.5	3.4	1.4	4.1	c			
15	20	30	36	15	20	31	36	$n_{2 \text{ Eck}}$	7.21	5869	115.063
15	20	27	27	15	20	21	21	$n_{2 \text{ th}}$			
2476	1213	2184	1066	4223	1862	4191	1361	M_2			
2.3	4.6	2.5	4.7	1.4	3.1	1.3	3.7	c			
13	18	28	33	14	19	28	33	$n_{2 \text{ Eck}}$	6.23	5800	125.095
13	18	25	25	14	19	20	20	$n_{2 \text{ th}}$			
2796	1373	2467	1207	4765	2105	4728	1539	M_2			
2.1	4.2	2.3	4.3	1.2	2.8	1.2	3.4	c			
12	16	25	29	12	17	25	29	$n_{2 \text{ Eck}}$	6.19	5923	140.952
12	16	22	22	12	17	17	17	$n_{2 \text{ th}}$			
3047	1500	2689	1318	5187	2295	5147	1680	M_2			
1.9	3.8	2.0	3.8	1.1	2.5	1.1	3.0	c			
11	15	23	27	11	15	23	27	$n_{2 \text{ Eck}}$	4.50	5800	153.242
11	15	20	20	11	15	16	16	$n_{2 \text{ th}}$			
3440	1696	3036	1491	5852	2593		1898	M_2			
1.7	3.4	1.8	3.5	1.0	2.3		2.8	c			
10	13	20	24	10	14		24	$n_{2 \text{ Eck}}$	4.47	5923	172.667
10	13	18	18	10	14		14	$n_{2 \text{ th}}$			
4032	1994	3559	1752		3042		2229	M_2			
1.5	2.9	1.6	3.0		1.9		2.4	c			
8	11	17	20		12		21	$n_{2 \text{ Eck}}$	3.74	5972	201.890
8	11	15	15		12		12	$n_{2 \text{ th}}$			
4551	2254	4018	1982		3435		2519	M_2			
1.3	2.6	1.4	2.7		1.7		2.1	c			
7	10	15	18		10		18	$n_{2 \text{ Eck}}$	3.72	5992	227.481
7	10	14	14		10		11	$n_{2 \text{ th}}$			
4970	2465	4388	2167		3753		2752	M_2			
1.2	2.4	1.3	2.4		1.6		1.9	c			
7	9	14	17		9		17	$n_{2 \text{ Eck}}$	3.36	5973	248.106
7	9	13	13		9		10	$n_{2 \text{ th}}$			
5608	2785	4951	2448		4236		3108	M_2			
1.1	2.1	1.2	2.2		1.4		1.7	c			
6	8	13	15		8		15	$n_{2 \text{ Eck}}$	3.34	6032	279.556
6	8	11	11		8		9	$n_{2 \text{ th}}$			
	3227		2838					M_2			
	1.8		1.9					c			
	7		13					$n_{2 \text{ Eck}}$	2.09	5973	322.931
	7		10					$n_{2 \text{ th}}$			
	3644		3204					M_2			
	1.6		1.7					c			
	6		11					$n_{2 \text{ Eck}}$	2.08	6032	363.866
	6		9					$n_{2 \text{ th}}$			

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

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



GKS [Nm]

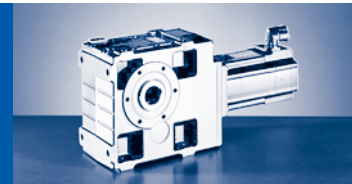
GKS□□-□A (MCA)

$M_{2GN} \leq 6072 \text{ Nm}$

GKS11-4A				10IC40	13IC34	13IC41	14LC16	14LC20	14LC35	14LC41
				...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1							
			n_1	3950	3410	4050	1635	2000	3455	4100
			I_{M400}	2.4	6.0	4.4	4.8	3.3	9.1	5.8
			P_N	0.80	2.20	1.70	2.10	1.40	3.90	2.30
			J_M	2.44	8.34	8.34	19.32	19.24	19.24	19.24
395.787	5973	1.52	M_2		2292	1436	4418	2439	3973	1959
			c		2.5	3.7	1.4	2.4	1.4	2.7
			$n_{2 \text{ Eck}}$		9	10	4	5	9	10
			$n_{2 \text{ th}}$		9	10	4	5	9	9
445.958	6032	1.52	M_2		2589	1625	4986	2755	4484	2214
			c		2.2	3.3	1.2	2.2	1.3	2.4
			$n_{2 \text{ Eck}}$		8	9	4	5	8	9
			$n_{2 \text{ th}}$		8	9	4	4	8	8
512.196	5975	1.39	M_2		2984	1876	5736	3175	5159	2553
			c		1.9	2.8	1.0	1.9	1.1	2.1
			$n_{2 \text{ Eck}}$		7	8	3	4	7	8
			$n_{2 \text{ th}}$		7	8	3	4	7	7
577.122	6072	1.38	M_2		3369	2120		3584		2882
			c		1.7	2.6		1.7		1.9
			$n_{2 \text{ Eck}}$		6	7		4		7
			$n_{2 \text{ th}}$		6	7		3		6
621.619	5975	1.31	M_2		3634	2289		3866		3110
			c		1.6	2.3		1.5		1.7
			$n_{2 \text{ Eck}}$		6	7		3		7
			$n_{2 \text{ th}}$		5	7		3		6
700.416	6072	1.31	M_2		4102	2585		4364		3511
			c		1.4	2.1		1.4		1.6
			$n_{2 \text{ Eck}}$		5	6		3		6
			$n_{2 \text{ th}}$		5	6		3		5
816.455	5975	0.82	M_2	1483	4793	3024		5098		4103
			c	3.6	1.2	1.8		1.2		1.3
			$n_{2 \text{ Eck}}$	5	4	5		3		5
			$n_{2 \text{ th}}$	5	4	5		2		4
919.949	6072	0.82	M_2	1677	5407	3414		5752		4630
			c	3.2	1.1	1.6		1.1		1.2
			$n_{2 \text{ Eck}}$	4	4	4		2		5
			$n_{2 \text{ th}}$	4	4	4		2		4
990.879	5975	0.60	M_2	1812		3683				4992
			c	3.0		1.5				1.1
			$n_{2 \text{ Eck}}$	4		4				4
			$n_{2 \text{ th}}$	4		4				4
1116.484	6072	0.60	M_2	2048		4156				
			c	2.7		1.3				
			$n_{2 \text{ Eck}}$	4		4				
			$n_{2 \text{ th}}$	4		4				
1252.516	5975	0.39	M_2	2306		4670				
			c	2.3		1.2				
			$n_{2 \text{ Eck}}$	3		3				
			$n_{2 \text{ th}}$	3		3				
1411.286	6072	0.39	M_2	2604		5269				
			c	2.1		1.0				
			$n_{2 \text{ Eck}}$	3		3				
			$n_{2 \text{ th}}$	3		3				

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

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

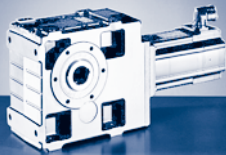


$M_{2GN} \leq 6072 \text{ Nm}$

17NC17	17NC23	17NC35	17NC41	19SC17	19SC23	19SC35	19SC42	GKS11-4A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
21.50	10.80	19.00	9.50	36.30	16.30	36.00	12.00	n_1			
1680	2300	3480	4110	1700	2340	3510	4150	l_{M400}			
8.5	5.5	15.8	10.2	13.9	8.2	28.7	14.0	P_N			
3.80	2.60	6.90	4.10	6.40	4.00	13.20	5.20	J_M			
36.04	36.04	36.04	36.04	72.12	72.12	72.04	72.12	M_2			
	3970		3491					c	1.52	5973	395.787
	1.5		1.5					$n_{2 \text{ Eck}}$			
	6		10					$n_{2 \text{ th}}$			
	6		8					M_2	1.52	6032	445.958
	4481		3940					c			
	1.3		1.4					$n_{2 \text{ Eck}}$			
	5		9					$n_{2 \text{ th}}$			
	5		7					M_2	1.39	5975	512.196
	5156		4534					c			
	1.2		1.2					$n_{2 \text{ Eck}}$			
	5		8					$n_{2 \text{ th}}$			
	4		6					M_2	1.38	6072	577.122
	5817		5116					c			
	1.0		1.1					$n_{2 \text{ Eck}}$			
	4		7					$n_{2 \text{ th}}$			
	4		5					M_2	1.31	5975	621.619
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	1.31	6072	700.416
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	0.82	5975	816.455
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	0.82	6072	919.949
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	0.60	5975	990.879
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	0.60	6072	1116.484
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	0.39	5975	1252.516
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
								M_2	0.39	6072	1411.286
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			

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

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



GKS [Nm]

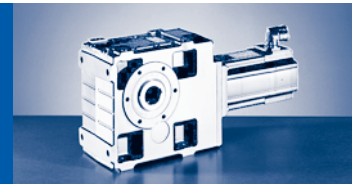
GKS□□-□A (MCA)

$M_{2GN} \leq 11784 \text{ Nm}$

GKS14-3A				195C17	195C23	195C35	195C42	21XC17	21XC25	21XC35	21XC42	
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00	
i	M_{2GN}	J_G	M_1	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	
			n_1	1700	2340	3510	4150	1710	2490	3520	4160	
			I_{M400}	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	
			P_N	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	
			J_M	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	
16.646	5932	198.00	M_2					922		832		
			c					5.8		5.1		
			$n_{2 \text{ Eck}}$						103		212	
			$n_{2 \text{ th}}$						102		99	
18.311	6158	173.00	M_2					1017		918		
			c					5.5		4.8		
			$n_{2 \text{ Eck}}$						93		192	
			$n_{2 \text{ th}}$						93		92	
24.696	8801	183.00	M_2					1367		1234		
			c					5.8		5.1		
			$n_{2 \text{ Eck}}$						69		143	
			$n_{2 \text{ th}}$						69		67	
27.165	9135	159.00	M_2					1509		1362		
			c					5.5		4.8		
			$n_{2 \text{ Eck}}$						63		130	
			$n_{2 \text{ th}}$						63		62	
30.609	10132	156.00	M_2					1702		1536		
			c					5.4		4.8		
			$n_{2 \text{ Eck}}$						56		115	
			$n_{2 \text{ th}}$						56		55	
34.692	10019	111.00	M_2					1944		1752		
			c					4.7		4.1		
			$n_{2 \text{ Eck}}$						49		102	
			$n_{2 \text{ th}}$						49		55	
39.089	10937	109.00	M_2					2194		1977		
			c					4.6		4.0		
			$n_{2 \text{ Eck}}$						44		90	
			$n_{2 \text{ th}}$						44		48	
42.531	10787	82.40	M_2					2394		2149		
			c					4.3		4.1		
			$n_{2 \text{ Eck}}$						40		83	
			$n_{2 \text{ th}}$						40		47	
47.923	11261	81.10	M_2					2706		2429		
			c					4.0		3.9		
			$n_{2 \text{ Eck}}$						36		74	
			$n_{2 \text{ th}}$						36		42	
56.251	10874	54.20	M_2	1845		1846						
			c	5.6		4.8						
			$n_{2 \text{ Eck}}$	30		62						
			$n_{2 \text{ th}}$	30		44						
56.251	11522	54.20	M_2					3194		2866		
			c					3.5		3.4		
			$n_{2 \text{ Eck}}$					30		63		
			$n_{2 \text{ th}}$					30		36		
63.382	11477	53.50	M_2	2088		2087		3615		3243		
			c	5.3		4.5		3.1		3.0		
			$n_{2 \text{ Eck}}$	27		55		27		56		
			$n_{2 \text{ th}}$	27		39		27		32		
68.942	11454	38.90	M_2	2282		2279		3943		3537		
			c	4.8		4.2		2.9		2.7		
			$n_{2 \text{ Eck}}$	25		51		25		51		
			$n_{2 \text{ th}}$	25		36		25		29		

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

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

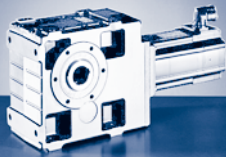


$M_{2GN} \leq 11784 \text{ Nm}$

GKS14-3A				195C17	195C23	195C35	195C42	21XC17	21XC25	21XC35	21XC42
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00
			n_1	1700	2340	3510	4150	1710	2490	3520	4160
			I_{M400}	13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8
			P_N	6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40
			J_M	72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04
77.681	11520	38.40	M_2	2585		2580		4457		3997	
			c	4.3		3.7		2.5		2.4	
			$n_{2 \text{ Eck}}$	22		45		22		45	
			$n_{2 \text{ th}}$	22		32		22		26	
90.551	11488	25.10	M_2	3034		3025		5216	2022	4677	
			c	3.7		3.2		2.2	5.2	2.1	
			$n_{2 \text{ Eck}}$	19		39		19	28	39	
			$n_{2 \text{ th}}$	19		27		19	22	22	
102.029	11639	24.90	M_2	3432		3421		5891	2292	5282	1566
			c	3.3		2.9		2.0	4.7	1.9	5.7
			$n_{2 \text{ Eck}}$	17		34		17	24	35	41
			$n_{2 \text{ th}}$	17		24		17	20	20	20
109.896	11784	18.30	M_2	3705		3691		6353	2476	5696	1693
			c	3.1		2.7		1.8	4.4	1.8	5.4
			$n_{2 \text{ Eck}}$	16		32		16	23	32	38
			$n_{2 \text{ th}}$	15		22		16	18	18	18
123.826	11639	18.10	M_2	4192		4163		7175	2801	6421	1911
			c	2.7		2.6		1.6	4.0	1.7	5.2
			$n_{2 \text{ Eck}}$	14		28		14	20	28	34
			$n_{2 \text{ th}}$	14		20		14	16	16	16
138.913	11784	12.00	M_2	4716	2049	4682					
			c	2.5	5.5	2.4					
			$n_{2 \text{ Eck}}$	12	17	25					
			$n_{2 \text{ th}}$	12	17	18					
156.522	11639	11.90	M_2	5331	2326	5292	1693				
			c	2.2	4.8	2.1	5.9				
			$n_{2 \text{ Eck}}$	11	15	22	27				
			$n_{2 \text{ th}}$	11	15	16	16				
186.572	11609	21.60	M_2	6379	2797	6331	2039	10874	4283	9734	2935
			c	1.8	4.0	1.7	4.9	1.1	2.7	1.1	3.5
			$n_{2 \text{ Eck}}$	9	13	19	22	9	13	19	22
			$n_{2 \text{ th}}$	9	13	13	13	9	11	11	11
210.222	11555	21.50	M_2	7203	3167	7149	2312		4842		3321
			c	1.6	3.6	1.5	4.3		2.4		3.1
			$n_{2 \text{ Eck}}$	8	11	17	20		12		20
			$n_{2 \text{ th}}$	8	11	12	12		10		10
226.431	11609	15.90	M_2	7767	3420	7708	2498		5224		3585
			c	1.5	3.3	1.4	4.0		2.2		2.9
			$n_{2 \text{ Eck}}$	8	10	16	18		11		18
			$n_{2 \text{ th}}$	8	10	11	11		9		9
255.133	11555	15.80	M_2	8768	3870	8701	2830		5903		4054
			c	1.3	2.9	1.3	3.6		1.9		2.5
			$n_{2 \text{ Eck}}$	7	9	14	16		10		16
			$n_{2 \text{ th}}$	7	9	10	10		8		8
286.219	11609	10.50	M_2	9850	4356	9774	3187				
			c	1.2	2.6	1.1	3.2				
			$n_{2 \text{ Eck}}$	6	8	12	15				
			$n_{2 \text{ th}}$	6	8	9	9				
322.500	11555	10.50	M_2	11115	4924		3605				
			c	1.0	2.3		2.8				
			$n_{2 \text{ Eck}}$	5	7		13				
			$n_{2 \text{ th}}$	5	7		8				

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]



GKS [Nm]

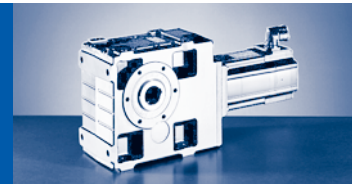
GKS□□-□A (MCA)

$M_{2GN} \leq 11609 \text{ Nm}$

GKS14-4A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			I_{M400}	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
97.467	8508	23.47	M_2					1886		1669	
			c				4.4		4.2		
			n_{2Eck}				17		36		
			n_{2th}				17		32		
97.467	10019	23.47	M_2								
			c								
			n_{2Eck}								
			n_{2th}								
109.822	9586	23.23	M_2					2126		1881	
			c					4.4		4.2	
			n_{2Eck}					15		32	
			n_{2th}					15		28	
109.822	10937	23.23	M_2								
			c								
			n_{2Eck}								
			n_{2th}								
119.493	10431	19.94	M_2					2313		2036	
			c					4.4		4.7	
			n_{2Eck}					14		29	
			n_{2th}					14		26	
119.493	10787	19.94	M_2								
			c								
			n_{2Eck}								
			n_{2th}								
134.640	11261	19.78	M_2					2611		2299	
			c					4.2		4.5	
			n_{2Eck}					13		26	
			n_{2th}					12		23	
158.039	11522	16.44	M_2					3083		2716	
			c					3.6		3.9	
			n_{2Eck}					11		22	
			n_{2th}					11		20	
178.072	11477	16.35	M_2	1894				3490		3076	
			c	5.8				3.2		3.5	
			n_{2Eck}	9				9		20	
			n_{2th}	9				9		17	
193.754	11522	12.08	M_2					3808	1851	3357	
			c					3.0	5.9	3.2	
			n_{2Eck}					9	12	18	
			n_{2th}					9	12	16	
218.315	11477	12.02	M_2					4307	2102	3798	1847
			c					2.6	5.2	2.8	5.3
			n_{2Eck}					8	11	16	19
			n_{2th}					8	11	14	14
237.467	11454	10.87	M_2					4696	2298	4141	2019
			c					2.4	4.8	2.6	4.9
			n_{2Eck}					7	10	15	17
			n_{2th}					7	10	13	13
267.568	11520	10.83	M_2					5306	2604	4680	2288
			c					2.2	4.3	2.3	4.4
			n_{2Eck}					6	9	13	15
			n_{2th}					6	9	12	12

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

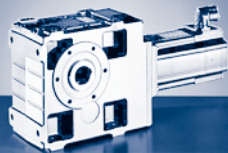


$M_{2GN} \leq 11609 \text{ Nm}$

195C17	195C23	195C35	195C42	21XC17	21XC25	21XC35	21XC42	GKS14-4A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
1700	2340	3510	4150	1710	2490	3520	4160	l_{M400}			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2			
								c	23.47	8508	97.467
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
3232		3220		5541	2160	4968	1477	M_2	23.47	10019	97.467
3.0		2.6		1.8	4.3	1.7	5.2	c			
17		36		18	26	36	43	$n_{2 \text{ Eck}}$			
17		25		18	21	21	21	$n_{2 \text{ th}}$			
								M_2	23.23	9586	109.822
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
3645		3631		6246	2437	5600	1667	M_2	23.23	10937	109.822
2.9		2.5		1.7	4.2	1.7	5.1	c			
16		32		16	23	32	38	$n_{2 \text{ Eck}}$			
15		22		16	18	18	18	$n_{2 \text{ th}}$			
								M_2	19.94	10431	119.493
								c			
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			
3978	1723	3950		6809	2659	6093	1814	M_2	19.94	10787	119.493
2.7	5.9	2.5		1.6	3.9	1.7	5.1	c			
14	20	29		14	21	30	35	$n_{2 \text{ Eck}}$			
14	20	20		14	17	17	17	$n_{2 \text{ th}}$			
4492	1951	4460		7681	3005	6874	2052	M_2	19.78	11261	134.640
2.5	5.5	2.4		1.5	3.6	1.5	4.7	c			
13	17	26		13	19	26	31	$n_{2 \text{ Eck}}$			
13	17	18		13	15	15	15	$n_{2 \text{ th}}$			
5291	2308	5252	1679	9034	3546	8086	2425	M_2	16.44	11522	158.039
2.2	4.8	2.1	5.8	1.3	3.2	1.4	4.1	c			
11	15	22	26	11	16	22	26	$n_{2 \text{ Eck}}$			
11	15	15	15	11	13	13	13	$n_{2 \text{ th}}$			
5977	2616	5933	1906	10195	4011	9126	2747	M_2	16.35	11477	178.072
1.9	4.2	1.8	5.2	1.1	2.8	1.2	3.6	c			
10	13	20	23	10	14	20	23	$n_{2 \text{ Eck}}$			
10	13	14	14	10	11	11	11	$n_{2 \text{ th}}$			
6514	2857	6465	2083	11104	4375	9940	2998	M_2	12.08	11522	193.754
1.8	3.9	1.7	4.8	1.0	2.6	1.1	3.4	c			
9	12	18	21	9	13	18	22	$n_{2 \text{ Eck}}$			
9	12	13	13	9	10	10	10	$n_{2 \text{ th}}$			
7356	3235	7300	2362		4945		3392	M_2	12.02	11477	218.315
1.6	3.5	1.5	4.2		2.3		3.0	c			
8	11	16	19		11		19	$n_{2 \text{ Eck}}$			
8	11	11	11		9		9	$n_{2 \text{ th}}$			
8012	3530	7951	2579		5390		3700	M_2	10.87	11454	237.467
1.4	3.2	1.4	3.9		2.1		2.7	c			
7	10	15	18		11		18	$n_{2 \text{ Eck}}$			
7	10	10	10		8		8	$n_{2 \text{ th}}$			
9043	3993	8973	2919		6088		4182	M_2	10.83	11520	267.568
1.3	2.8	1.2	3.5		1.9		2.4	c			
6	9	13	16		9		16	$n_{2 \text{ Eck}}$			
6	9	9	9		8		8	$n_{2 \text{ th}}$			

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

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



GKS [Nm]

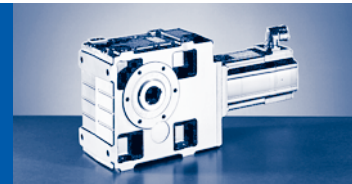
GKS□□-□A (MCA)

$M_{2GN} \leq 11609 \text{ Nm}$

GKS14-4A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			I_{M400}	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
321.729	11454	6.42	M_2	3521	1912	3162		6405	3156	5652	2774
			c	3.2	5.7	3.4		1.8	3.5	1.9	3.6
			$n_{2 \text{ Eck}}$	5	6	11		5	7	11	13
			$n_{2 \text{ th}}$	5	6	11		5	7	10	10
362.512	11520	6.40	M_2	3982	2169	3577	1736	7232	3571	6383	3139
			c	2.8	5.1	3.0	5.7	1.6	3.2	1.7	3.2
			$n_{2 \text{ Eck}}$	5	6	10	11	5	6	10	11
			$n_{2 \text{ th}}$	5	6	10	10	5	6	9	9
390.671	11454	4.75	M_2	4302	2348	3865	1880	7804	3859	6888	3392
			c	2.6	4.7	2.8	5.2	1.5	2.9	1.6	3.0
			$n_{2 \text{ Eck}}$	4	5	9	11	4	6	9	11
			$n_{2 \text{ th}}$	4	5	9	9	4	6	8	8
440.193	11520	4.73	M_2	4862	2660	4369	2132	8808	4363	7775	3835
			c	2.3	4.2	2.5	4.7	1.3	2.6	1.4	2.7
			$n_{2 \text{ Eck}}$	4	5	8	9	4	5	8	9
			$n_{2 \text{ th}}$	4	5	8	8	4	5	7	7
513.121	11488	4.33	M_2	5688	3121	5112	2504	10288	5107	9083	4489
			c	2.0	3.6	2.1	4.0	1.1	2.2	1.2	2.3
			$n_{2 \text{ Eck}}$	3	4	7	8	3	5	7	8
			$n_{2 \text{ th}}$	3	4	7	7	3	4	6	6
578.164	11639	4.32	M_2	6423	3531	5774	2834	11606	5768	10248	5071
			c	1.8	3.2	1.9	3.6	1.0	2.0	1.1	2.0
			$n_{2 \text{ Eck}}$	3	4	6	7	3	4	6	7
			$n_{2 \text{ th}}$	3	3	6	6	3	4	5	5
622.742	11488	4.12	M_2	6929	3814	6230	3063		6224		5472
			c	1.7	3.0	1.8	3.3		1.8		1.9
			$n_{2 \text{ Eck}}$	3	3	6	7		4		7
			$n_{2 \text{ th}}$	3	3	6	6		4		5
701.681	11639	4.12	M_2	7822	4312	7033	3463		7027		6179
			c	1.5	2.7	1.6	3.0		1.7		1.7
			$n_{2 \text{ Eck}}$	2	3	5	6		3		6
			$n_{2 \text{ th}}$	2	3	5	5		3		4
805.901	11488	2.62	M_2	9003	4973	8096	3996		8091		7114
			c	1.3	2.3	1.4	2.6		1.4		1.5
			$n_{2 \text{ Eck}}$	2	3	4	5		3		5
			$n_{2 \text{ th}}$	2	2	4	4		3		4
908.058	11639	2.62	M_2	10159	5617	9136	4515		9130		8029
			c	1.1	2.1	1.2	2.3		1.3		1.3
			$n_{2 \text{ Eck}}$	2	2	4	5		3		5
			$n_{2 \text{ th}}$	2	2	4	4		3		3
978.071	11488	1.91	M_2	10953	6061	9851	4873		9846		8658
			c	1.1	1.9	1.1	2.1		1.2		1.2
			$n_{2 \text{ Eck}}$	2	2	4	4		2		4
			$n_{2 \text{ th}}$	2	2	4	4		2		3
1102.052	11639	1.91	M_2		6843		5504		11108		9768
			c		1.7		1.9		1.1		1.1
			$n_{2 \text{ Eck}}$		2		4		2		4
			$n_{2 \text{ th}}$		2		3		2		3
1236.326	11488	1.26	M_2		7694		6190				
			c		1.5		1.7				
			$n_{2 \text{ Eck}}$		2		3				
			$n_{2 \text{ th}}$		2		3				

$M \dots$ [Nm]
 $n \dots$ [r/min]
 $J \dots$ [kgcm²]

$P \dots$ [kW]
 $I \dots$ [A]
 i [-]
 c [-]

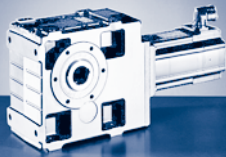


$M_{2GN} \leq 11609 \text{ Nm}$

195C17	195C23	195C35	195C42	21XC17	21XC25	21XC35	21XC42	GKS14-4A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2			
10899	4826	10814	3533					c			
1.1	2.3	1.0	2.9					$n_{2 \text{ Eck}}$	6.42	11454	321.729
5	7	11	13					$n_{2 \text{ th}}$			
5	7	8	8					M_2			
	5453		3995					c			
	2.1		2.6					$n_{2 \text{ Eck}}$	6.40	11520	362.512
	7		12					$n_{2 \text{ th}}$			
	6		7					M_2			
	5887		4314					c			
	1.9		2.4					$n_{2 \text{ Eck}}$	4.75	11454	390.671
	6		11					$n_{2 \text{ th}}$			
	6		6					M_2			
	6648		4874					c			
	1.7		2.1					$n_{2 \text{ Eck}}$	4.73	11520	440.193
	5		9					$n_{2 \text{ th}}$			
	5		6					M_2			
	7770		5700					c			
	1.5		1.8					$n_{2 \text{ Eck}}$	4.33	11488	513.121
	5		8					$n_{2 \text{ th}}$			
	5		5					M_2			
	8769		6436					c			
	1.3		1.6					$n_{2 \text{ Eck}}$	4.32	11639	578.164
	4		7					$n_{2 \text{ th}}$			
	4		4					M_2			
	9456		6942					c			
	1.2		1.5					$n_{2 \text{ Eck}}$	4.12	11488	622.742
	4		7					$n_{2 \text{ th}}$			
	4		4					M_2			
	10669		7834					c			
	1.1		1.3					$n_{2 \text{ Eck}}$	4.12	11639	701.681
	3		6					$n_{2 \text{ th}}$			
	3		3					M_2			
								c			
								$n_{2 \text{ Eck}}$	2.62	11488	805.901
								$n_{2 \text{ th}}$			
								M_2			
								c			
								$n_{2 \text{ Eck}}$	2.62	11639	908.058
								$n_{2 \text{ th}}$			
								M_2			
								c			
								$n_{2 \text{ Eck}}$	1.91	11488	978.071
								$n_{2 \text{ th}}$			
								M_2			
								c			
								$n_{2 \text{ Eck}}$	1.91	11639	1102.052
								$n_{2 \text{ th}}$			
								M_2			
								c			
								$n_{2 \text{ Eck}}$	1.26	11488	1236.326
								$n_{2 \text{ th}}$			

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

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



GKS [Nm]

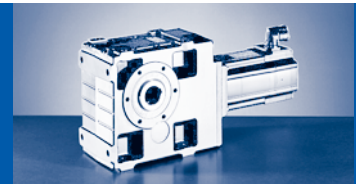
GKS□□-□A (MCA)

$M_{2GN} \leq 11609 \text{ Nm}$

GKS14-4A				14LC16	14LC20	14LC35	14LC41	17NC17	17NC23	17NC35	17NC41
				...F10	...S00	...F10	...S00	...F10	...S00	...F10	...S00
i	M_{2GN}	J_G	M_1	12.00	6.70	10.80	5.40	21.50	10.80	19.00	9.50
			n_1	1635	2000	3455	4100	1680	2300	3480	4110
			I_{M400}	4.8	3.3	9.1	5.8	8.5	5.5	15.8	10.2
			P_N	2.10	1.40	3.90	2.30	3.80	2.60	6.90	4.10
			J_M	19.32	19.24	19.24	19.24	36.04	36.04	36.04	36.04
1393.043	11639	1.26	M_2		8683		6987				
			c		1.3		1.5				
			n_{2Eck}		1		3				
			n_{2th}		1		3				

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

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

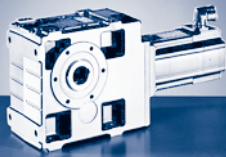


$M_{2GN} \leq 11609 \text{ Nm}$

19SC17	19SC23	19SC35	19SC42	21XC17	21XC25	21XC35	21XC42	GKS14-4A			
...F10	...500	...F10	...500	...F10	...500	...F10	...500	M_1	J_G	M_{2GN}	i
36.30	16.30	36.00	12.00	61.40	24.60	55.00	17.00	n_1			
1700	2340	3510	4150	1710	2490	3520	4160	I_{M400}			
13.9	8.2	28.7	14.0	22.5	13.5	42.5	19.8	P_N			
6.40	4.00	13.20	5.20	11.00	6.40	20.30	7.40	J_M			
72.12	72.12	72.04	72.12	180.04	180.04	180.04	180.04	M_2			
								c	1.26	11639	1393.043
								$n_{2 \text{ Eck}}$			
								$n_{2 \text{ th}}$			

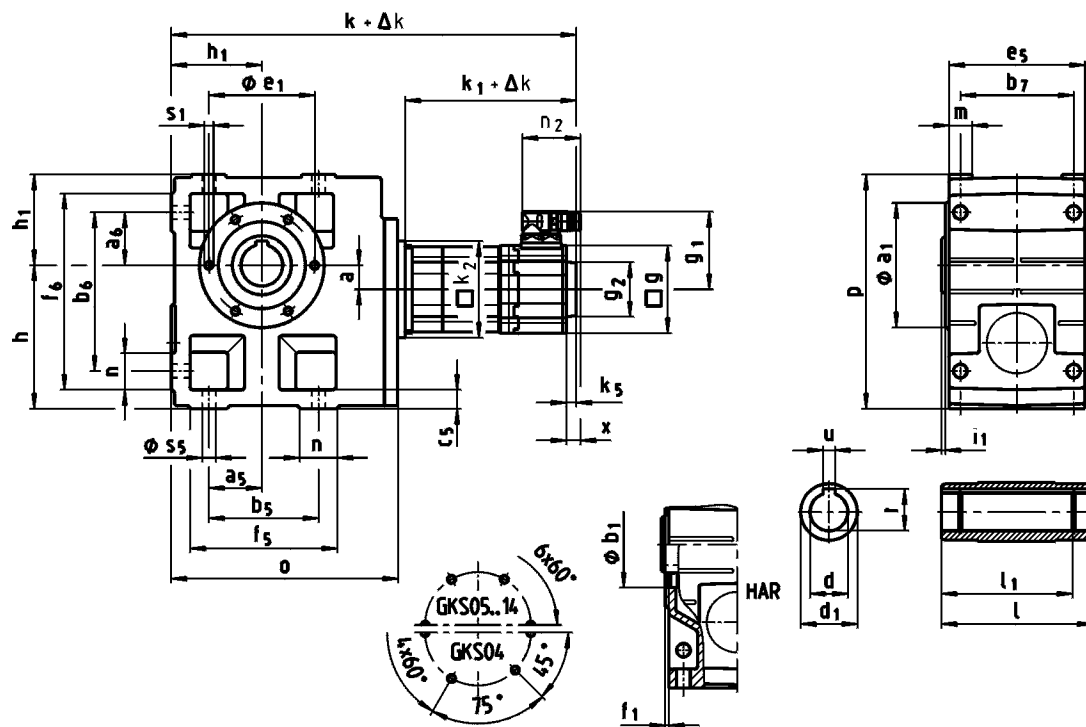
M ... [Nm]
n ... [r/min]
J ... [kgcm²]

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



GKS [mm]

GKS□□-3S (MCS)

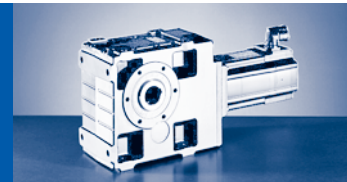


GKS□□-3S H□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41	
GKS04...	k	347	377	407	399	419	439	479								
GKS05...	k	367	397	427	419	439	459	499	436			476			516	
GKS06...	k	423	453	483	475	495	515	555	492			532			572	
GKS07...	k				531	551	571	611	548			588			628	
GKS09...	k								619			659			699	
...RSO B0 ¹⁾	Δk	0														
...RSO P□ ²⁾	Δk	19			20											
	k_1	132	162	192	183	203	223	263	188			228			268	
	k_2	66			91							118				
...RSO	g	62			89							116				
	k_5	0			13							14				
	g_2	□ 62			Ø 67							Ø 72				
	g_1	76			90							105				
	n_2	64								78						
	x					21							18			

¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

²⁾ GKS05: 12DC20 ... 12LC41



GKS□□-3S H□R ... RSO

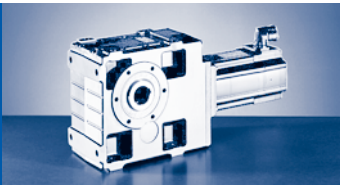
		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30		
GKS06...	k	508		548		588		628									
GKS07...	k	564		604		644		684		603		643		703			
GKS09...	k	635		675		715		755		674		714		774			
GKS11...	k	726		766		806		846		765		805		865			
GKS14...	k									864		904		964			
...RSO B0 ¹⁾	Δ k	0															
...RSO P□ ¹⁾	Δ k	28									34		44				
	k ₁	201		241		281		321		220		260		320			
	k ₂	145						195									
	g	143						192									
...RSO	k ₅	24						15									
	g ₂	Ø 78															
	g ₁	116				147		116	147	141	172	141	172	141	172		
	n ₂	78				94		78	94	78	94	78	94	78	94		
	x	16				38		16	38	16	36	16	36	16	36		

¹⁾ →  801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-3S H□R

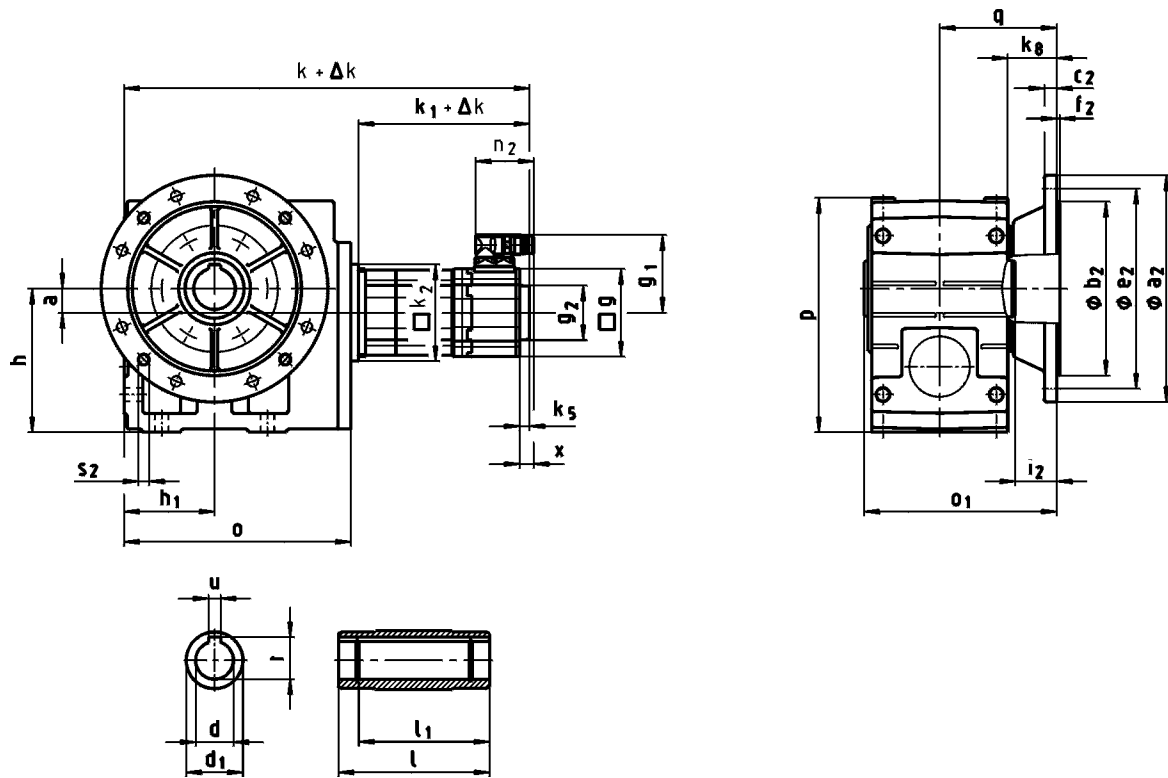
	o	p	h	h ₁	a	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GKS04...	203	171	100	71	20	45	45	110	119	85	14	105	132	141	21	22	9
GKS05...	232	205	125	80	23	47.5	47.5	115	140	105	17	127	144	169		29	11
GKS06...	291	250	150	100	28	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	354	310	190	120	34	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	429	386	236	150	41	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	527	485	300	185	54	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	636	605	375	230	67	135	135	360	415	275	50	328	442	497	52	82	33

	d	l	d ₁	l ₁	u	t	a ₁	b ₁	e ₁	f ₁	i ₁	s ₁
	H7				JS9	+0,2		H7				
GKS04...	25	115	45	100	8	28.3	105	75	90	3	2.5	M6x12
	30					33.3						
GKS05...	35	140	50	124	10	38.3	118	80	100	4	4	M8x15
	40					43.3						
GKS06...	45	160	65	140	14	48.8	140	100	120	5	5	M10x16
	50					53.8						
GKS07...	55	200	75	175	16	59.3	165	115	140	6	6	M12x18
	60					64.4						
GKS09...	70	240	95	210	20	74.9	205	145	175	7	7	M16x24
	80					85.4						
GKS11...	80	290	105	250	22	85.4	240	140	205	8	8	M20x32
GKS14...	100	350	135	305	28	106.4	290	170	250	9	9	M24x35



GKS [mm]

GKS□□-3S (MCS)

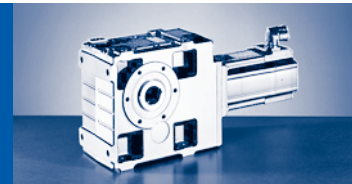


GKS□□-3S HAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41
GKS04...	k	347	377	407	399	419	439	479							
GKS05...	k	367	397	427	419	439	459	499	436			476			516
GKS06...	k	423	453	483	475	495	515	555	492			532			572
GKS07...	k				531	551	571	611	548			588			628
GKS09...	k								619			659			699
...RSO B0 ¹⁾	Δk	0													
...RSO P□ ²⁾	Δk	19			20										
...RSO	k_1	132	162	192	183	203	223	263	188			228			268
	k_2	66			91				118				145 ²⁾		
	g	62			89				116						
	k_5	0			13				14						
	g_2	□ 62			Ø 67				Ø 72						
	g_1	76			90				105						
	n_2	64			78										
x	21							18							

¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

²⁾ GKS05: 12DC20 ... 12LC41



GKS□□-3S HAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30				
GKS06...	k	508		548		588		628											
GKS07...	k	564		604		644		684		603		643		703					
GKS09...	k	635		675		715		755		674		714		774					
GKS11...	k	726		766		806		846		765		805		865					
GKS14...	k									864		904		964					
...RSO B0 ¹⁾	Δ k	0																	
...RSO P□ ¹⁾	Δ k	28						34			44								
	k ₁	201		241		281		321		220		260		320					
	k ₂	145						195											
	g	143						192											
...RSO	k ₅	24						15											
	g ₂	Ø 78																	
	g ₁	116				147		116		147		141		172		141		172	
	n ₂	78				94		78		94		78		94		78		94	
	x	16				38		16		38		16		36		16		36	

¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

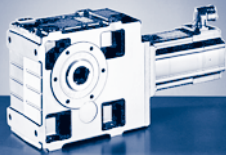
GKS□□-3S HAK

	o	o ₁	p	h	h ₁	a	q	k _g
GKS04...	203	149	171	100	71	20	91	39
GKS05...	232	174	205	125	80	23	103.5	40
GKS06...	291	203 ²⁾ 202 ³⁾	250	150	100	28	122.5 ²⁾ 121.5 ³⁾	50 ²⁾ 49 ³⁾
GKS07...	354	256	310	190	120	34	155.5	66
GKS09...	429	301	386	236	150	41	180.5	70
GKS11...	527	351	485	300	185	54	205.5	71
GKS14...	636	411	605	375	230	67	235.5	72

²⁾ a₂ = 200

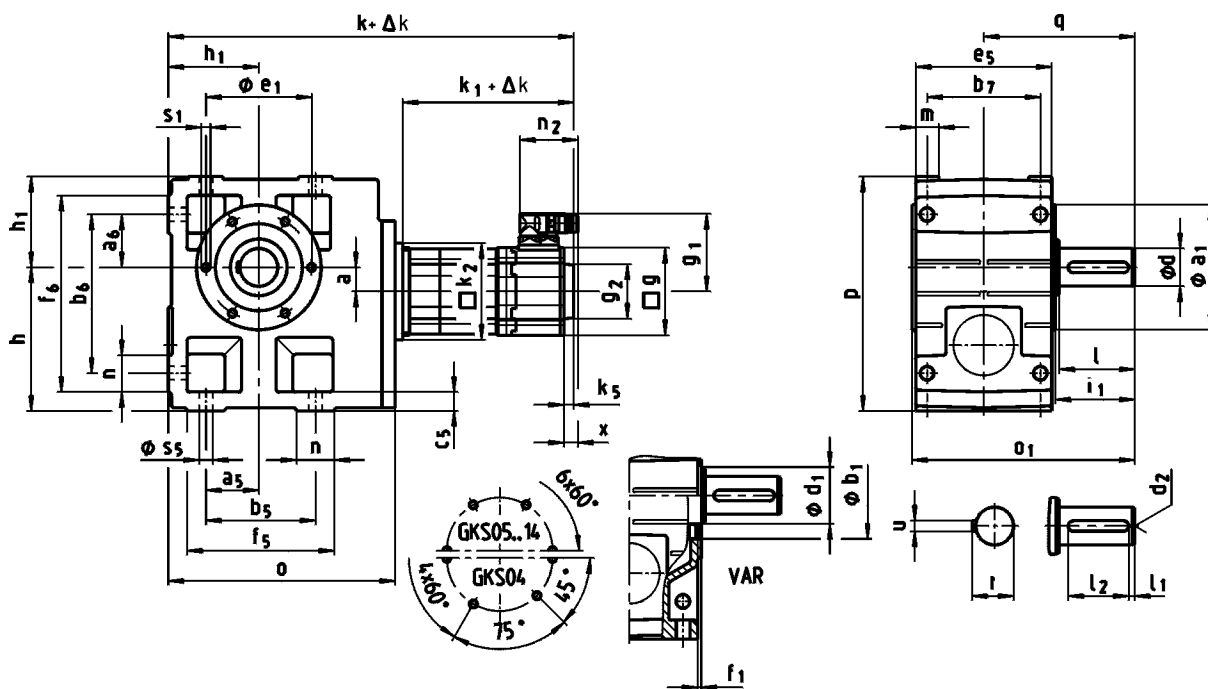
³⁾ a₂ = 250

	d	l	d ₁	l ₁	u	t	a ₂	b ₂	c ₂	e ₂	f ₂	i ₂	s ₂
	H7				JS9	+0,2		j7					
GKS04...	25	115	45	100	8	28.3	160	110	10	130	3.5	33.5	4 x 9
	30					33.3							
GKS05...	35	140	50	124	10	38.3	200	130	12	165	4	55.5	4 x 11
	40					43.3							
GKS06...	45	160	65	140	14	48.8	250	180	15	215	5	60.5	4 x 14
	50					53.8							
GKS07...	55	200	75	175	16	59.3	300	230	17	265	5	60.5	4 x 17.5
	60					64.4							
GKS09...	70	240	95	210	20	74.9	400	300	20	350	5	60.5	4 x 17.5
	80					85.4							
GKS11...	80	290	105	250	22	85.4	450	350	22	400	5	60.5	8 x 17.5
GKS14...	100					106.4							



GKS [mm]

GKS□□-3S (MCS)

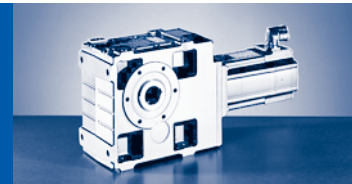


GKS□□-3S V□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41	
GKS04...	k	347	377	407	399	419	439	479								
GKS05...	k	367	397	427	419	439	459	499	436		476			516		
GKS06...	k	423	453	483	475	495	515	555	492		532			572		
GKS07...	k				531	551	571	611	548		588			628		
GKS09...	k								619		659			699		
...RSO B0 ¹⁾	Δk	0														
...RSO P□ ²⁾	Δk	19				20										
...RSO	k_1	132	162	192	183	203	223	263	188		228			268		
	k_2	66			91				118				145 ²⁾			
	g	62			89				116							
	k_5	0			13				14							
	g_2	□ 62			Ø 67				Ø 72							
	g_1	76			90				105							
	n_2	64							78							
x					21								18			

¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

²⁾ GKS05: 12DC20 ... 12LC41



GKS□□-3S V□R ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30				
GKS06...	k	508		548		588		628											
GKS07...	k	564		604		644		684		603		643		703					
GKS09...	k	635		675		715		755		674		714		774					
GKS11...	k	726		766		806		846		765		805		865					
GKS14...	k									864		904		964					
...RSO B0 ¹⁾	Δ k	0																	
...RSO P□ ¹⁾	Δ k	28						34						44					
	k ₁	201		241		281		321		220		260		320					
	k ₂	145						195											
	g	143						192											
...RSO	k ₅	24						15											
	g ₂	Ø 78																	
	g ₁	116				147		116		147		141		172		141		172	
	n ₂	78				94		78		94		78		94		78		94	
	x	16				38		16		38		16		36		16		36	

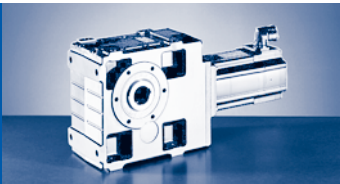
1) → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-3S V□R

	o	o ₁	p	h	h ₁	a	q	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GKS04...	203	163	171	100	71	20	107.5	45	45	110	119	85	14	105	132	141	21	22	9
GKS05...	232	197	205	125	80	23	130	47.5	47.5	115	140	105	17	127	144	169		29	11
GKS06...	291	236	250	150	100	28	160	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	354	296	310	190	120	34	200	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	429	356	386	236	150	41	240	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	527	445	485	300	185	54	305	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	636	544	605	375	230	67	375	135	135	360	415	275	50	328	442	497	52	82	33

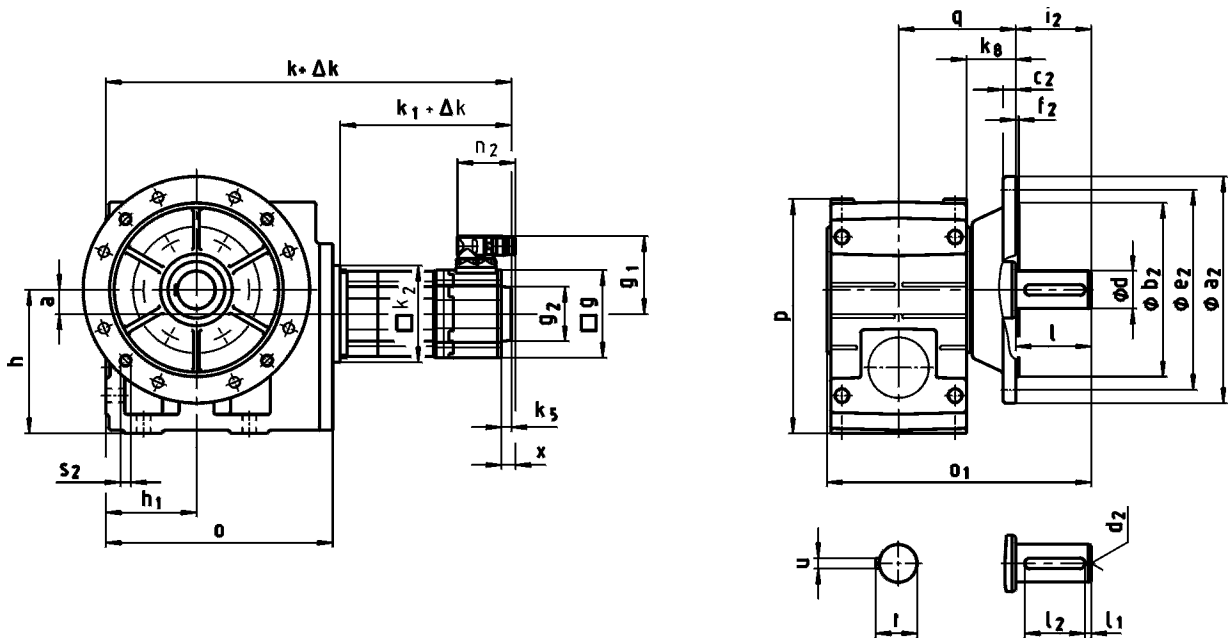
	d	l	d ₁	l ₁	l ₂	d ₂	u	t	a ₁	b ₁	e ₁	f ₁	i ₁	s ₁
										H7				
GKS04...	25	50	45	4	40	M10	8	28	105	75	90	3	52.5	M6x12
GKS05...	30	60	50	6	45			33	118	80	100	4	64	M8x15
GKS06...	40	80	65	7	63	M16	14	43	140	100	120		85	M10x16
GKS07...	50	100	75	8	80			53.5	165	115	140	175	5	105
GKS09...	60	120	95		100	M20	18	64	205	145	175	6	125	M16x24
GKS11...	80	160	105	15	125		22	85	240	140	205		166	M20x32
GKS14...	100	200	135	18	160		M24	28	106	290	170		250	207

d ≤ 50 mm: k6; d > 50 mm: m6



GKS [mm]

GKS□□-3S (MCS)

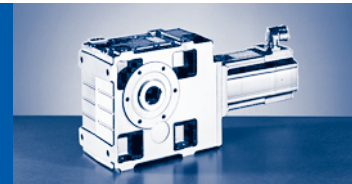


GKS□□-3S VAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41		
GKS04...	k	347	377	407	399	419	439	479									
GKS05...	k	367	397	427	419	439	459	499	436			476			516		
GKS06...	k	423	453	483	475	495	515	555	492			532			572		
GKS07...	k				531	551	571	611	548			588			628		
GKS09...	k								619			659			699		
...RSO B0 ¹⁾	Δk	0															
...RSO P□ ¹⁾	Δk	19								20							
	k_1	132	162	192	183	203	223	263	188			228			268		
	k_2	66			91								118	145 ²⁾			
	g	62			89								116				
...RSO	k_5	0			13								14				
	g_2	□ 62			Ø 67								Ø 72				
	g_1	76			90								105				
	n_2	64							78								
	x				21								18				

¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

²⁾ GKS05: 12DC20 ... 12LC41



GKS□□-3S VAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30				
GKS06...	k	508		548		588		628											
GKS07...	k	564		604		644		684		603		643		703					
GKS09...	k	635		675		715		755		674		714		774					
GKS11...	k	726		766		806		846		765		805		865					
GKS14...	k									864		904		964					
...RSO B0 ¹⁾	Δ k	0																	
...RSO P□ ¹⁾	Δ k	28						34			44								
	k ₁	201		241		281		321		220		260		320					
	k ₂	145						195											
	g	143						192											
...RSO	k ₅	24						15											
	g ₂	Ø 78																	
	g ₁	116				147		116		147		141		172		141		172	
	n ₂	78				94		78		94		78		94		78		94	
	x	16				38		16		38		16		36		16		36	

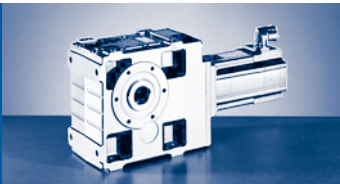
¹⁾ →  801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-3S VAK

	o	o ₁	p	h	h ₁	a	q	k ₈
GKS04...	203	196	171	100	71	20	91	39
GKS05...	232	230	205	125	80	23	103.5	40
GKS06...	291	277	250	150	100	28	121.5	49
GKS07...	354	351	310	190	120	34	155.5	66
GKS09...	429	416	386	236	150	41	180.5	70
GKS11...	527	505	485	300	185	54	205.5	71
GKS14...	636	604	605	375	230	67	235.5	72

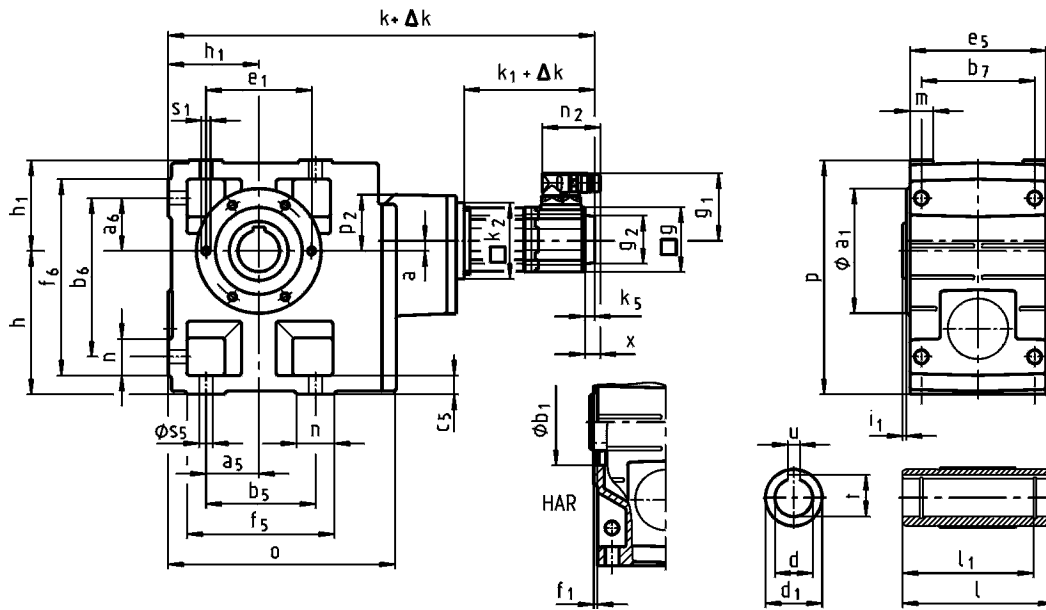
	d	l	l ₁	l ₂	d ₂	u	t	a ₂	b ₂	c ₂	e ₂	f ₂	i ₂	s ₂				
									j7									
GKS04...	25	50	4	40	M10	8	28	160	110	10	130	3.5	50	4 x 9				
GKS05...	30	60	6	45			33	200	130	12	165		60	4 x 11				
GKS06...	40	80	7	63	M16	14	43	250	180	15	215	4	80	4 x 14				
GKS07...	50	100	8	80			53.5						300		230	17	265	100
GKS09...	60	120		100			64						350		250	18	300	120
GKS11...	80	160	15	125	M20	22	85	400	300	20	350	5	160	4 x 17.5				
GKS14...	100	200	18	160			M24						28		106	350	22	400

d ≤ 50 mm: k6; d > 50 mm: m6



GKS [mm]

GKS□□-4S (MCS)

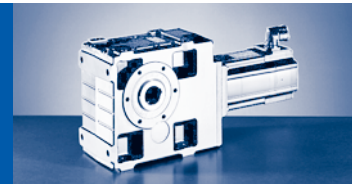


GKS□□-4S H□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41	
GKS05...	k	443	473	503	496	516	536	576								
GKS06...	k	516	546	576	569	589	609	649								
GKS07...	k	583	613	643	636	656	676	716	653		693			733		
GKS09...	k	672	702	732	725	745	765	805	742		782			822		
GKS11...	k				835	855	875	915	852		892			932		
GKS14...	k								985		1025			1065		
...RSO B0 ¹⁾	Δk	0														
...RSO P□ ¹⁾	Δk	19			20											
	k_1	132	162	192	183	203	223	263	188		228			268		
	k_2	66			91				118				145 ²⁾			
	g	62			89				116							
...RSO	k_5	0			13				14							
	g_2	□ 62			Ø 67				Ø 72							
	g_1	76			90				105							
	n_2	64							78							
	x				21								18			

¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

²⁾ GKS07: 12DC20 ... 12LC41



GKS□□-4S H□R ... RSO

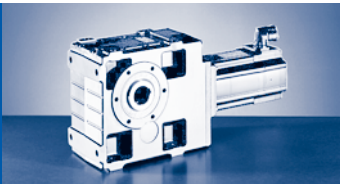
		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30		
GKS09...	k	757		797		837		877									
GKS11...	k	867		907		947		987		906		946		1006			
GKS14...	k	1000		1040		1080		1120		1039		1079		1139			
...RSO B0 ¹⁾	Δ k	0															
...RSO P□ ¹⁾	Δ k	28						34			44						
	k ₁	201		241		281		321		220		260		320			
	k ₂	145						195									
	g	143						192									
...RSO	k ₅	24						15									
	g ₂	Ø 78															
	g ₁	116				147		116	147	141	172	141	172	141	172	141	172
	n ₂	78				94		78	94	78	94	78	94	78	94	78	94
	x	16				38		16	38	16	36	16	36	16	36	16	36

¹⁾ →  801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-4S H□R

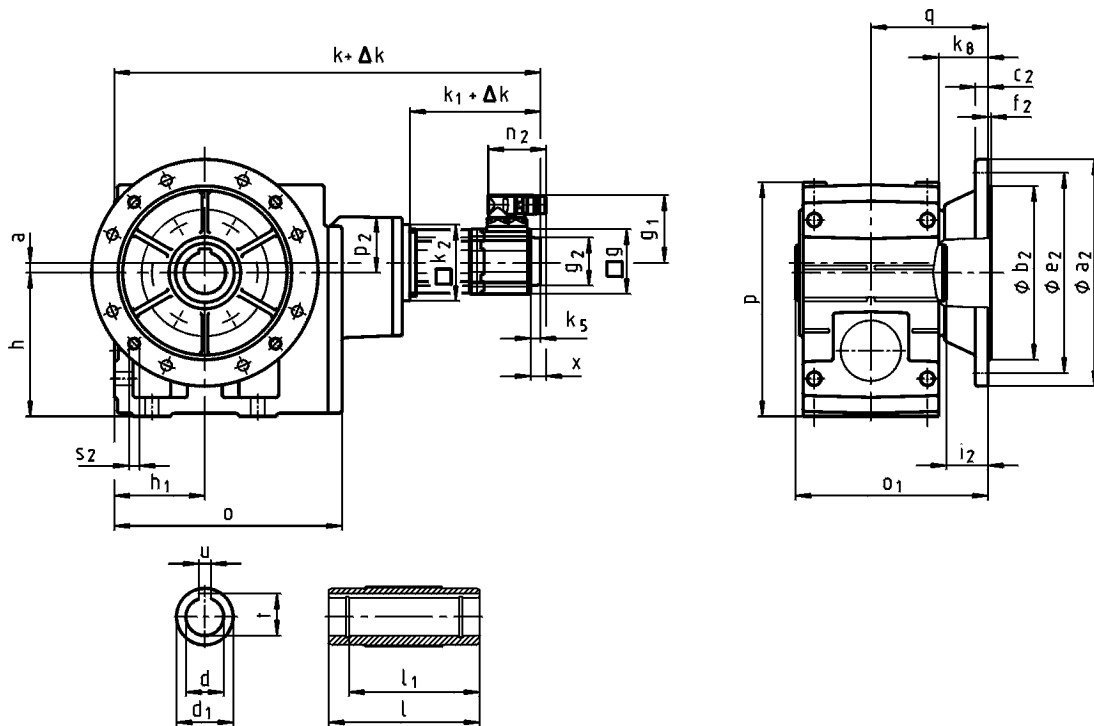
	o	p	p ₂	h	h ₁	a	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GKS05...	226	205	65	125	80	13	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06...	288	250	61	150	100	8	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	351	310	72	190	120	11	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	426	386	92	236	150	15	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	523	485	112	300	185	16	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	632	605	139	375	230	22	135	135	360	415	275	50	328	442	497	52	82	33

	d	l	d ₁	l ₁	u	t	a ₁	b ₁	e ₁	f ₁	i ₁	s ₁
	H7				JS9	+0,2		H7				6x60°
GKS05...	30	140	50	124	8	33.3	118	80	100	4	4	M8x15
	35				10	38.3						
GKS06...	40	160	65	140	12	43.3	140	100	120			
	45				14	48.8						
GKS07...	50	200	75	175	14	53.8	165	115	140	5	5	M12x18
	55				16	59.3						
GKS09...	60	240	95	210	18	64.4	205	145	175	6	6	M16x24
	70				20	74.9						
GKS11...	80	290	105	250	22	85.4	240	140	205			
	80				22	85.4						
GKS14...	100	350	135	305	28	106.4	290	170	250	7	7	M24x35



GKS [mm]

GKS□□-4S (MCS)

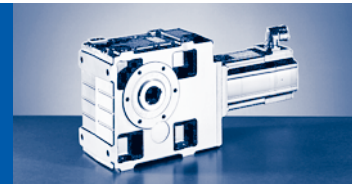


GKS□□-4S HAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41	
GKS05...	k	443	473	503	496	516	536	576								
GKS06...	k	516	546	576	569	589	609	649								
GKS07...	k	583	613	643	636	656	676	716	653		693			733		
GKS09...	k	672	702	732	725	745	765	805	742		782			822		
GKS11...	k				835	855	875	915	852		892			932		
GKS14...	k								985		1025			1065		
...RSO B0 ¹⁾	Δk	0														
...RSO P□ ²⁾	Δk	19				20										
	k_1	132	162	192	183	203	223	263	188		228			268		
	k_2	66			91						118					
...RSO	g	62			89						116					
	k_5	0			13						14					
	g_2	□ 62			Ø 67						Ø 72					
	g_1	76			90						105					
	n_2	64								78						
	x	21										18				

¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

²⁾ GKS07: 12DC20 ... 12LC41



GKS□□-4S HAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30				
GKS09...	k	757		797		837		877											
GKS11...	k	867		907		947		987		906		946		1006					
GKS14...	k	1000		1040		1080		1120		1039		1079		1139					
...RSO B0 ¹⁾	Δ k	0																	
...RSO P□ ¹⁾	Δ k	28						34			44								
	k ₁	201		241		281		321		220		260		320					
	k ₂	145						195											
	g	143						192											
...RSO	k ₅	24						15											
	g ₂	Ø 78																	
	g ₁	116				147		116		147		141		172		141		172	
	n ₂	78				94		78		94		78		94		78		94	
	x	16				38		16		38		16		36		16		36	

¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

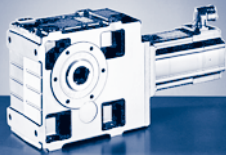
GKS□□-4S HAK

	o	o ₁	p	p ₂	h	h ₁	a	q	k _g
GKS05...	226	174	205	65	125	80	13	103.5	40
GKS06...	288	203 ²⁾ 202 ³⁾	250	61	150	100	8	122.5 ²⁾ 121.5 ³⁾	50 ²⁾ 49 ³⁾
GKS07...	351	256	310	72	190	120	11	155.5	66
GKS09...	426	301	386	92	236	150	15	180.5	70
GKS11...	523	351	485	112	300	185	16	205.5	71
GKS14...	632	411	605	139	375	230	22	235.5	72

²⁾ a₂ = 200

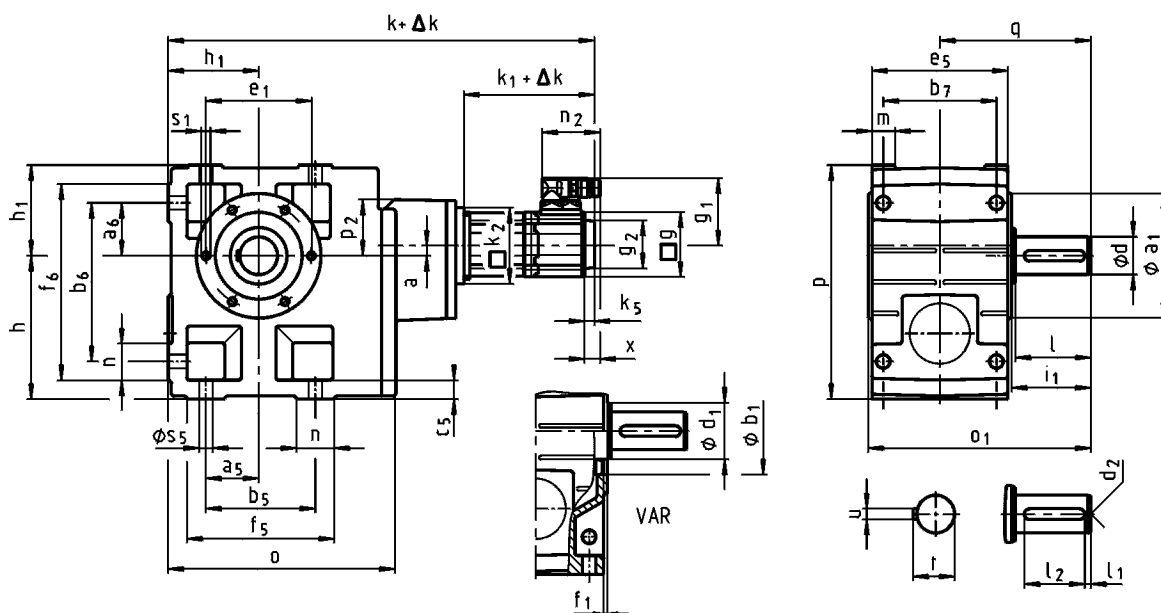
³⁾ a₂ = 250

	d	l	d ₁	l ₁	u	t	a ₂	b ₂	c ₂	e ₂	f ₂	i ₂	s ₂
	H7				JS9	+0,2		j7					
GKS05...	30	140	50	124	8	33.3	200	130	12	165	3.5	33.5	4 x 11
	35				10	38.3							
GKS06...	40	160	65	140	12	43.3	250	180	15	215	4	41.5	4 x 14
	45				14	48.8							
GKS07...	50	200	75	175	14	53.8	300	230	17	265	4	55.5	4 x 17.5
	55				16	59.3							
GKS09...	60	240	95	210	18	64.4	350	250	18	300	5	60.5	4 x 17.5
	70				20	74.9							
GKS11...	80	290	105	250	22	85.4	400	300	20	350	5	60.5	8 x 17.5
	80				22	85.4							
GKS14...	100	350	135	305	28	106.4	450	350	22	400	5	60.5	8 x 17.5



GKS [mm]

GKS□□-4S (MCS)

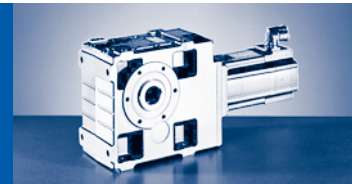


GKS□□-4S V□R ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41		
GKS05...	k	443	473	503	496	516	536	576									
GKS06...	k	516	546	576	569	589	609	649									
GKS07...	k	583	613	643	636	656	676	716	653		693			733			
GKS09...	k	672	702	732	725	745	765	805	742		782			822			
GKS11...	k				835	855	875	915	852		892			932			
GKS14...	k								985		1025			1065			
...RSO B0 ¹⁾	Δk	0															
...RSO P□ ²⁾	Δk	19								20							
	k_1	132	162	192	183	203	223	263	188		228			268			
	k_2	66			91								118 145 ²⁾				
...RSO	g	62			89								116				
	k_5	0			13								14				
	g_2	□ 62			Ø 67								Ø 72				
	g_1	76			90								105				
	n_2	64							78								
	x				21								18				

¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

²⁾ GKS07: 12DC20 ... 12LC41



GKS□□-4S V□R ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30				
GKS09...	k	757		797		837		877											
GKS11...	k	867		907		947		987		906		946		1006					
GKS14...	k	1000		1040		1080		1120		1039		1079		1139					
...RSO B0 ¹⁾	Δ k	0																	
...RSO P□ ¹⁾	Δ k	28						34			44								
	k ₁	201		241		281		321		220		260		320					
	k ₂	145						195											
	g	143						192											
...RSO	k ₅	24						15											
	g ₂	Ø 78																	
	g ₁	116				147		116		147		141		172		141		172	
	n ₂	78				94		78		94		78		94		78		94	
	x	16				38		16		38		16		36		16		36	

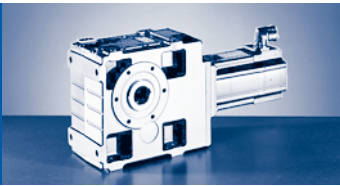
¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-4S V□R

	o	o ₁	p	p ₂	h	h ₁	a	q	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GKS05...	226	197	205	65	125	80	13	130	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06...	288	236	250	61	150	100	8	160	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	351	296	310	72	190	120	11	200	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	426	356	386	92	236	150	15	240	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	523	445	485	112	300	185	16	305	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	632	544	605	139	375	230	22	375	135	135	360	415	275	50	328	442	497	52	82	33

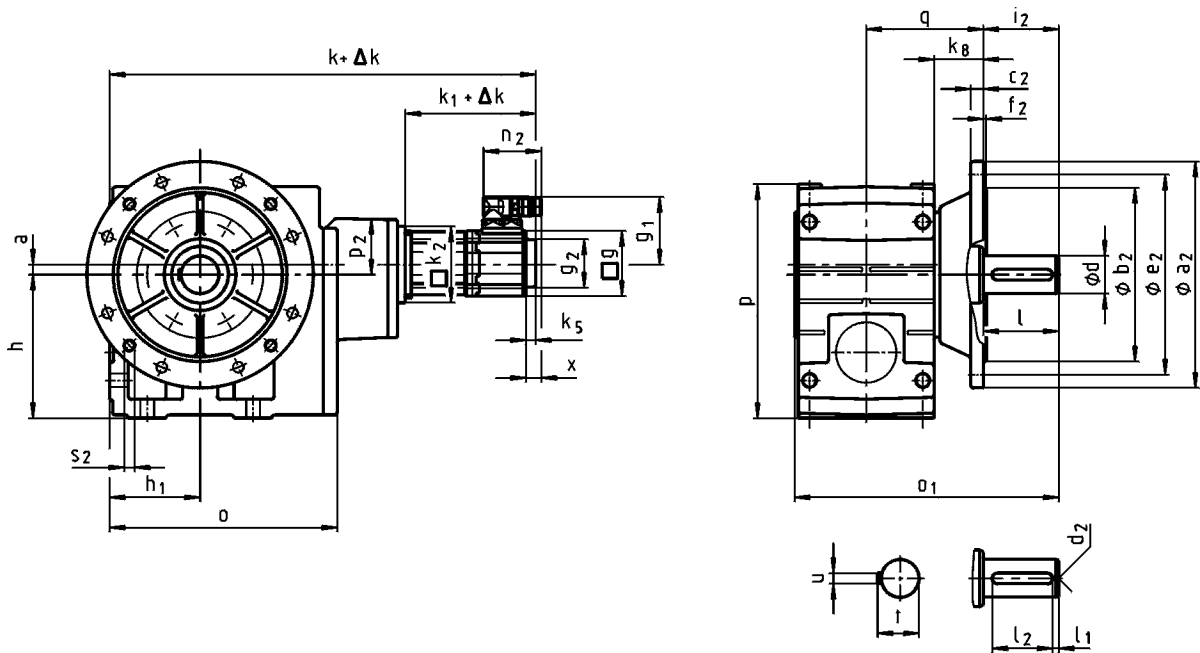
	d	l	d ₁	l ₁	l ₂	d ₂	u	t	a ₁	b ₁	e ₁	f ₁	i ₁	s ₁
										H7				6x60°
GKS05...	30	60	50	6	45	M10	8	33	118	80	100	4	64	M8x15
GKS06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GKS07...	50	100	75	8	80		14	53.5	165	115	140	5	105	M12x18
GKS09...	60	120	95		100	M20	18	64	205	145	175	6	125	M16x24
GKS11...	80	160	105	125	22		85	240	140	205	166		M20x32	
GKS14...	100	200	135	160	M24		28	106	290	170	250		207	M24x35

d ≤ 50 mm: k6; d > 50 mm: m6



GKS [mm]

GKS□□-4S (MCS)

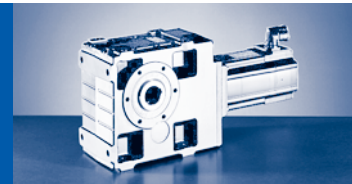


GKS□□-4S VAK ... RSO

		06C C41	06F C41	06I C41	09D C41	09F C38	09H C41	09L C41	12D C20	12D C41	12H C15	12H C30	12H C35	12L C20	12L C41	
GKS05...	k	443	473	503	496	516	536	576								
GKS06...	k	516	546	576	569	589	609	649								
GKS07...	k	583	613	643	636	656	676	716	653		693			733		
GKS09...	k	672	702	732	725	745	765	805	742		782			822		
GKS11...	k				835	855	875	915	852		892			932		
GKS14...	k								985		1025			1065		
...RSO B0 ¹⁾	Δk	0														
...RSO P□ ¹⁾	Δk	19				20										
	k_1	132	162	192	183	203	223	263	188		228			268		
	k_2	66			91						118	145 ²⁾				
	g	62			89						116					
...RSO	k_5	0			13						14					
	g_2	□ 62			Ø 67						Ø 72					
	g_1	76			90						105					
	n_2	64								78						
	x					21								18		

¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

²⁾ GKS07: 12DC20 ... 12LC41



GKS□□-4S VAK ... RSO

		14D C15	14D C36	14H C15	14H C32	14L C15	14L C32	14P C14	14P C32	19F C14	19F C30	19J C14	19J C30	19P C14	19P C30				
GKS09...	k	757		797		837		877											
GKS11...	k	867		907		947		987		906		946		1006					
GKS14...	k	1000		1040		1080		1120		1039		1079		1139					
...RSO B0 ¹⁾	Δ k	0																	
...RSO P□ ¹⁾	Δ k	28						34			44								
	k ₁	201		241		281		321		220		260		320					
	k ₂	145						195											
	g	143						192											
...RSO	k ₅	24						15											
	g ₂	Ø 78																	
	g ₁	116				147		116		147		141		172		141		172	
	n ₂	78				94		78		94		78		94		78		94	
	x	16				38		16		38		16		36		16		36	

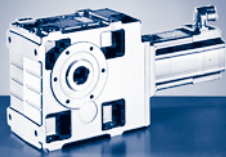
¹⁾ → 801 - SRS/SRM/ECN/EQN/EQI/C20

GKS□□-4S VAK

	o	o ₁	p	p ₂	h	h ₁	a	q	k _g
GKS05...	226	230	205	65	125	80	13	103.5	40
GKS06...	288	277	250	61	150	100	8	121.5	49
GKS07...	351	351	310	72	190	120	11	155.5	66
GKS09...	426	416	386	92	236	150	15	180.5	70
GKS11...	523	505	485	112	300	185	16	205.5	71
GKS14...	632	604	605	139	375	230	22	235.5	72

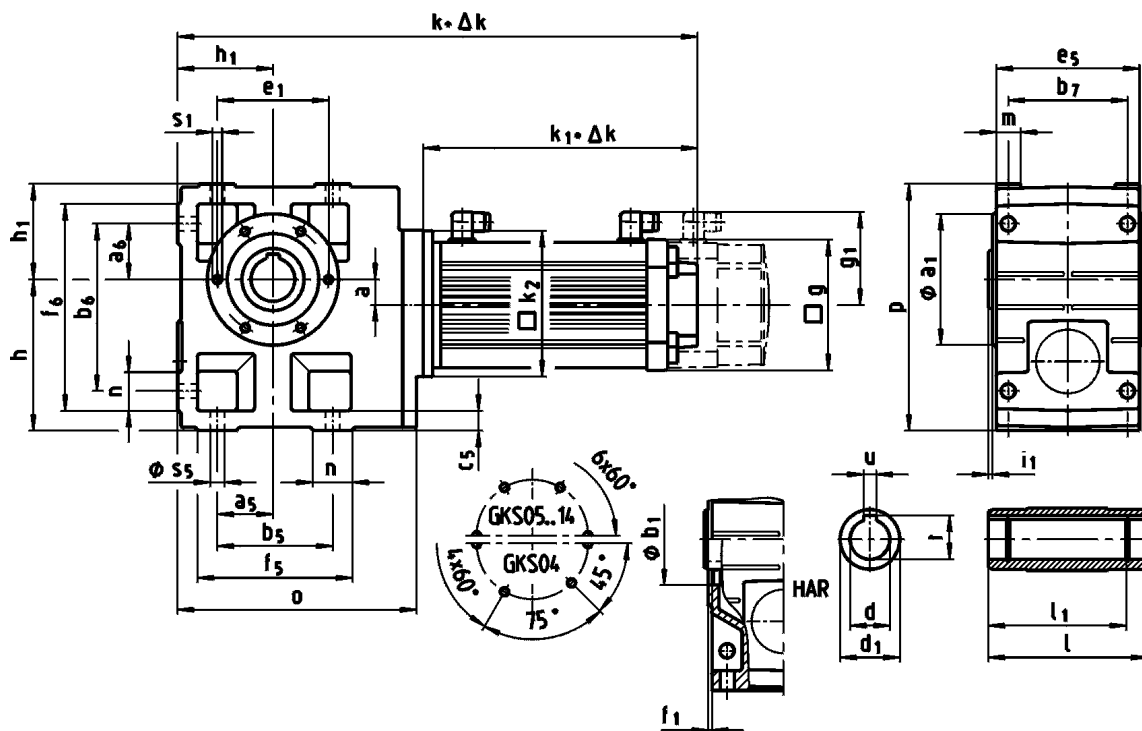
	d	l	l ₁	l ₂	d ₂	u	t	a ₂	b ₂	c ₂	e ₂	f ₂	i ₂	s ₂
									j7					
GKS05...	30	60	6	45	M10	8	33	200	130	12	165	3.5	60	4 x 11
GKS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GKS07...	50	100	8	80		14	53.5	300	230	17	265		100	
GKS09...	60	120		100	M20	18	64	350	250	18	300	5	120	4 x 17.5
GKS11...	80	160	15	125		22	85	400	300	20	350		160	
GKS14...	100	200	18	160		M24	28	106	450	350	22		400	

d ≤ 50 mm: k6; d > 50 mm: m6



GKS [mm]

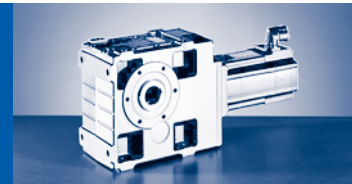
GKS□□-3A (MCA)



GKS□□-3A H□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS04...	k	475	483	551						
GKS05...	k	495	503	571	553		615			
GKS06...	k	551	559	627	609		671		648	
GKS07...	k	607	615	683	665		727		704	
GKS09...	k				736		798		775	
GKS11...	k				827		889		866	
...RSO B0 ¹⁾	Δ k	0								
...RSO P□ ¹⁾	Δ k	25	35			33			35	
	k ₁	258	267	335	307		369		346	
	k ₂	145				180				
	g	102	131			142			165	
	g ₁	90	102			109			118	

¹⁾ → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-3A H□R ... RSO

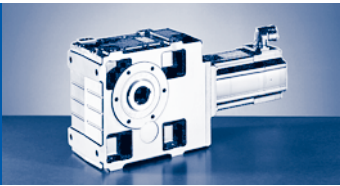
		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10		
GKS06...	k	737											
GKS07...	k	793		773		870		851		947			
GKS09...	k	864		844		941		922		1018			
GKS11...	k	955		935		1032		1013		1109			
GKS14...	k			1034		1131		1112		1208			
...RSO B0 ¹⁾	Δ k	0											
...RSO P□ ¹⁾	Δ k	35			38			42					
	k ₁	435		408		505		479		575			
	k ₂	180				222				265			
	g	165				192				214			
	g ₁	118				161				172			

¹⁾ →  803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-3A H□R

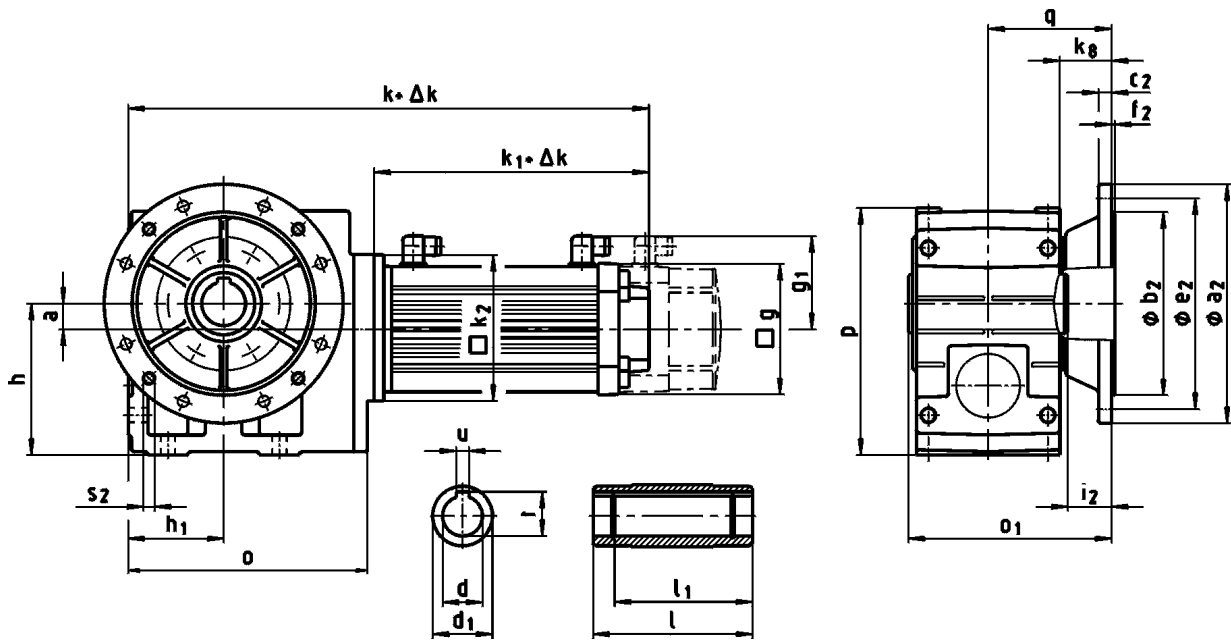
	o	p	h	h ₁	a	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GKS04...	203	171	100	71	20	45	45	110	119	85	14	105	132	141	21	22	9
GKS05...	232	205	125	80	23	47.5	47.5	115	140	105	17	127	144	169		29	11
GKS06...	291	250	150	100	28	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	354	310	190	120	34	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	429	386	236	150	41	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	527	485	300	185	54	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	636	605	375	230	67	135	135	360	415	275	50	328	442	497	52	82	33

	d	l	d ₁	l ₁	u	t	a ₁	b ₁	e ₁	f ₁	i ₁	s ₁
	H7				JS9	+0,2		H7				
GKS04...	25	115	45	100	8	28.3	105	75	90	3	2.5	M6x12
	30					33.3						
GKS05...	35	140	50	124	10	38.3	118	80	100	4	4	M8x15
	40					43.3						
GKS06...	45	160	65	140	14	48.8	140	100	120	5	5	M10x16
	50					53.8						
GKS07...	55	200	75	175	16	59.3	165	115	140	6	6	M12x18
	60					64.4						
GKS09...	70	240	95	210	20	74.9	205	145	175	7	7	M16x24
	80					85.4						
GKS11...	80	290	105	250	22	85.4	240	140	205	8	8	M20x32
	100					106.4						
GKS14...	100	350	135	305	28	106.4	290	170	250	9	9	M24x35



GKS [mm]

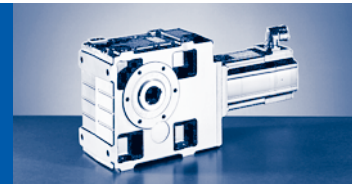
GKS□□-3A (MCA)



GKS□□-3A HAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS04...	k	475	483	551						
GKS05...	k	495	503	571		553		615		
GKS06...	k	551	559	627		609		671		648
GKS07...	k	607	615	683		665		727		704
GKS09...	k					736		798		775
GKS11...	k					827		889		866
...RSO B0 ¹⁾	Δk				0					
...RSO P□ ¹⁾	Δk	25		35		33				35
	k_1	258	267	335		307		369		346
	k_2		145					180		
	g	102		131			142			165
	g_1	90		102			109			118

¹⁾ → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-3A HAK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10		
GKS06...	k	737											
GKS07...	k	793		773		870		851		947			
GKS09...	k	864		844		941		922		1018			
GKS11...	k	955		935		1032		1013		1109			
GKS14...	k			1034		1131		1112		1208			
...RSO B0 ¹⁾	Δ k	0											
...RSO P□ ¹⁾	Δ k	35			38			42					
	k ₁	435		408		505		479		575			
	k ₂	180				222				265			
	g	165				192				214			
	g ₁	118				161				172			

¹⁾ →  803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

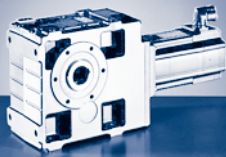
GKS□□-3A HAK

	o	o ₁	p	h	h ₁	a	q	k ₈
GKS04...	203	149	171	100	71	20	91	39
GKS05...	232	174	205	125	80	23	103.5	40
GKS06...	291	203 ²⁾ 202 ³⁾	250	150	100	28	122.5 ²⁾ 121.5 ³⁾	50 ²⁾ 49 ³⁾
GKS07...	354	256	310	190	120	34	155.5	66
GKS09...	429	301	386	236	150	41	180.5	70
GKS11...	527	351	485	300	185	54	205.5	71
GKS14...	636	411	605	375	230	67	235.5	72

²⁾ a₂ = 200

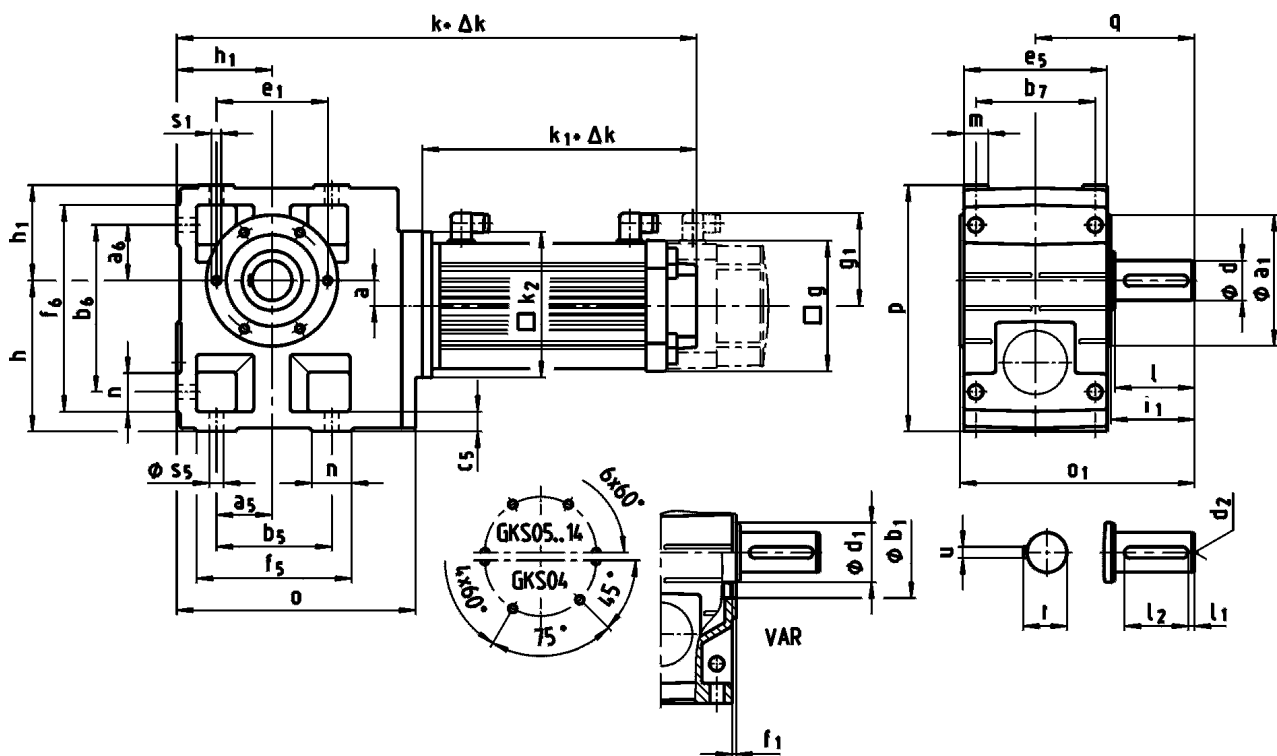
³⁾ a₂ = 250

	d	l	d ₁	l ₁	u	t	a ₂	b ₂	c ₂	e ₂	f ₂	i ₂	s ₂
	H7				JS9	+0,2		j7					
GKS04...	25	115	45	100	8	28.3	160	110	10	130	3.5	33.5	4 x 9
	30					33.3							
GKS05...	35	140	50	124	10	38.3	200	130	12	165	4	42.5	4 x 11
	40					43.3							
GKS06...	45	160	65	140	14	48.8	250	180	15	215	4	41.5	4 x 14
	50					53.8							
GKS07...	55	200	75	175	16	59.3	300	230	17	265	5	55.5	4 x 17.5
	60					64.4							
GKS09...	70	240	95	210	20	74.9	350	250	18	300	5	60.5	4 x 17.5
	80					85.4							
GKS11...	80	290	105	250	22	85.4	400	300	20	350	5	60.5	4 x 17.5
GKS14...	100					106.4							



GKS [mm]

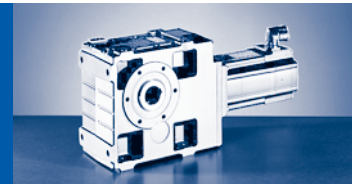
GKS□□-3A (MCA)



GKS□□-3A V□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS04...	k	475	483	551						
GKS05...	k	495	503	571		553		615		
GKS06...	k	551	559	627		609		671		648
GKS07...	k	607	615	683		665		727		704
GKS09...	k					736		798		775
GKS11...	k					827		889		866
...RSO B0 ¹⁾	Δk					0				
...RSO P□ ¹⁾	Δk	25	35			33				35
	k_1	258	267	335		307		369		346
	k_2		145					180		
	g	102	131			142				165
	g_1	90	102			109				118

¹⁾ → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-3A V□R ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10		
GKS06...	k	737											
GKS07...	k	793		773		870		851		947			
GKS09...	k	864		844		941		922		1018			
GKS11...	k	955		935		1032		1013		1109			
GKS14...	k			1034		1131		1112		1208			
...RSO B0 ¹⁾	Δ k	0											
...RSO P□ ¹⁾	Δ k	35			38			42					
	k ₁	435		408		505		479		575			
	k ₂	180				222				265			
	g	165				192				214			
	g ₁	118				161				172			

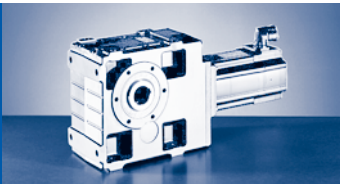
¹⁾ → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-3A V□R

	o	o ₁	p	h	h ₁	a	q	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GKS04...	203	163	171	100	71	20	107.5	45	45	110	119	85	14	105	132	141	21	22	9
GKS05...	232	197	205	125	80	23	130	47.5	47.5	115	140	105	17	127	144	169		29	11
GKS06...	291	236	250	150	100	28	160	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	354	296	310	190	120	34	200	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	429	356	386	236	150	41	240	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	527	445	485	300	185	54	305	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	636	544	605	375	230	67	375	135	135	360	415	275	50	328	442	497	52	82	33

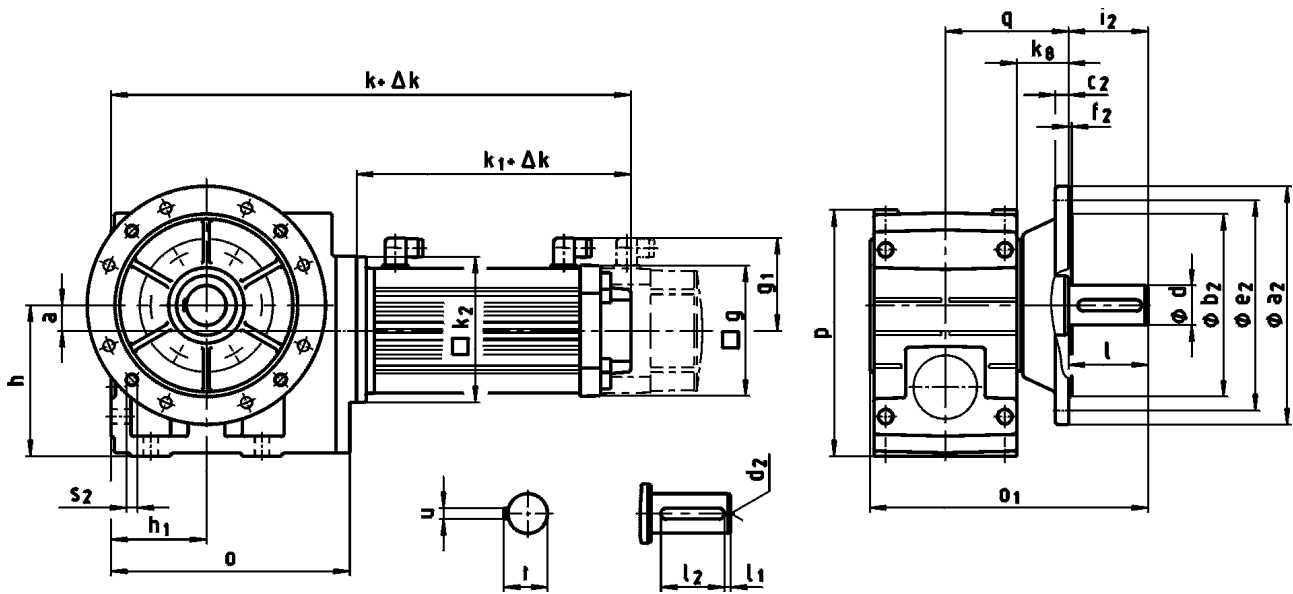
	d	l	d ₁	l ₁	l ₂	d ₂	u	t	a ₁	b ₁	e ₁	f ₁	i ₁	s ₁
										H7				
GKS04...	25	50	45	4	40	M10	8	28	105	75	90	3	52.5	M6x12
GKS05...	30	60	50	6	45			33	118	80	100	4	64	M8x15
GKS06...	40	80	65	7	63	M16	14	43	140	100	120		5	85
GKS07...	50	100	75	8	80			53.5	165	115	140	140		175
GKS09...	60	120	95		100	M20	22	64	205	145	205	6	125	M16x24
GKS11...	80	160	105	125	85			240	140	205	205		166	M20x32
GKS14...	100	200	135	18	160	M24	28	106	290	170	250	207	M24x35	

d ≤ 50 mm: k6; d > 50 mm: m6



GKS [mm]

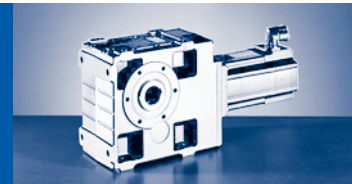
GKS□□-3A (MCA)



GKS□□-3A VAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS04...	k	475	483	551				615		
GKS05...	k	495	503	571		553		615		
GKS06...	k	551	559	627		609		671		648
GKS07...	k	607	615	683		665		727		704
GKS09...	k					736		798		775
GKS11...	k					827		889		866
...RSO B0 ¹⁾	Δk	0								
...RSO P□ ¹⁾	Δk	25	35				33			35
	k_1	258	267	335		307		369		346
	k_2	145					180			
	g	102	131				142			165
	g_1	90	102				109			118

¹⁾ → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-3A VAK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10		
GKS06...	k	737											
GKS07...	k	793		773		870		851		947			
GKS09...	k	864		844		941		922		1018			
GKS11...	k	955		935		1032		1013		1109			
GKS14...	k			1034		1131		1112		1208			
...RSO B0 ¹⁾	Δ k	0											
...RSO P□ ¹⁾	Δ k	35			38			42					
	k ₁	435		408		505		479		575			
	k ₂	180				222				265			
	g	165				192				214			
	g ₁	118				161				172			

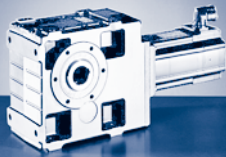
¹⁾ →  803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-3A VAK

	o	o ₁	p	h	h ₁	a	q	k ₈
GKS04...	203	196	171	100	71	20	91	39
GKS05...	232	230	205	125	80	23	103.5	40
GKS06...	291	277	250	150	100	28	121.5	49
GKS07...	354	351	310	190	120	34	155.5	66
GKS09...	429	416	386	236	150	41	180.5	70
GKS11...	527	505	485	300	185	54	205.5	71
GKS14...	636	604	605	375	230	67	235.5	72

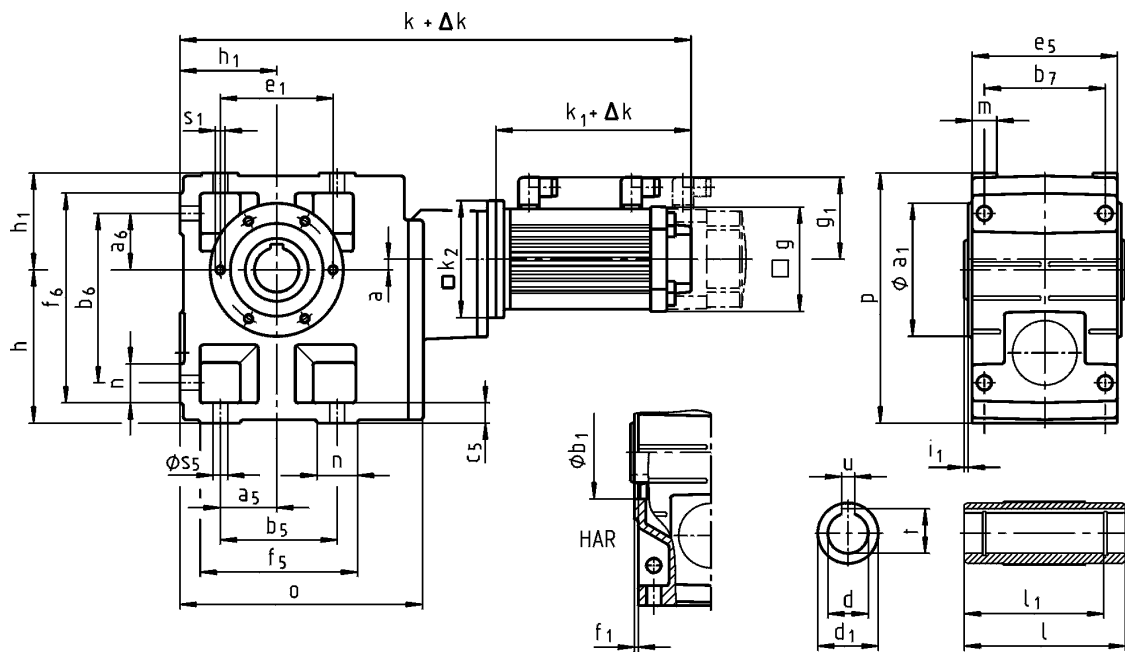
	d	l	l ₁	l ₂	d ₂	u	t	a ₂	b ₂	c ₂	e ₂	f ₂	i ₂	s ₂
									j7					
GKS04...	25	50	4	40	M10	8	28	160	110	10	130	3.5	50	4 x 9
GKS05...	30	60	6	45			33	200	130	12	165		60	4 x 11
GKS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GKS07...	50	100	8	80			53.5	300	230	17	265		100	
GKS09...	60	120		100			18	64	350	250	18		300	
GKS11...	80	160	15	125	M20	22	85	400	300	20	350	5	160	4 x 17.5
GKS14...	100	200	18	160			M24	28	106	450	350		22	

d ≤ 50 mm: k6; d > 50 mm: m6



GKS [mm]

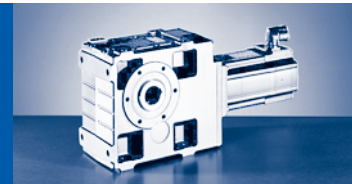
GKS□□-4A (MCA)



GKS□□-4A H□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS05...	k	571	580	648						
GKS06...	k	644	653	721						
GKS07...	k	711	720	788	770		832			
GKS09...	k	800	809	877	859		921		898	
GKS11...	k	910	919	987	969		1031		1008	
GKS14...	k				1102		1164		1141	
...RSO B0 ¹⁾	Δk	0								
...RSO P□ ¹⁾	Δk	25	35			33			35	
	k_1	258	267	335	307		369		346	
	k_2	145					180			
	g	102	131			142			165	
	g_1	90	102			109			118	

¹⁾ → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-4A H□R ... RSO

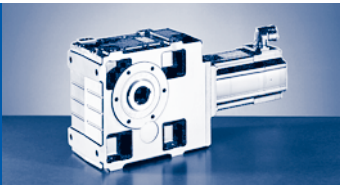
		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10		
GKS09...	k	987											
GKS11...	k	1097		1076		1173		1155		1251			
GKS14...	k	1230		1209		1306		1288		1384			
...RSO B0 ¹⁾	Δ k	0											
...RSO P□ ¹⁾	Δ k	35			38			42					
	k ₁	435		408		505		479		575			
	k ₂	180				222				265			
	g	165				192				214			
	g ₁	118				161				172			

¹⁾ →  803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-4A H□R

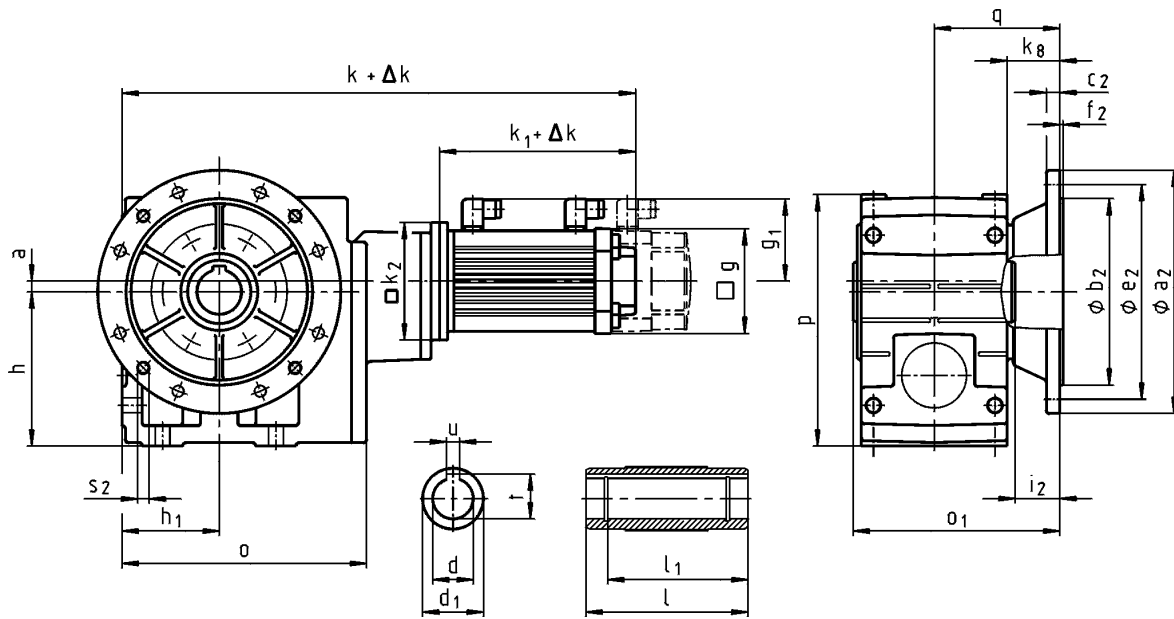
	o	p	h	h ₁	a	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GKS05...	226	205	125	80	13	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06...	288	250	150	100	8	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	351	310	190	120	11	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	426	386	236	150	15	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	523	485	300	185	16	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	632	605	375	230	22	135	135	360	415	275	50	328	442	497	52	82	33

	d	l	d ₁	l ₁	u	t	a ₁	b ₁	e ₁	f ₁	i ₁	s ₁
	H7				JS9	+0,2		H7				6x60°
GKS05...	30	140	50	124	8	33.3	118	80	100	4	4	M8x15
	35				10	38.3						
GKS06...	40	160	65	140	12	43.3	140	100	120	5	5	M10x16
	45				14	48.8						
GKS07...	50	200	75	175	16	53.8	165	115	140	6	6	M12x18
	55				18	64.4						
GKS09...	60	240	95	210	20	74.9	205	145	175	7	7	M16x24
	70				22	85.4						
GKS11...	80	290	105	250	28	106.4	240	140	205	8	8	M20x32
	100				29	117.1						
GKS14...	100	350	135	305			290	170	250	9	9	M24x35



GKS [mm]

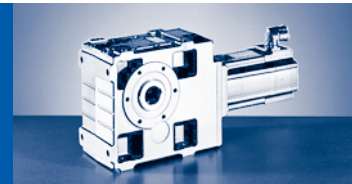
GKS□□-4A (MCA)



GKS□□-4A HAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS05...	k	571	580	648						
GKS06...	k	644	653	721						
GKS07...	k	711	720	788	770		832			
GKS09...	k	800	809	877	859		921	898		
GKS11...	k	910	919	987	969		1031	1008		
GKS14...	k				1102		1164	1141		
...RSO B0 ¹⁾	Δk	0								
...RSO P□ ¹⁾	Δk	25	35		33				35	
	k_1	258	267	335	307		369		346	
	k_2	145				180				
	g	102	131			142			165	
	g_1	90	102			109			118	

¹⁾ → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-4A HAK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS09...	k	987									
GKS11...	k	1097		1076		1173		1155		1251	
GKS14...	k	1230		1209		1306		1288		1384	
...RSO B0 ¹⁾	Δ k	0									
...RSO P□ ¹⁾	Δ k	35			38			42			
	k ₁	435		408		505		479		575	
	k ₂	180				222				265	
	g	165				192				214	
	g ₁	118				161				172	

¹⁾ →  803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

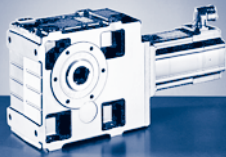
GKS□□-4A HAK

	o	o ₁	p	h	h ₁	a	q	k ₈
GKS05...	226	174	205	125	80	13	103.5	40
GKS06...	288	203 ²⁾ 202 ³⁾	250	150	100	8	122.5 ²⁾ 121.5 ³⁾	50 ²⁾ 49 ³⁾
GKS07...	351	256	310	190	120	11	155.5	66
GKS09...	426	301	386	236	150	15	180.5	70
GKS11...	523	351	485	300	185	16	205.5	71
GKS14...	632	411	605	375	230	22	235.5	72

²⁾ a₂ = 200

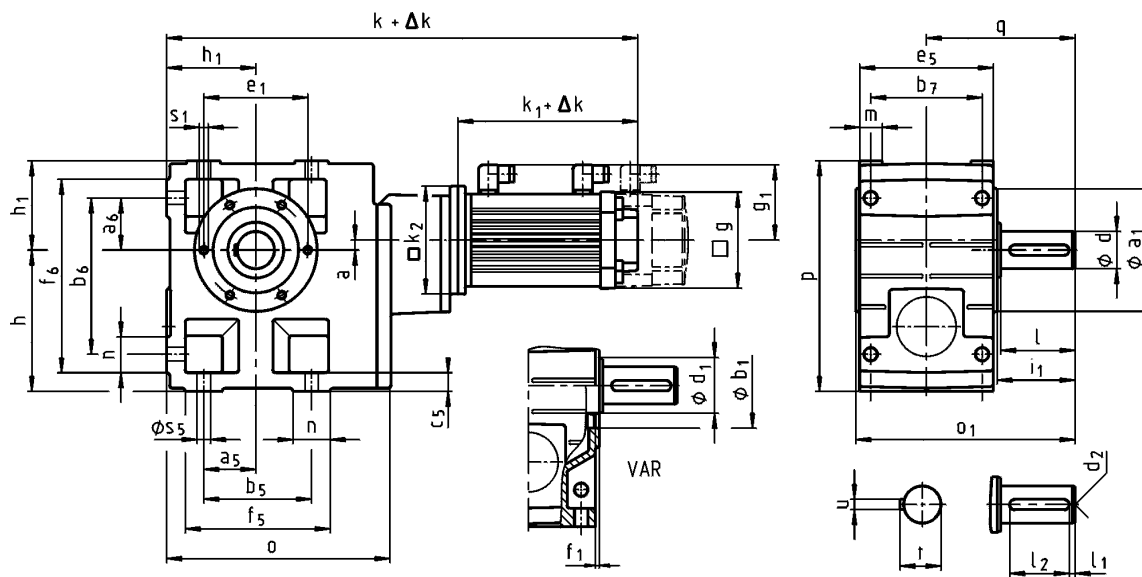
³⁾ a₂ = 250

	d	l	d ₁	l ₁	u	t	a ₂	b ₂	c ₂	e ₂	f ₂	i ₂	s ₂
	H7				JS9	+0,2		j7					
GKS05...	30	140	50	124	8	33.3	200	130	12	165	3.5	33.5	4 x 11
	35				10	38.3							
GKS06...	40	160	65	140	12	43.3	250	180	15	215	4	41.5	4 x 14
	45				14	48.8							
GKS07...	50	200	75	175	16	53.8	300	230	17	265	4	55.5	4 x 17.5
	55				18	64.4							
GKS09...	60	240	95	210	20	74.9	350	250	18	300	5	60.5	4 x 17.5
	70				22	85.4							
GKS11...	80	290	105	250	28	106.4	400	300	20	350	5	60.5	8 x 17.5
	80				22	85.4							
GKS14...	100	350	135	305	28	106.4	450	350	22	400	5	60.5	8 x 17.5



GKS [mm]

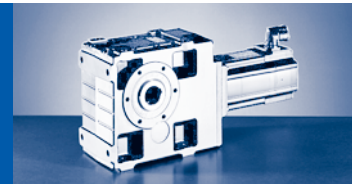
GKS□□-4A (MCA)



GKS□□-4A V□R ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS05...	k	571	580	648						
GKS06...	k	644	653	721						
GKS07...	k	711	720	788	770		832			
GKS09...	k	800	809	877	859		921		898	
GKS11...	k	910	919	987	969		1031		1008	
GKS14...	k				1102		1164		1141	
...RSO B0 ¹⁾	Δk				0					
...RSO P□ ¹⁾	Δk	25	35			33			35	
	k_1	258	267	335	307		369		346	
	k_2		145				180			
	g	102	131			142			165	
	g_1	90	102			109			118	

¹⁾ → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-4A V□R ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10		
GKS09...	k	987											
GKS11...	k	1097		1076		1173		1155		1251			
GKS14...	k	1230		1209		1306		1288		1384			
...RSO B0 ¹⁾	Δ k	0											
...RSO P□ ¹⁾	Δ k	35			38				42				
	k ₁	435		408		505		479		575			
	k ₂	180		222				265					
	g	165		192				214					
	g ₁	118		161				172					

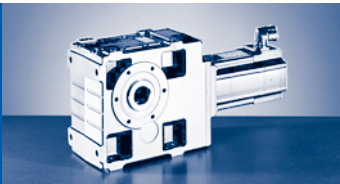
¹⁾ →  803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-4A V□R

	o	o ₁	p	h	h ₁	a	q	a ₅	a ₆	b ₅	b ₆	b ₇	c ₅	e ₅	f ₅	f ₆	m	n	s ₅
GKS05...	226	197	205	125	80	13	130	47.5	47.5	115	140	105	17	127	144	169	21	29	11
GKS06...	288	236	250	150	100	8	160	60	60	155	170	120	20	145	191	206	23	36	14
GKS07...	351	296	310	190	120	11	200	70	70	190	210	150	25	180	235	255	28	45	18
GKS09...	426	356	386	236	150	15	240	90	90	240	266	185	30	222	300	326	37	60	22
GKS11...	523	445	485	300	185	16	305	105	105	290	325	225	40	270	363	398	43	73	26
GKS14...	632	544	605	375	230	22	375	135	135	360	415	275	50	328	442	497	52	82	33

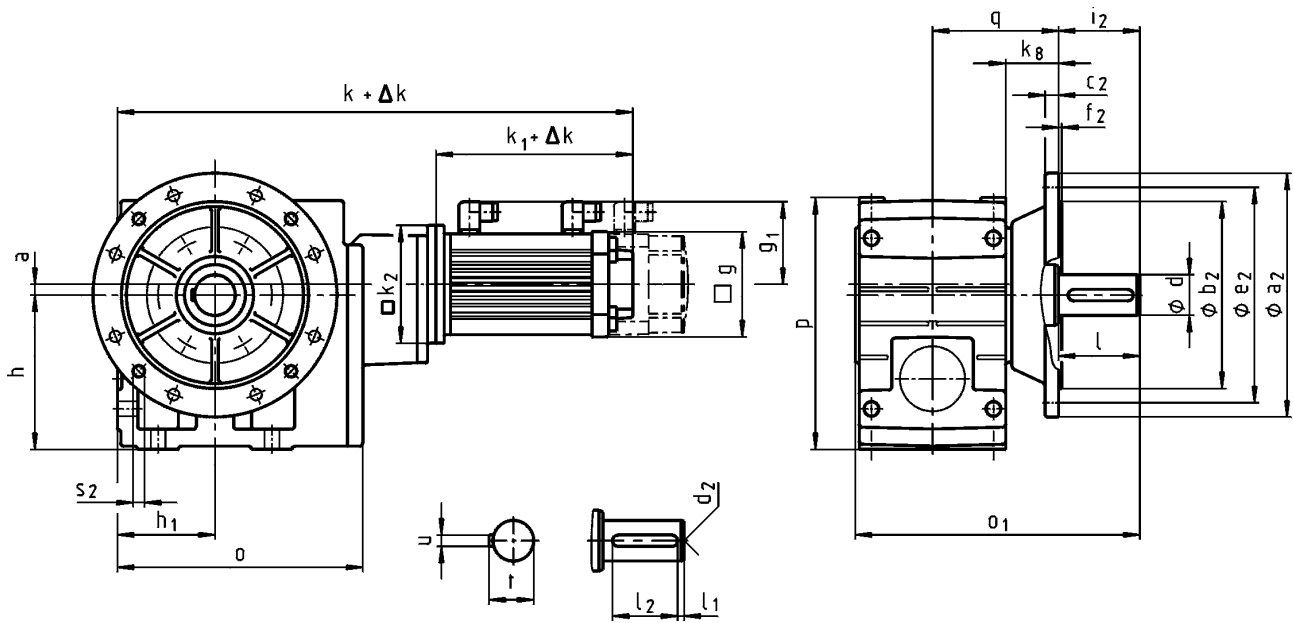
	d	l	d ₁	l ₁	l ₂	d ₂	u	t	a ₁	b ₁	e ₁	f ₁	i ₁	s ₁
										H7				6x60°
GKS05...	30	60	50	6	45	M10	8	33	118	80	100	4	64	M8x15
GKS06...	40	80	65	7	63	M16	12	43	140	100	120		85	M10x16
GKS07...	50	100	75	8	80		M20	14	53.5	165	115	140	5	105
GKS09...	60	120	95		100	18		64	205	145	175	6	125	M16x24
GKS11...	80	160	105	15	125	22	85	240	140	205	166		M20x32	
GKS14...	100	200	135	18	160	M24	28	106	290	170	250		207	M24x35

d ≤ 50 mm: k6; d > 50 mm: m6



GKS [mm]

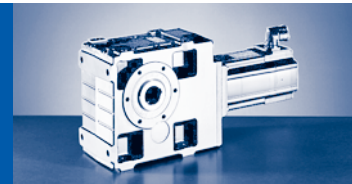
GKS□□-4A (MCA)



GKS□□-4A VAK ... RSO

		10I C40 ...S00	13I C41 ...S00	13I C34 ...F10	14L C20 ...S00	14L C41 ...S00	14L C16 ...F10	14L C35 ...F10	17N C23 ...S00	17N C41 ...S00
GKS05...	k	571	580	648						
GKS06...	k	644	653	721						
GKS07...	k	711	720	788	770		832			
GKS09...	k	800	809	877	859		921		898	
GKS11...	k	910	919	987	969		1031		1008	
GKS14...	k				1102		1164		1141	
...RSO B0 ¹⁾	Δk				0					
...RSO P□ ¹⁾	Δk	25	35			33			35	
	k_1	258	267	335	307		369		346	
	k_2		145				180			
	g	102	131			142			165	
	g_1	90	102			109			118	

¹⁾ → 803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD



GKS□□-4A VAK ... RSO

		17N C17 ...F10	17N C35 ...F10	19S C23 ...S00	19S C42 ...S00	19S C17 ...F10	19S C35 ...F10	21X C25 ...S00	21X C42 ...S00	21X C17 ...F10	21X C35 ...F10
GKS09...	k	987									
GKS11...	k	1097		1076		1173		1155		1251	
GKS14...	k	1230		1209		1306		1288		1384	
...RSO B0 ¹⁾	Δ k	0									
...RSO P□ ¹⁾	Δ k	35		38				42			
	k ₁	435		408		505		479		575	
	k ₂	180		222				265			
	g	165		192				214			
	g ₁	118		161				172			

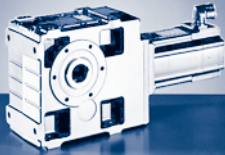
¹⁾ →  803 - SRS/SRM/ECN/EQN/EQI/S20/T20/CDD

GKS□□-4A VAK

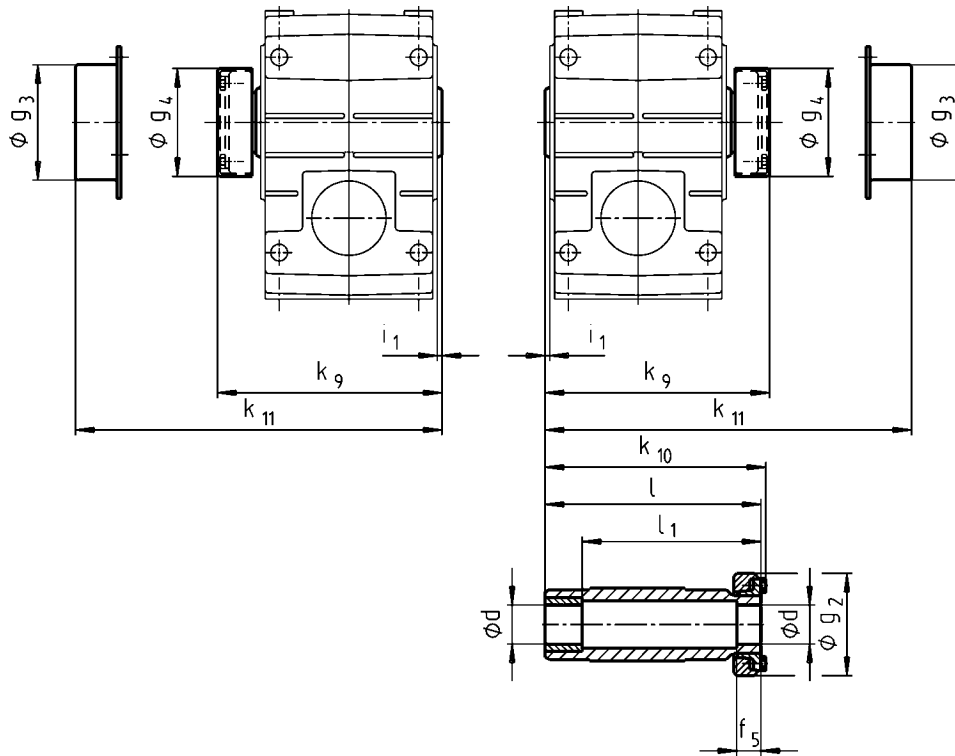
	o	o ₁	p	h	h ₁	a	q	k ₈
GKS05...	226	230	205	125	80	13	103.5	40
GKS06...	288	277	250	150	100	8	121.5	49
GKS07...	351	351	310	190	120	11	155.5	66
GKS09...	426	416	386	236	150	15	180.5	70
GKS11...	523	505	485	300	185	16	205.5	71
GKS14...	632	604	605	375	230	22	235.5	72

	d	l	l ₁	l ₂	d ₂	u	t	a ₂	b ₂	c ₂	e ₂	f ₂	i ₂	s ₂
									j7					
GKS05...	30	60	6	45	M10	8	33	200	130	12	165	3.5	60	4 x 11
GKS06...	40	80	7	63	M16	12	43	250	180	15	215	4	80	4 x 14
GKS07...	50	100	8	80		14	53.5						300	
GKS09...	60	120		100	M20	18	64	350	250	18	300		120	4 x 17.5
GKS11...	80	160	15	125		22	85	400	300	20	350	160	8 x 17.5	
GKS14...	100	200	18	160	M24	28	106	450	350	22	400	200		

d ≤ 50 mm: k6; d > 50 mm: m6

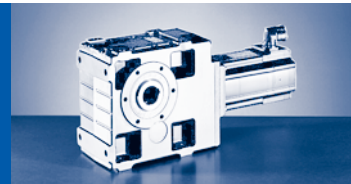


Hollow shaft with shrink disc

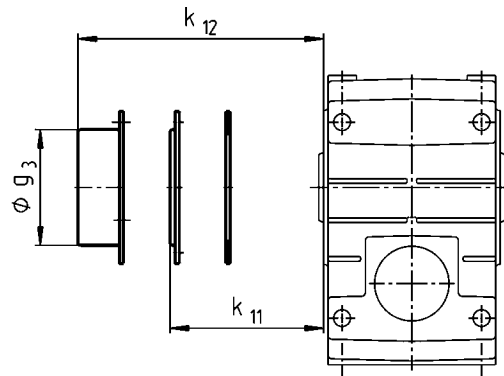


	Machine shaft	Hollow shaft with shrink disc						Protective cap		Cover	
	d	i ₁	k ₁₀	g ₂	l	l ₁	f ₅	k ₉	g ₄	k ₁₁	g ₃
	h6										
GKS04...	25 30	2.5	148	72	142	122	26	150	76	154	79
GKS05...	35	4	174	80	168	148	28	176	84	179	90
GKS06...	40	5	200	90	194	164	30	202	94	204	100
GKS07...	50		238	110	232	192	26	241	116	244	124
GKS09...	65		285	141	278	228	30	288	147	287	159
GKS11...	80	6	344	170	338	238	42	347	176	349	191
GKS14...	100	7	415	215	407	307	55	418	221	421	253

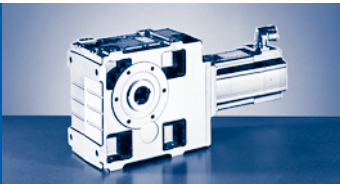
- ▶ Ensure that the strength of the shaft material is adequate in shrink disc designs.
When using typical steels (e.g. C45, 42CrMo4), the torques listed in the selection tables can be used without restriction. When using material that is considerably weaker, please consult us. Medium surface roughness Rz must not exceed 15 µm (turning operation is sufficient).



Hoseproof hollow shaft cover

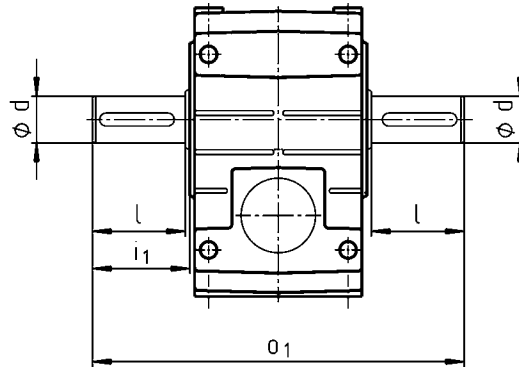


	Cover including seal		
	k_{11}	k_{12}	ϕD_3
GKS04...	9		
GKS05...	10		
GKS06...	11		
GKS07...			
GKS09...		54	159
GKS11...		67	191
GKS14...		80	253

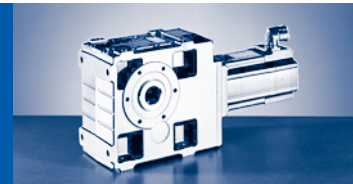


GKS & [mm]

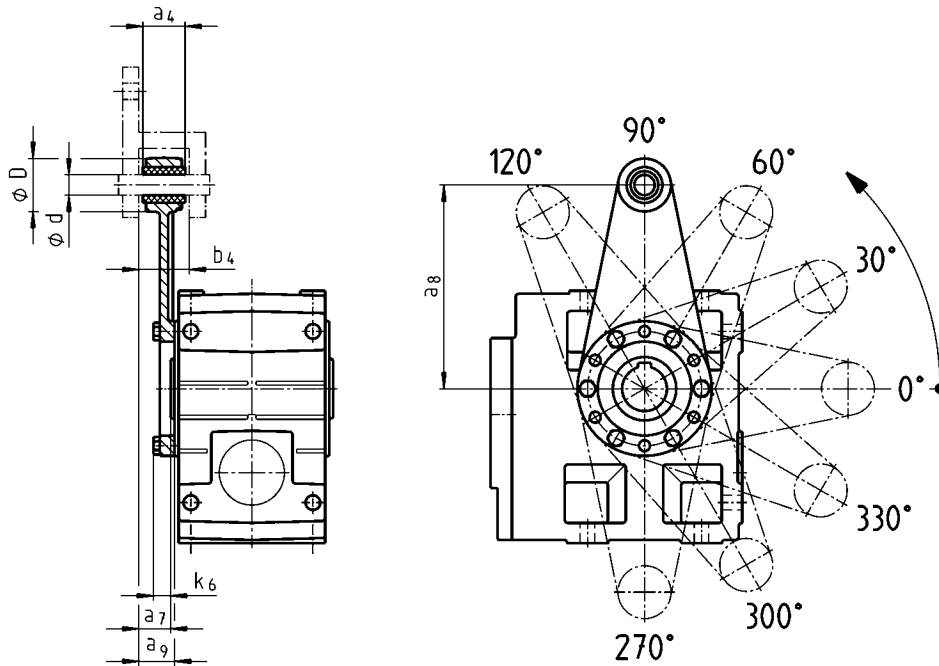
Gearbox with 2nd output shaft end



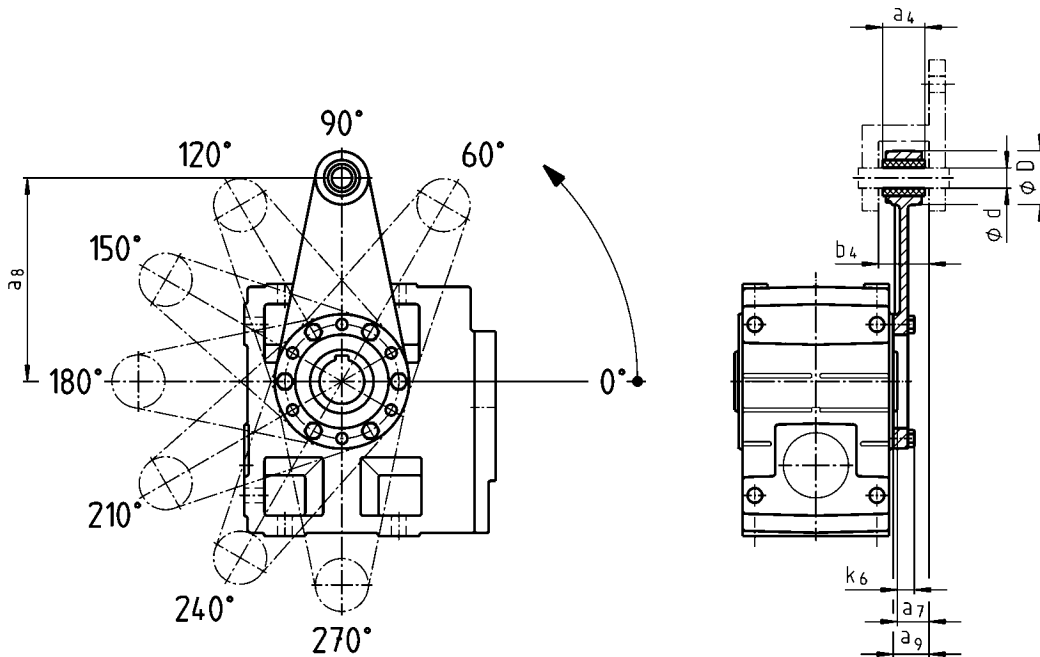
	d	l	i ₁	o ₁
GKS04...	25	50	52.5	215
GKS05...	30	60	64	260
GKS06...	40	80	85	320
GKS07...	50	100	105	400
GKS09...	60	120	125	480
GKS11...	80	160	166	610
GKS14...	100	200	207	750



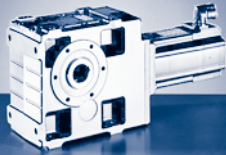
Torque plate at threaded pitch circle in position 3



Torque plate at threaded pitch circle in position 5

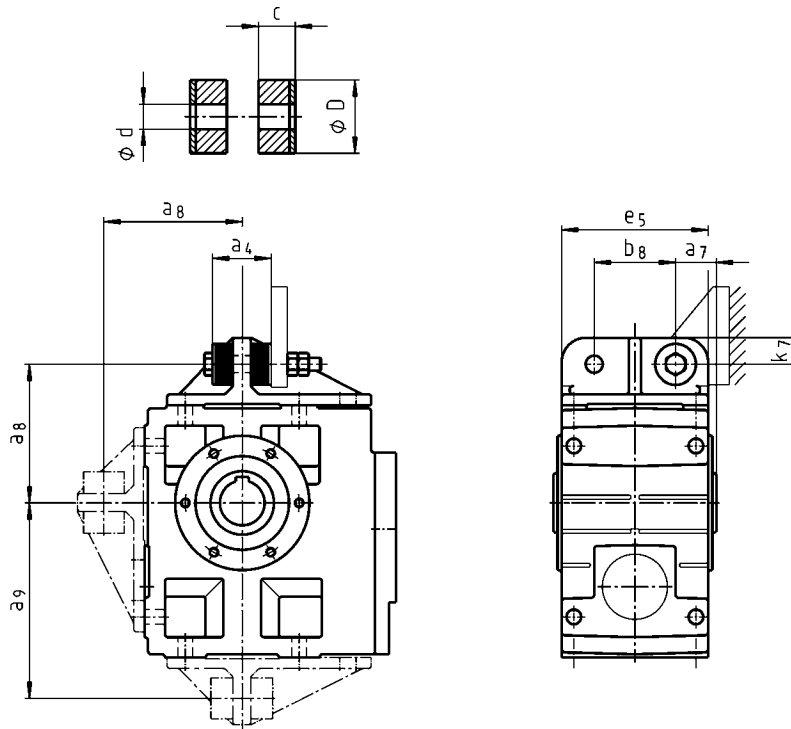


	Installation space							
	a ₇	b ₄	a ₄	a ₈	a ₉	d	D	k ₆
GKS04...	24	34.5	30	130	26.5	12	35	16
GKS05...	23.5	38.5	34	160	27.5	16	45	15
GKS06...	28	44.5	40	200	33	20	50	18
GKS07...	32.5	50.5	46	250	37.5	25	65	21

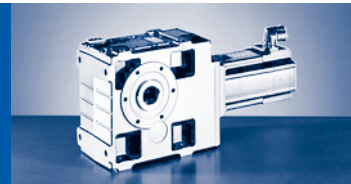


GKS & [mm]

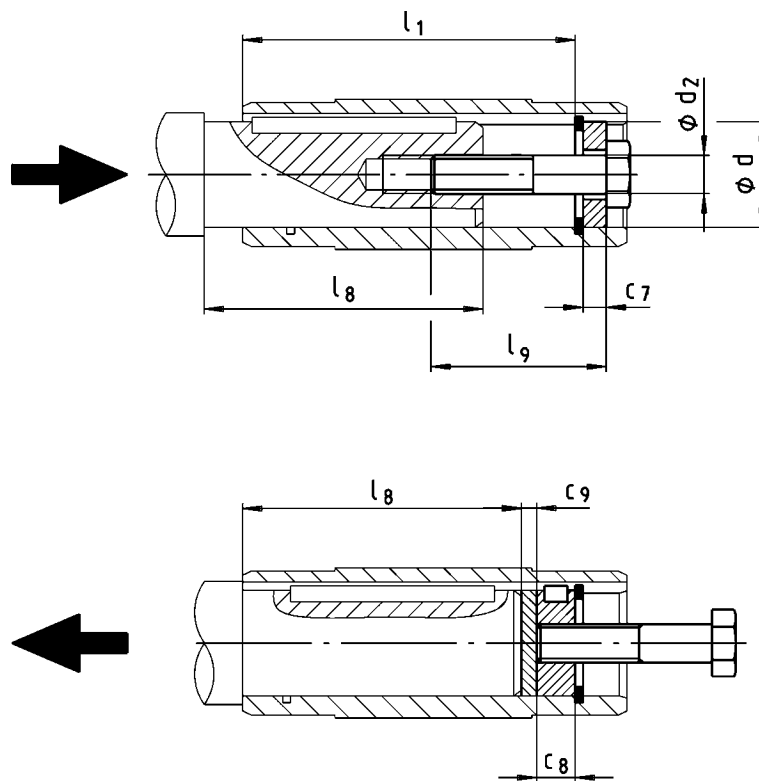
Torque plate at casing foot in position 2, 4 or 6



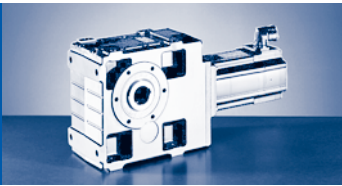
	a ₄	a ₇	a ₈	a ₉	b ₈	c	d	D	e ₅	k ₇
GKS04...	41	27.5	106	135	60	14.5	11	30	100	20
GKS05...	45	35	115	160	70	15	13	40	127	25
GKS06...	72	40	145	195	80	27	17	50	145	28
GKS07...	78	50	170	240	100	28	21	60	180	35
GKS09...	86	60	214	300	120	29	26	72	222	46
GKS11...	94	72.5	260	375	145	30	33	92	270	55
GKS14...	100	85	320	465	180		39	110	328	70



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



	Hollow shaft		Hollow shaft circlip mounting set (Assembly auxiliaries)			Auxiliary tools Disassembly		Machine shaft
	d	l ₁	d ₂	l ₉	c ₇	c ₈	c ₉	max l ₈
	H7							
GKS04...	25	100	M10	40	5	10	3	85
GKS05...	30				6			
	35	124	M12	50	7	12		107
GKS06...	40	140	M16	60	8	16	4	118
	45				9			
GKS07...	50	175			10			148
	55				11			
GKS09...	60	210	M20	80	13	20	5	182
	70	14						
GKS11...	80	250			16		6	221
GKS14...	100	305	M24	100	20	24	8	270



GKS & [mm]