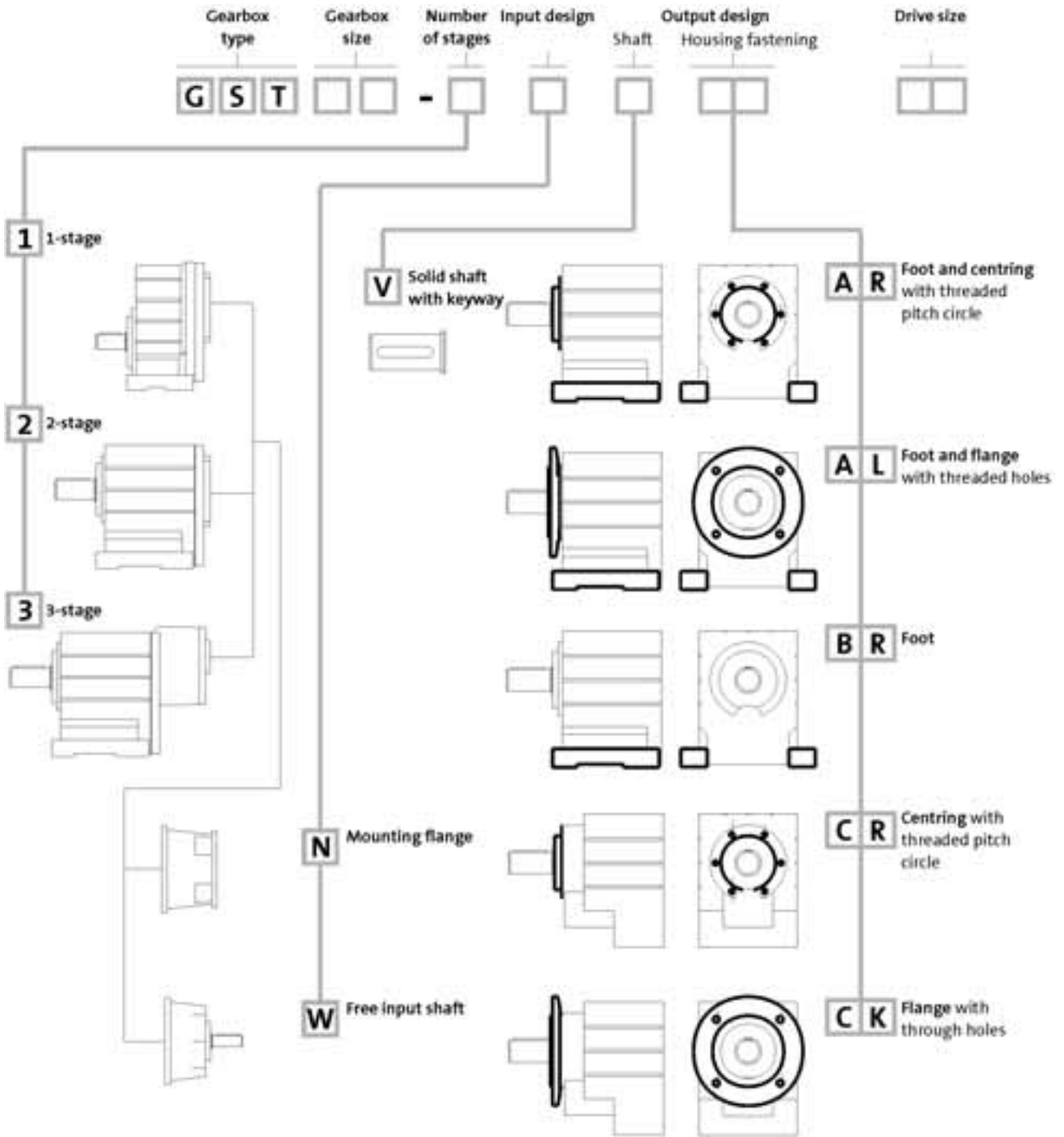


Helical gearbox

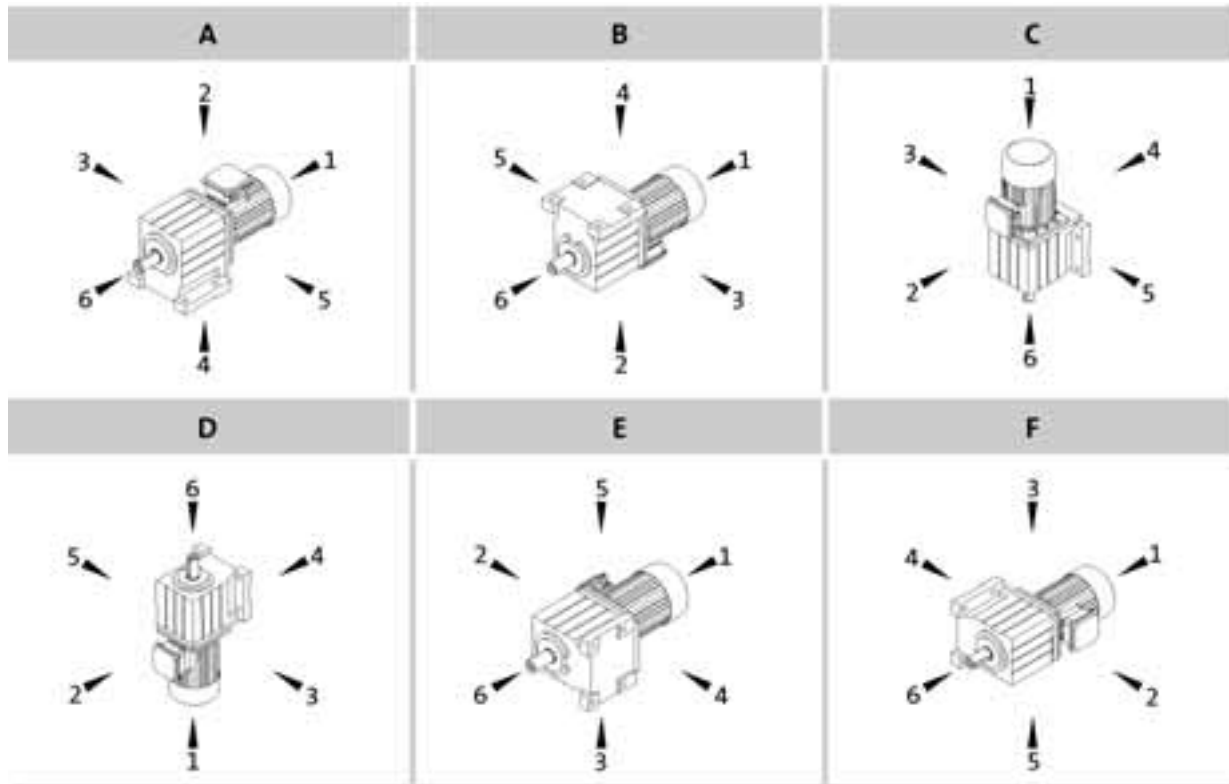
1



	Output design		
	V	K	L
	d x l [mm]	Φa2 [mm]	Φa2 [mm]
GST03-2	14x28	120/140/160	
	20x40	120/140/160	
GST04-1	16x32	120/140/160	
GST04-2	20x40	120/140/160	120/140
GST05-1	20x40	120/140/160/200	
GST05-2/3	25x50	120/140/160/200	120/140/160
GST06-1	25x50	160/200	

	Output design		
	V	K	L
	d x l [mm]	Φa2 [mm]	Φa2 [mm]
GST06-2/3	30x60	160/200	160/200
GST07-1	30x60	200/250	
GST07-2/3	40x80	200/250	200/250
GST09-1	40x80	250/300	
GST09-2/3	50x100	250/300	250/300
GST11-2/3	60x120	300/350	300/350
GST14-2/3	80x160	350/400	350/400

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



Gearbox designs

Basic versions	
Surfaces and corrosion protection	No OKS (unpainted, aluminium housing for GST03) OKS-G (primer: grey) OKS-S (paint: RAL 7012)
Lubricant	CLP 460 (mineral)
Ventilation	Oil control plugs for GST05 ... 14 Breather elements for GST06 ... 14

Options	
Surfaces and corrosion protection	OKS-G (primer: grey) for GST03-2 OKS-S (special paint according to RAL) OKS-M (special paint according to RAL) OKS-L (special paint according to RAL)
Lubricant	CLP HC 320 (synthetic) CLP HC 220 USDA H1 (synthetic)
Shaft sealing rings	Driven shaft: Viton
Bearings	Driven shaft: reinforced for GST04 ... 09-2/3
Ventilation	Breather elements for GST05 Compensation reservoir for GST09 ... 14-2 in mounting position C
Nameplate	Metal nameplate (loosely enclosed) Adhesive nameplate (loosely enclosed)



Gearbox with mounting flange design N

Mounting flange:

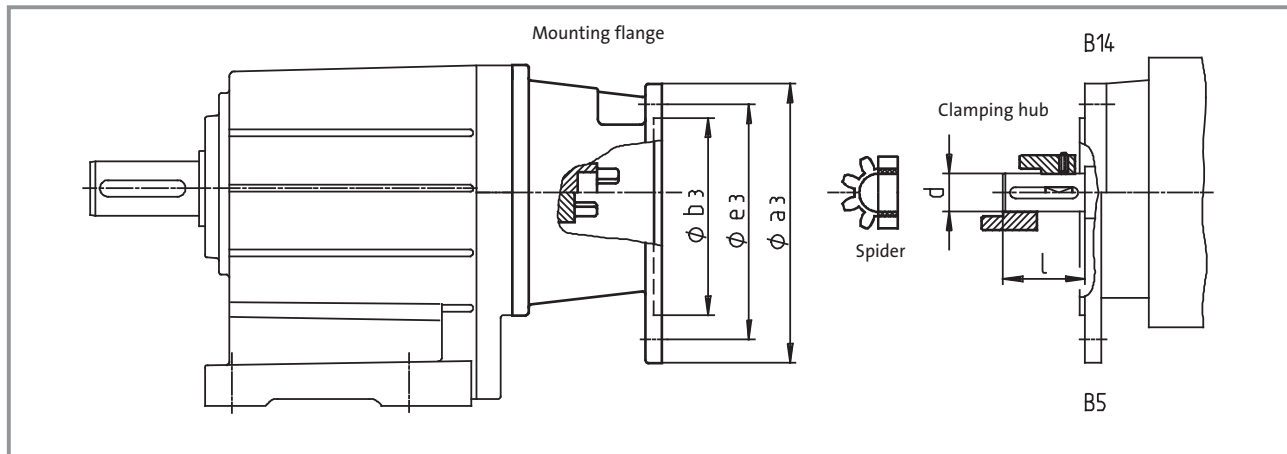
- ▶ Flange dimensions suitable for motors in accordance with IEC 72/DIN 42948 or NEMA
- ▶ Shaft in two bearings
- ▶ Gearbox coupling-half integrated in the shaft

Spider (coupling element):

- ▶ Torsionally rigid
- ▶ Isogonic
- ▶ Low backlash (backlash-free with clamping hub/ clamping ring hub)

Coupling hub:

- ▶ Standard: Coupling hub with keyway for motor shafts in accordance with IEC and NEMA
- ▶ Optional coupling hubs for frequent shocks and load alternation or reduced coupling backlash:
 - Clamping hub with tangential clamping screw for motor shafts with keyway, no backlash
 - Clamping ring hub for motor shafts without keyway, no backlash, recommended in particular for servo motors



Geometric assignments for IEC standard motors

See the selection tables for gearboxes with mounting flanges for the permissible input powers and output torques.

IEC motors			Lenze drive size	Coupling hub		Mounting flange			Dimensions		
Size	Design	Flange size		Standard/clamping hub	Clamping ring hub	Flange	Pitch circle	Centring	d	l_{min}	l_{max}
					a_3	e_3	b_3				
63	B14	C90	1A/2B	●	●	90	75	60	11	23	23
		C160	6C	● ¹⁾		160	130	110		23	40
71	B14	C105	1B/3C	●	●	105	85	70	14	30	30
		C120	4C	●	●	120	100	80		25	40
		C160	2C	●	●	160	130	110		25	40
80	B14	C120	7C	●	●	120	100	80	19	25	40
			1C							25	40
		C160	2D	●	●	160	130	110		40	50
			3E							30	60
90	B14	C160	1D	●		160	130	110	24	50	50
			2E/2F	●	●					30	60
	B5	A200	4E/3F	●	●	188	165	130		50	50
100	B14	C160	1E/1F	●	●	160	130	110	28	30	60
112	B5	A250	2G	●	●	250	215	180		60	60
132	B5	A250	3G	●	●	250	215	180	38	80	80
			A300	1G/3H	●					●	300
160	B5	A350	1H	●	●	350	300	250	42	110	110
180	B5	A350	2H	●	●	350	300	250	48	110	110
200	B5	A400	1K	●	●	400	350	300	55	110	110
225	B5	A450	2K	●	●	450	400	350	60	140	140

Dimensions in [mm]

¹⁾ Only clamping hub possible

Helical gearbox selection table

Gearbox with mounting flange

$M_2 \text{ perm} \leq 73 \text{ Nm}$				GST04-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 2800 \text{ rpm}$			$n_1 = 3360 \text{ rpm}$				
GST04 - 2N □□□	1A			6.400	1.03	22	438	1.03	18	525		C, D
	63			9.856	1.03	34	284	1.03	28	341		C, D
	90			11.200	1.03	38	250	1.03	32	300		C, D
				12.571	0.96	40	223	0.96	33	267		C, D
				14.286	0.96	45	196	0.96	38	235		C, D
				19.360	1.01	65	145	1.01	54	174		C, D
				22.000	0.79	57	127	0.79	48	153		C, D
				24.933	0.80	66	112	0.80	55	135		C, D
				28.333	0.62	59	99	0.62	49	119		C, D
				31.600	0.64	67	89	0.64	56	106		C, D
				35.909	0.50	59	78	0.50	49	94		C, D
				39.600	0.51	67	71	0.51	56	85		C, D
				45.000	0.44	65	62	0.45	56	75		C, D
				52.171	0.40	69	54	0.41	59	64		C, D
				59.286	0.34	66	47	0.35	56	57		C, D
GST04 - 2N □□□	□B			2.956	2.23	22	947	2.08	17	1137		C, D
	1B	2B	5B	3.333	2.23	25	840	2.08	19	1008		C, D
	71	63	56C	4.053	2.23	30	691	2.08	23	829		C, D
	105	90	Nema	4.571	2.23	34	613	2.08	26	735		C, D
				5.187	2.23	38	540	2.08	30	648		C, D
				5.850	2.23	43	479	2.08	33	574		C, D
				6.400	2.11	45	438	2.08	37	525		C, D
				7.040	1.98	46	398	1.98	38	477		C, D
				8.000	1.80	48	350	1.80	40	420		C, D
				9.010	1.71	51	311	1.71	42	373		C, D
				9.856	1.61	53	284	1.61	44	341		C, D
				11.200	1.31	49	250	1.31	41	300		C, D
				12.571	1.35	56	223	1.35	47	267		C, D
				14.286	1.04	49	196	1.04	41	235		C, D
				15.400	1.26	64	182	1.26	54	218		C, D
				17.500	0.98	57	160	0.98	47	192		C, D
				19.360	1.01	65	145	1.01	54	174		C, D
				22.000	0.79	57	127	0.79	48	153		C, D
				24.933	0.80	66	112	0.80	55	135		C, D
				28.333	0.62	59	99	0.62	49	119		C, D
GST04 - 2N □□□	□C			2.956	3.04	30	947	2.82	23	1137		C, D
	1C	2C	3C	3.333	3.04	33	840	2.82	26	1008		C, D
	80	71	71	4.053	2.72	37	691	2.72	30	829		C, D
	160	160	105	4.571	2.58	39	613	2.58	32	735		C, D
				5.187	2.37	41	540	2.37	34	648		C, D
				5.850	2.23	43	479	2.23	36	574		C, D
				6.400	2.11	45	438	2.11	37	525		C, D
				7.040	1.98	46	398	1.98	38	477		C, D
				8.000	1.80	48	350	1.80	40	420		C, D
				9.010	1.71	51	311	1.71	42	373		C, D
				9.856	1.61	53	284	1.61	44	341		C, D
				11.200	1.31	49	250	1.31	41	300		C, D
				12.571	1.35	56	223	1.35	47	267		C, D
				14.286	1.04	49	196	1.04	41	235		C, D
				15.400	1.26	64	182	1.26	54	218		C, D
				17.500	0.98	57	160	0.98	47	192		C, D
				19.360	1.01	65	145	1.01	54	174		C, D
				22.000	0.79	57	127	0.79	48	153		C, D
				24.933	0.80	66	112	0.80	55	135		C, D
				28.333	0.62	59	99	0.62	49	119		C, D

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange



$M_2 \text{ perm} \leq 73 \text{ Nm}$				GST04-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 2800 \text{ rpm}$			$n_1 = 3360 \text{ rpm}$				
GST04 - 2N □□□ □D				2.956	3.25	32	947	3.25	26	1137		C, D
1D	2D	5D		3.333	3.08	34	840	3.08	28	1008		C, D
90	80	143/145TC		4.053	2.72	37	691	2.72	30	829		C, D
160	160	Nema		4.571	2.58	39	613	2.58	32	735		C, D
				5.187	2.37	41	540	2.37	34	648		C, D
				5.850	2.23	43	479	2.23	36	574		C, D
				6.400	2.11	45	438	2.11	37	525		C, D
				7.040	1.98	46	398	1.98	38	477		C, D
				8.000	1.80	48	350	1.80	40	420		C, D
				9.010	1.71	51	311	1.71	42	373		C, D
				9.856	1.61	53	284	1.61	44	341		C, D
				11.200	1.31	49	250	1.31	41	300		C, D
				12.571	1.35	56	223	1.35	47	267		C, D
				14.286	1.04	49	196	1.04	41	235		C, D
				15.400	1.26	64	182	1.26	54	218		C, D
				17.500	0.98	57	160	0.98	47	192		C, D
					$n_1 = 1400 \text{ rpm}$			$n_1 = 1680 \text{ rpm}$				
GST04 - 2N □□□ 1A				6.400	0.63	27	219	0.73	26	263		
63				9.856	0.63	41	142	0.73	40	171		
90				11.200	0.63	47	125	0.73	45	150		
				12.571	0.59	49	111	0.68	47	134		
				14.286	0.59	56	98	0.68	54	118		
				19.360	0.55	70	72	0.66	70	87		
				22.000	0.43	62	64	0.51	62	76		
				24.933	0.43	71	56	0.52	71	67		
				28.333	0.34	63	49	0.41	63	59		
				31.600	0.35	72	44	0.41	72	53		
				35.909	0.27	64	39	0.32	64	47		
				39.600	0.28	73	35	0.33	73	42		
				45.000	0.22	65	31	0.26	65	37		
				52.171	0.20	69	27	0.24	69	32		
				59.286	0.17	66	24	0.20	66	28		
GST04 - 2N □□□ □B				2.956	1.37	27	474	1.59	26	568		
1B	2B	5B		3.333	1.37	30	420	1.59	29	504		
71	63	56C		4.053	1.37	37	345	1.59	36	415		
105	90	Nema		4.571	1.37	42	306	1.59	40	368		
				5.187	1.37	47	270	1.59	45	324		
				5.850	1.37	53	239	1.59	51	287		
				6.400	1.30	55	219	1.50	53	263		
				7.040	1.22	57	199	1.41	55	239		
				8.000	1.11	59	175	1.28	57	210		
				9.010	1.05	63	155	1.21	60	187		
				9.856	0.99	65	142	1.15	62	171		
				11.200	0.81	60	125	0.94	58	150		
				12.571	0.83	69	111	0.96	67	134		
				14.286	0.64	61	98	0.74	59	118		
				15.400	0.68	70	91	0.82	70	109		
				17.500	0.53	62	80	0.64	62	96		
				19.360	0.55	70	72	0.66	70	87		
				22.000	0.43	62	64	0.51	62	76		
				24.933	0.43	71	56	0.52	71	67		
				28.333	0.34	63	49	0.41	63	59		
				31.600	0.35	72	44	0.41	72	53		
				35.909	0.27	64	39	0.32	64	47		
				39.600	0.28	73	35	0.33	73	42		
				45.000	0.22	65	31	0.26	65	37		

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange

$M_2 \text{ perm} \leq 73 \text{ Nm}$								GST04-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter							i	50 Hz			60 Hz			50 Hz	60 Hz
	P _{1 perm}	M _{2 perm}	n ₂	P _{1 perm}	M _{2 perm}	n ₂	P _{1 perm}		M _{2 perm}	n ₂	Consultation required for mounting position					
								[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]			
								n₁ = 1400 rpm			n₁ = 1680 rpm					
GST04 - 2N □□□ □C							2.956	1.87	37	474	2.16	35	568			
1C	2C	3C	4C	5C	6C	7C	3.333	1.87	41	420	2.16	40	504			
80	71	71	71	56C	63	80	4.053	1.68	45	345	1.94	43	415			
160	160	105	120	Nema	160	120	4.571	1.59	48	306	1.83	46	368			
							5.187	1.46	50	270	1.68	48	324			
							5.850	1.38	53	239	1.59	51	287			
							6.400	1.30	55	219	1.50	53	263			
							7.040	1.22	57	199	1.41	55	239			
							8.000	1.11	59	175	1.28	57	210			
							9.010	1.05	63	155	1.21	60	187			
							9.856	0.99	65	142	1.15	62	171			
							11.200	0.81	60	125	0.94	58	150			
							12.571	0.83	69	111	0.96	67	134			
							14.286	0.64	61	98	0.74	59	118			
							15.400	0.68	70	91	0.82	70	109			
							17.500	0.53	62	80	0.64	62	96			
							19.360	0.55	70	72	0.66	70	87			
							22.000	0.43	62	64	0.51	62	76			
							24.933	0.43	71	56	0.52	71	67			
							28.333	0.34	63	49	0.41	63	59			
								n₁ = 700 rpm			n₁ = 840 rpm					
GST04 - 2N □□□ 1A							6.400	0.32	27	109	0.38	27	131			
63							9.856	0.32	41	71	0.38	41	85			
90							11.200	0.32	47	63	0.38	47	75			
							12.571	0.30	49	56	0.35	49	67			
							14.286	0.30	56	49	0.35	56	59			
							19.360	0.27	70	36	0.33	70	43			
							22.000	0.21	62	32	0.26	62	38			
							24.933	0.22	71	28	0.26	71	34			
							28.333	0.17	63	25	0.20	63	30			
							31.600	0.17	72	22	0.21	72	27			
							35.909	0.13	64	20	0.16	64	23			
							39.600	0.14	73	18	0.17	73	21			
							45.000	0.11	65	16	0.13	65	19			
							52.171	0.10	69	13	0.12	69	16			
							59.286	0.08	66	12	0.10	66	14			

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange



$M_2 \text{ perm} \leq 73 \text{ Nm}$				GST04-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 700 \text{ rpm}$			$n_1 = 840 \text{ rpm}$				
GST04 - 2N □□□ □B	1B 2B 5B 71 63 56C 105 90 Nema			2.956	0.73	28	237	0.87	28	284		
				3.333	0.73	32	210	0.87	32	252		
				4.053	0.73	39	173	0.87	39	207		
				4.571	0.73	44	153	0.87	44	184		
				5.187	0.73	50	135	0.87	50	162		
				5.850	0.69	53	120	0.83	53	144		
				6.400	0.65	55	109	0.78	55	131		
				7.040	0.61	57	99	0.73	57	119		
				8.000	0.56	59	88	0.67	59	105		
				9.010	0.53	63	78	0.63	63	93		
				9.856	0.50	65	71	0.60	65	85		
				11.200	0.40	60	63	0.49	60	75		
				12.571	0.42	69	56	0.50	69	67		
				14.286	0.32	61	49	0.39	61	59		
				15.400	0.34	70	46	0.41	70	55		
				17.500	0.27	62	40	0.32	62	48		
				GST04 - 2N □□□ □C	1C 2C 3C 4C 5C 6C 7C 80 71 71 71 56C 63 80 160 160 105 120 Nema 160 120			2.956	1.00	39	237	1.20
3.333	0.95	42	210					1.14	42	252		
4.053	0.84	45	173					1.01	45	207		
4.571	0.79	48	153					0.95	48	184		
5.187	0.73	50	135					0.87	50	162		
5.850	0.69	53	120					0.83	53	144		
6.400	0.65	55	109					0.78	55	131		
7.040	0.61	57	99					0.73	57	119		
8.000	0.56	59	88					0.67	59	105		
9.010	0.53	63	78					0.63	63	93		
9.856	0.50	65	71					0.60	65	85		
11.200	0.40	60	63					0.49	60	75		
12.571	0.42	69	56					0.50	69	67		
14.286	0.32	61	49					0.39	61	59		
15.400	0.34	70	46					0.41	70	55		
17.500	0.27	62	40					0.32	62	48		
GST04 - 2N □□□ □D	1D 2D 5D 90 80 143/145TC 160 160 Nema							2.956	1.00	39	237	1.20
				3.333	0.95	42	210	1.14	42	252		
				4.053	0.84	45	173	1.01	45	207		
				4.571	0.79	48	153	0.95	48	184		
				5.187	0.73	50	135	0.87	50	162		
				5.850	0.69	53	120	0.83	53	144		
				6.400	0.65	55	109	0.78	55	131		
				7.040	0.61	57	99	0.73	57	119		
				8.000	0.56	59	88	0.67	59	105		
				9.010	0.53	63	78	0.63	63	93		
				9.856	0.50	65	71	0.60	65	85		
				11.200	0.40	60	63	0.49	60	75		
				12.571	0.42	69	56	0.50	69	67		
				14.286	0.32	61	49	0.39	61	59		
				15.400	0.34	70	46	0.41	70	55		
				17.500	0.27	62	40	0.32	62	48		

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange

$M_2 \text{ perm} \leq 165 \text{ Nm}$				GST05-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 2800 \text{ rpm}$			$n_1 = 3360 \text{ rpm}$				
GST05 - 2N □□□ □B				6.400	2.23	47	438	2.08	37	525		C, D
1B 5B				7.238	2.23	53	387	2.08	41	464		C, D
71 56C				8.163	2.23	60	343	2.08	47	412		C, D
105 Nema				11.200	2.23	83	250	2.08	64	300		C, D
				13.016	1.73	75	215	1.73	62	258		C, D
				14.356	1.45	69	195	1.45	57	234		C, D
				16.190	1.65	88	173	1.65	74	208		C, D
				20.044	1.97	131	140	1.97	109	168		C, D
				22.778	1.76	133	123	1.76	111	148		C, D
				24.933	1.65	136	112	1.65	113	135		C, D
				28.333	1.45	136	99	1.45	113	119		C, D
				32.267	1.32	141	87	1.32	118	104		C, D
				36.667	1.13	137	76	1.13	114	92		C, D
				39.160	1.10	143	72	1.10	119	86		C, D
				44.500	1.01	149	63	1.04	127	76		C, D
				50.050	0.82	136	56	0.84	116	67		C, D
				56.875	0.80	150	49	0.82	128	59		C, D
GST05 - 2N □□□ □C				5.187	3.04	52	540	2.82	40	648		C, D
1C 2C 3C 4C 5C 6C 7C				5.850	3.04	59	479	2.82	46	574		C, D
80 71 71 71 56C 63 80				6.400	3.04	64	438	2.82	50	525		C, D
160 160 105 120 Nema 160 120				7.238	3.04	73	387	2.82	56	464		C, D
				8.163	3.04	82	343	2.82	64	412		C, D
				9.010	3.04	91	311	2.82	70	373		C, D
				10.000	3.04	100	280	2.82	78	336		C, D
				11.200	2.80	104	250	2.80	86	300		C, D
				13.016	2.59	111	215	2.59	93	258		C, D
				14.356	2.25	107	195	2.25	89	234		C, D
				16.190	2.56	137	173	2.56	114	208		C, D
				17.500	2.26	131	160	2.26	109	192		C, D
				20.044	2.22	147	140	2.22	123	168		C, D
				22.778	1.76	133	123	1.76	111	148		C, D
				24.933	1.81	149	112	1.81	125	135		C, D
				28.333	1.45	136	99	1.45	113	119		C, D
				32.267	1.42	151	87	1.42	126	104		C, D
				36.667	1.13	137	76	1.13	114	92		C, D
				39.160	1.17	152	72	1.17	127	86		C, D
				44.500	1.01	149	63	1.04	127	76		C, D
GST05 - 2N □□□ □D				2.956	3.75	37	947	3.49	28	1137		C, D
1D 2D 5D				3.333	3.75	41	840	3.49	32	1008		C, D
90 80 143/145TC				4.053	3.75	50	691	3.49	39	829		C, D
160 160 Nema				4.571	3.75	57	613	3.49	44	735		C, D
				5.187	3.75	64	540	3.49	50	648		C, D
				5.850	3.75	73	479	3.49	56	574		C, D
				6.400	3.75	79	438	3.49	62	525		C, D
				7.238	3.67	88	387	3.49	70	464		C, D
				8.163	3.46	93	343	3.46	78	412		C, D
				9.010	3.24	96	311	3.24	80	373		C, D
				10.000	3.05	101	280	3.05	84	336		C, D
				11.200	2.80	104	250	2.80	86	300		C, D
				13.016	2.59	111	215	2.59	93	258		C, D
				14.356	2.39	113	195	2.39	95	234		C, D
				16.190	2.56	137	173	2.56	114	208		C, D
				17.500	2.26	131	160	2.26	109	192		C, D
				20.044	2.22	147	140	2.22	123	168		C, D
				22.778	1.76	133	123	1.76	111	148		C, D
				24.933	1.81	149	112	1.81	125	135		C, D
				28.333	1.45	136	99	1.45	113	119		C, D

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange



$M_2 \text{ perm} \leq 165 \text{ Nm}$							GST05-2N □□□									
Gearbox	Mounting flange size						i	50 Hz			60 Hz			50 Hz	60 Hz	
	Motor frame size							$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2			Consultation required for mounting position
	Flange diameter							[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]			
GST05 - 2N □□□ □E								$n_1 = 2800 \text{ rpm}$			$n_1 = 3360 \text{ rpm}$					
	1E	1E	2E	3E	4E	5E	2.956	5.24	51	947	5.24	43	1137		C, D	
	100	112	90	80	90	182/184TC	3.333	5.74	63	840	5.74	53	1008		C, D	
	160	160	160	160	200	Nema	4.053	4.92	66	691	4.92	55	829		C, D	
							4.571	4.90	74	613	4.90	62	735		C, D	
							5.187	4.25	73	540	4.25	61	648		C, D	
							5.850	4.25	82	479	4.25	69	574		C, D	
							6.400	4.02	85	438	4.02	71	525		C, D	
							7.238	3.67	88	387	3.67	73	464		C, D	
							8.163	3.46	93	343	3.46	78	412		C, D	
							9.010	3.24	96	311	3.24	80	373		C, D	
							10.000	3.05	101	280	3.05	84	336		C, D	
							11.200	2.80	104	250	2.80	86	300		C, D	
							17.500	2.26	131	160	2.26	109	192		C, D	
GST05 - 2N □□□ □B								$n_1 = 1400 \text{ rpm}$			$n_1 = 1680 \text{ rpm}$					
	1B	5B					6.400	1.37	58	219	1.59	56	263			
	71	56C					7.238	1.37	66	193	1.59	63	232			
	105	Nema					8.163	1.37	74	172	1.59	71	206			
							11.200	1.37	102	125	1.59	98	150			
							13.016	1.07	92	108	1.23	88	129			
							14.356	0.89	85	98	1.03	82	117			
							16.190	0.89	96	87	1.07	96	104			
							20.044	1.07	142	70	1.28	142	84			
							22.778	0.96	144	62	1.15	144	74			
							24.933	0.89	147	56	1.07	147	67			
							28.333	0.78	147	49	0.94	147	59			
							32.267	0.72	153	43	0.86	153	52			
							36.667	0.61	148	38	0.73	148	46			
							39.160	0.60	155	36	0.72	155	43			
							44.500	0.51	149	32	0.61	149	38			
							50.050	0.41	136	28	0.49	136	34			
							56.875	0.40	150	25	0.48	150	30			
GST05 - 2N □□□ □C								$n_1 = 1400 \text{ rpm}$			$n_1 = 1680 \text{ rpm}$					
	1C	2C	3C	4C	5C	6C	7C	5.187	1.87	64	270	2.16	62	324		
	80	71	71	71	56C	63	80	5.850	1.87	72	239	2.16	70	287		
	160	160	105	120	Nema	160	120	6.400	1.87	79	219	2.16	76	263		
								7.238	1.87	90	193	2.16	86	232		
								8.163	1.87	101	172	2.16	97	206		
								9.010	1.87	111	155	2.16	107	187		
								10.000	1.87	124	140	2.16	119	168		
								11.200	1.72	128	125	1.99	123	150		
								13.016	1.59	137	108	1.84	132	129		
								14.356	1.39	132	98	1.60	127	117		
								16.190	1.39	148	87	1.66	148	104		
								17.500	1.23	142	80	1.47	142	96		
								20.044	1.20	159	70	1.44	159	84		
								22.778	0.96	144	62	1.15	144	74		
								24.933	0.98	162	56	1.18	162	67		
								28.333	0.78	147	49	0.94	147	59		
								32.267	0.77	164	43	0.92	164	52		
								36.667	0.61	148	38	0.73	148	46		
								39.160	0.64	165	36	0.76	165	43		
								44.500	0.51	149	32	0.61	149	38		
GST05 - 2N □□□ □D								$n_1 = 1400 \text{ rpm}$			$n_1 = 1680 \text{ rpm}$					
	1D	2D	5D				2.956	2.31	45	474	2.67	43	568			
	90	80	143/145TC				3.333	2.31	51	420	2.67	49	504			
	160	160	Nema				4.053	2.31	62	345	2.67	60	415			
							4.571	2.31	70	306	2.67	67	368			
							5.187	2.31	79	270	2.67	76	324			
							5.850	2.31	89	239	2.67	86	287			
							6.400	2.31	98	219	2.67	94	263			
							7.238	2.26	108	193	2.61	104	232			
							8.163	2.13	115	172	2.46	111	206			
							9.010	1.99	119	155	2.30	114	187			

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange

$M_2 \text{ perm} \leq 165 \text{ Nm}$				GST05-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 1400 \text{ rpm}$			$n_1 = 1680 \text{ rpm}$				
GST05 - 2N □□□ □D				10.000	1.88	124	140	2.17	120	168		
1D 2D 5D				11.200	1.72	128	125	1.99	123	150		
90 80 143/145TC				13.016	1.59	137	108	1.84	132	129		
160 160 Nema				14.356	1.47	140	98	1.70	135	117		
				16.190	1.39	148	87	1.66	148	104		
				17.500	1.23	142	80	1.47	142	96		
				20.044	1.20	159	70	1.44	159	84		
				22.778	0.96	144	62	1.15	144	74		
				24.933	0.98	162	56	1.18	162	67		
				28.333	0.78	147	49	0.94	147	59		
GST05 - 2N □□□ □E				2.956	3.23	63	474	3.73	61	568		
1E 1E 2E 3E 4E 5E				3.333	3.54	78	420	4.09	75	504		
100 112 90 80 90 182/184TC				4.053	3.03	81	345	3.50	78	415		
160 160 160 160 200 Nema				4.571	3.02	91	306	3.49	88	368		
				5.187	2.62	90	270	3.03	87	324		
				5.850	2.62	101	239	3.02	98	287		
				6.400	2.47	105	219	2.86	101	263		
				7.238	2.26	108	193	2.61	104	232		
				8.163	2.13	115	172	2.46	111	206		
				9.010	1.99	119	155	2.30	114	187		
				10.000	1.88	124	140	2.17	120	168		
				11.200	1.72	128	125	1.99	123	150		
				17.500	1.23	142	80	1.47	142	96		
					$n_1 = 700 \text{ rpm}$			$n_1 = 840 \text{ rpm}$				
GST05 - 2N □□□ □B				6.400	0.73	62	109	0.87	62	131		
1B 5B				7.238	0.77	74	97	0.93	74	116		
71 56C				8.163	0.77	83	86	0.93	83	103		
105 Nema				11.200	0.73	108	63	0.87	108	75		
				13.016	0.53	92	54	0.64	92	65		
				14.356	0.45	85	49	0.54	85	59		
				16.190	0.45	96	43	0.54	96	52		
				20.044	0.53	142	35	0.64	142	42		
				22.778	0.48	144	31	0.57	144	37		
				24.933	0.45	147	28	0.54	147	34		
				28.333	0.39	147	25	0.47	147	30		
				32.267	0.36	153	22	0.43	153	26		
				36.667	0.30	148	19	0.37	148	23		
				39.160	0.30	155	18	0.36	155	22		
				44.500	0.25	149	16	0.30	149	19		
				50.050	0.20	136	14	0.25	136	17		
				56.875	0.20	150	12	0.24	150	15		
GST05 - 2N □□□ □C				5.187	1.25	86	135	1.50	86	162		
1C 2C 3C 4C 5C 6C 7C				5.850	1.25	96	120	1.50	96	144		
80 71 71 71 56C 63 80				6.400	1.24	105	109	1.48	105	131		
160 160 105 120 Nema 160 120				7.238	1.13	108	97	1.36	108	116		
				8.163	1.07	115	86	1.28	115	103		
				9.010	1.00	119	78	1.20	119	93		
				10.000	0.94	124	70	1.13	124	84		
				11.200	0.86	128	63	1.03	128	75		
				13.016	0.80	137	54	0.96	137	65		
				14.356	0.69	132	49	0.83	132	59		
				16.190	0.69	148	43	0.83	148	52		
				17.500	0.61	142	40	0.74	142	48		
				20.044	0.60	159	35	0.72	159	42		
				22.778	0.48	144	31	0.57	144	37		
				24.933	0.49	162	28	0.59	162	34		
				28.333	0.39	147	25	0.47	147	30		
				32.267	0.38	164	22	0.46	164	26		
				36.667	0.30	148	19	0.37	148	23		
				39.160	0.32	165	18	0.38	165	22		
				44.500	0.25	149	16	0.30	149	19		

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange



$M_2 \text{ perm} \leq 165 \text{ Nm}$				GST05-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	Consultation required for mounting position	
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 700 \text{ rpm}$			$n_1 = 840 \text{ rpm}$				
GST05 - 2N □□□ □D				2.956	1.54	60	237	1.85	60	284		
1D 2D 5D				3.333	1.54	68	210	1.85	68	252		
90 80 143/145TC				4.053	1.51	81	173	1.82	81	207		
160 160 Nema				4.571	1.51	91	153	1.81	91	184		
				5.187	1.31	90	135	1.57	90	162		
				5.850	1.31	101	120	1.57	101	144		
				6.400	1.24	105	109	1.48	105	131		
				7.238	1.13	108	97	1.36	108	116		
				8.163	1.07	115	86	1.28	115	103		
				9.010	1.00	119	78	1.20	119	93		
				10.000	0.94	124	70	1.13	124	84		
				11.200	0.86	128	63	1.03	128	75		
				13.016	0.80	137	54	0.96	137	65		
				14.356	0.74	140	49	0.88	140	59		
				16.190	0.69	148	43	0.83	148	52		
				17.500	0.61	142	40	0.74	142	48		
				20.044	0.60	159	35	0.72	159	42		
				22.778	0.48	144	31	0.57	144	37		
				24.933	0.49	162	28	0.59	162	34		
				28.333	0.39	147	25	0.47	147	30		
GST05 - 2N □□□ □E				2.956	1.61	63	237	1.94	63	284		
1E 1E 2E 3E 4E 5E				3.333	1.77	78	210	2.12	78	252		
100 112 90 80 90 182/184TC				4.053	1.51	81	173	1.82	81	207		
160 160 160 160 200 Nema				4.571	1.51	91	153	1.81	91	184		
				5.187	1.31	90	135	1.57	90	162		
				5.850	1.31	101	120	1.57	101	144		
				6.400	1.24	105	109	1.48	105	131		
				7.238	1.13	108	97	1.36	108	116		
				8.163	1.07	115	86	1.28	115	103		
				9.010	1.00	119	78	1.20	119	93		
				10.000	0.94	124	70	1.13	124	84		
				11.200	0.86	128	63	1.03	128	75		
				17.500	0.61	142	40	0.74	142	48		

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange

$M_2 \text{ perm} \leq 368 \text{ Nm}$				GST06-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 2800 \text{ rpm}$			$n_1 = 3360 \text{ rpm}$				
GST06 - 2N □□□ □B				32.267	1.63	174	87	1.63	145	104		C, D
1B	5B			36.667	1.63	197	76	1.63	164	92		C, D
71	56C			39.160	1.36	176	72	1.36	147	86		C, D
105	Nema			44.500	1.47	217	63	1.51	185	76		C, D
				49.500	1.18	193	57	1.21	165	68		C, D
				56.250	1.18	220	50	1.21	187	60		C, D
GST06 - 2N □□□ □C				8.163	3.04	82	343	2.82	64	412		C, D
1C	2C	3C	4C	5C	6C	7C		2.82	98	267		C, D
80	71	71	71	56C	63	80		2.82	111	235		C, D
160	160	105	120	Nema	160	120		3.21	177	168		C, D
								3.21	202	148		C, D
								3.16	217	135		C, D
								3.12	244	119		C, D
								2.53	225	104		C, D
								2.45	248	92		C, D
								2.11	228	86		C, D
								2.21	277	76		C, D
								1.69	237	68		C, D
								1.69	269	60		C, D
GST06 - 2N □□□ □D				5.324	3.75	66	526	3.49	51	631		C, D
1D	2D	5D		5.850	3.75	73	479	3.49	56	574		C, D
90	80	143/145TC		6.400	3.75	79	438	3.49	62	525		C, D
160	160	Nema		8.163	3.75	101	343	3.49	79	412		C, D
				9.010	3.75	112	311	3.49	87	373		C, D
				10.000	3.75	124	280	3.49	96	336		C, D
				11.200	3.75	139	250	3.49	108	300		C, D
				12.571	3.75	156	223	3.49	121	267		C, D
				14.286	3.75	177	196	3.49	137	235		C, D
				15.400	4.26	217	182	3.96	168	218		C, D
				17.500	4.26	247	160	3.96	191	192		C, D
				20.044	4.26	283	140	3.96	219	168		C, D
				22.778	3.86	291	123	3.86	242	148		C, D
				24.933	4.03	332	112	3.96	272	135		C, D
				28.333	3.12	293	99	3.12	244	119		C, D
				32.267	3.14	335	87	3.14	279	104		C, D
				36.667	2.45	297	76	2.45	248	92		C, D
				39.160	2.62	340	72	2.62	283	86		C, D
				44.500	2.21	325	63	2.26	277	76		C, D
GST06 - 2N □□□ □E				3.033	10.72	108	923	9.97	83	1108		C, D
1E	1E	2E	3E	4E	5E			9.97	92	1008		C, D
100	112	90	80	90	182/184TC			9.97	114	808		C, D
160	160	160	160	200	Nema			9.97	126	735		C, D
								9.56	140	631		C, D
								9.30	150	574		C, D
								8.79	155	525		C, D
								8.24	160	477		C, D
								7.56	170	412		C, D
								7.11	177	373		C, D
								6.61	182	336		C, D
								6.14	190	300		C, D
								5.76	200	267		C, D
								5.27	208	235		C, D
								5.76	244	218		C, D
								4.99	241	192		C, D
								4.87	269	168		C, D
								3.86	242	148		C, D
								4.03	277	135		C, D
								3.12	244	119		C, D

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange



$M_2 \text{ perm} \leq 368 \text{ Nm}$				GST06-2N □□□										
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz		
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2			Consultation required for mounting position	
				$n_1 = 2800 \text{ rpm}$			$n_1 = 3360 \text{ rpm}$							
				$n_1 = 1400 \text{ rpm}$			$n_1 = 1680 \text{ rpm}$							
GST06 - 2N □□□ □F	1F 1F 2F 3F 100 112 90 90 160 160 160 200	3.033	10.72	108	923							C, D		
		3.333	10.72	118	840								C, D	
		4.160	10.72	148	673								C, D	
		4.571	10.72	162	613								C, D	
		5.324	9.56	168	526								C, D	
		5.850	9.30	180	479								C, D	
		6.400	8.79	186	438								C, D	
		7.040	8.24	192	398								C, D	
		8.163	7.56	204	343								C, D	
		9.010	7.11	212	311								C, D	
		10.000	6.61	219	280								C, D	
		11.200	6.14	228	250								C, D	
		12.571	5.76	240	223								C, D	
		14.286	5.27	249	196								C, D	
		15.400	5.76	293	182								C, D	
17.500	4.99	289	160								C, D			
GST06 - 2N □□□ □B	1B 5B 71 56C 105 Nema	32.267	0.88	188	43	1.06	188	52						
		36.667	0.88	214	38	1.06	214	46						
		39.160	0.74	191	36	0.88	191	43						
		44.500	0.74	217	32	0.88	217	38						
		49.500	0.59	193	28	0.71	193	34						
		56.250	0.59	220	25	0.71	220	30						
		GST06 - 2N □□□ □C	1C 2C 3C 4C 5C 6C 7C 80 71 71 71 56C 63 80 160 160 105 120 Nema 160 120	8.163	1.87	101	172	2.16	97	206				
12.571	1.87			156	111	2.16	150	134						
14.286	1.87			177	98	2.16	170	118						
20.044	1.87			248	70	2.24	248	84						
22.778	1.87			282	62	2.24	282	74						
24.933	1.71			282	56	2.05	282	67						
28.333	1.69			317	49	2.03	317	59						
32.267	1.37			293	43	1.65	293	52						
36.667	1.33			322	38	1.59	322	46						
39.160	1.15			297	36	1.37	297	43						
44.500	1.10			325	32	1.32	325	38						
49.500	0.85			278	28	1.02	278	34						
56.250	0.85			316	25	1.02	316	30						
GST06 - 2N □□□ □D	1D 2D 5D 90 80 143/145TC 160 160 Nema			5.324	2.31	81	263	2.67	78	316				
				5.850	2.31	89	239	2.67	86	287				
		6.400	2.31	98	219	2.67	94	263						
		8.163	2.31	125	172	2.67	120	206						
		9.010	2.31	138	155	2.67	133	187						
		10.000	2.31	153	140	2.67	147	168						
		11.200	2.31	171	125	2.67	165	150						
		12.571	2.31	192	111	2.67	185	134						
		14.286	2.31	218	98	2.67	210	118						
		15.400	2.31	235	91	2.77	235	109						
		17.500	2.31	267	80	2.77	267	96						
		20.044	2.31	306	70	2.77	306	84						
		22.778	2.09	315	62	2.51	315	74						
		24.933	2.18	360	56	2.62	360	67						
		28.333	1.69	317	49	2.03	317	59						
		32.267	1.70	363	43	2.04	363	52						
		36.667	1.33	322	38	1.59	322	46						
		39.160	1.42	368	36	1.70	368	43						
44.500	1.10	325	32	1.32	325	38								

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange

$M_2 \text{ perm} \leq 368 \text{ Nm}$				GST06-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					P _{1 perm}	M _{2 perm}	n ₂	P _{1 perm}	M _{2 perm}	n ₂		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					n₁ = 1400 rpm			n₁ = 1680 rpm				
GST06 - 2N □□□ □E				3.033	6.60	132	462	7.62	128	554		
1E	1E	2E	3E	3.333	6.60	146	420	7.62	140	504		
100	112	90	80	4.160	6.60	182	337	7.62	175	404		
160	160	160	160	4.571	6.60	200	306	7.62	192	368		
				5.324	5.88	207	263	6.80	200	316		
				5.850	5.73	222	239	6.62	214	287		
				6.400	5.41	229	219	6.25	221	263		
				7.040	5.07	236	199	5.86	227	239		
				8.163	4.66	252	172	5.38	242	206		
				9.010	4.38	261	155	5.06	251	187		
				10.000	4.07	269	140	4.70	259	168		
				11.200	3.78	280	125	4.37	270	150		
				12.571	3.55	295	111	4.10	284	134		
				14.286	3.24	307	98	3.75	295	118		
				15.400	3.12	318	91	3.74	318	109		
				17.500	2.70	313	80	3.24	313	96		
				20.044	2.64	350	70	3.17	350	84		
				22.778	2.09	315	62	2.51	315	74		
				24.933	2.18	360	56	2.62	360	67		
				28.333	1.69	317	49	2.03	317	59		
					n₁ = 700 rpm			n₁ = 840 rpm				
GST06 - 2N □□□ □B				32.267	0.44	188	22	0.53	188	26		
1B	5B			36.667	0.44	214	19	0.53	214	23		C, D
71	56C			39.160	0.37	191	18	0.44	191	22		C, D
105	Nema			44.500	0.37	217	16	0.44	217	19		C, D
				49.500	0.29	193	14	0.35	193	17		C, D
				56.250	0.29	220	12	0.35	220	15		C, D
					n₁ = 700 rpm			n₁ = 840 rpm				
GST06 - 2N □□□ □C				8.163	1.25	135	86	1.50	135	103		
1C	2C	3C	4C	12.571	1.25	207	56	1.50	207	67		
80	71	71	71	14.286	1.25	236	49	1.50	236	59		
160	160	105	120	20.044	1.02	271	35	1.23	271	42		
				22.778	1.02	308	31	1.23	308	37		
				24.933	0.86	282	28	1.03	282	34		
				28.333	0.85	317	25	1.01	317	30		
				32.267	0.69	293	22	0.82	293	26		
				36.667	0.66	322	19	0.80	322	23		
				39.160	0.57	297	18	0.69	297	22		
				44.500	0.55	325	16	0.66	325	19		
				49.500	0.42	278	14	0.51	278	17		
				56.250	0.42	316	12	0.51	316	15		

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange



$M_2 \text{ perm} \leq 368 \text{ Nm}$				GST06-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 700 \text{ rpm}$			$n_1 = 840 \text{ rpm}$				
GST06 - 2N □□□ □D				5.324	1.54	108	132	1.85	108	158		
1D 2D 5D				5.850	1.54	119	120	1.85	119	144		
90 80 143/145TC				6.400	1.54	130	109	1.85	130	131		
160 160 Nema				8.163	1.54	166	86	1.85	166	103		
				9.010	1.54	184	78	1.85	184	93		
				10.000	1.54	204	70	1.85	204	84		
				11.200	1.54	228	63	1.85	228	75		
				12.571	1.54	256	56	1.85	256	67		
				14.286	1.54	291	49	1.85	291	59		
				15.400	1.54	314	46	1.85	314	55		
				17.500	1.35	313	40	1.62	313	48		
				20.044	1.32	350	35	1.58	350	42		
				22.778	1.04	315	31	1.25	315	37		
				24.933	1.09	360	28	1.31	360	34		
				28.333	0.85	317	25	1.01	317	30		
				32.267	0.85	363	22	1.02	363	26		
				36.667	0.66	322	19	0.80	322	23		
				39.160	0.71	368	18	0.85	368	22		
				44.500	0.55	325	16	0.66	325	19		
GST06 - 2N □□□ □E				3.033	4.14	166	231	4.97	166	277		
1E 1E 2E 3E 4E 5E				3.333	3.94	174	210	4.73	174	252		
100 112 90 80 90 182/184TC				4.160	3.47	191	168	4.16	191	202		
160 160 160 160 200 Nema				4.571	3.30	200	153	3.96	200	184		
				5.324	2.94	207	132	3.53	207	158		
				5.850	2.86	222	120	3.44	222	144		
				6.400	2.71	229	109	3.25	229	131		
				7.040	2.54	236	99	3.04	236	119		
				8.163	2.33	252	86	2.79	252	103		
				9.010	2.19	261	78	2.63	261	93		
				10.000	2.03	269	70	2.44	269	84		
				11.200	1.89	280	63	2.27	280	75		
				12.571	1.77	295	56	2.13	295	67		
				14.286	1.62	307	49	1.95	307	59		
				15.400	1.56	318	46	1.87	318	55		
				17.500	1.35	313	40	1.62	313	48		
				20.044	1.32	350	35	1.58	350	42		
				22.778	1.04	315	31	1.25	315	37		
				24.933	1.09	360	28	1.31	360	34		
				28.333	0.85	317	25	1.01	317	30		
GST06 - 2N □□□ □F				3.033	4.14	166	231	4.97	166	277		
1F 1F 2F 3F				3.333	3.94	174	210	4.73	174	252		
100 112 90 90				4.160	3.47	191	168	4.16	191	202		
160 160 160 200				4.571	3.30	200	153	3.96	200	184		
				5.324	2.94	207	132	3.53	207	158		
				5.850	2.86	222	120	3.44	222	144		
				6.400	2.71	229	109	3.25	229	131		
				7.040	2.54	236	99	3.04	236	119		
				8.163	2.33	252	86	2.79	252	103		
				9.010	2.19	261	78	2.63	261	93		
				10.000	2.03	269	70	2.44	269	84		
				11.200	1.89	280	63	2.27	280	75		
				12.571	1.77	295	56	2.13	295	67		
				14.286	1.62	307	49	1.95	307	59		
				15.400	1.56	318	46	1.87	318	55		
				17.500	1.35	313	40	1.62	313	48		

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange

$M_2 \text{ perm} \leq 707 \text{ Nm}$								GST07-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter							i	50 Hz			60 Hz			50 Hz	60 Hz
									P _{1 perm}	M _{2 perm}	n ₂	P _{1 perm}	M _{2 perm}	n ₂		
								[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]			
								n₁ = 2800 rpm			n₁ = 3360 rpm					
GST07 - 2N □□□ □C							32.267	3.11	332	87	3.11	277	104		C, D	
1C	2C	3C	4C	5C	6C	7C	36.667	3.11	377	76	3.11	314	92		C, D	
80	71	71	71	56C	63	80	39.160	2.60	336	72	2.60	280	86		C, D	
160	160	105	120	Nema	160	120	44.500	2.81	414	63	2.88	353	76		C, D	
							49.500	2.26	370	57	2.31	315	68		C, D	
							56.250	2.26	420	50	2.31	358	60		C, D	
GST07 - 2N □□□ □D							12.571	3.75	156	223	3.49	121	267		C, D	
1D	2D	5D					14.286	3.75	177	196	3.49	137	235		C, D	
90	80	143/145TC					20.044	4.26	283	140	3.96	219	168		C, D	
160	160	Nema					22.778	4.26	321	123	3.96	249	148		C, D	
							24.567	4.26	346	114	3.96	268	137		C, D	
							27.917	4.26	394	100	3.96	305	120		C, D	
							32.267	4.14	442	87	3.96	353	104		C, D	
							36.667	4.14	502	76	3.96	401	92		C, D	
							39.160	3.45	448	72	3.45	373	86		C, D	
							44.500	3.74	551	63	3.83	470	76		C, D	
							49.500	3.00	492	57	3.07	419	68		C, D	
							56.250	3.00	559	50	3.07	477	60		C, D	
GST07 - 2N □□□ □E							11.200	10.72	397	250	9.97	308	300		C, D	
1E	1E	2E	3E	4E	5E		12.571	10.72	446	223	9.97	345	267		C, D	
100	112	90	80	90	182/184TC		14.286	10.72	507	196	9.97	393	235		C, D	
160	160	160	160	200	Nema		15.400	11.65	594	182	11.32	481	218		C, D	
							17.500	10.83	627	160	10.83	523	192		C, D	
							20.044	9.65	640	140	9.65	534	168		C, D	
							22.778	8.35	629	123	8.35	524	148		C, D	
							24.567	8.01	651	114	8.01	543	137		C, D	
							27.917	6.90	638	100	6.90	531	120		C, D	
							32.267	6.10	651	87	6.10	543	104		C, D	
							36.667	5.34	648	76	5.34	540	92		C, D	
							39.160	4.61	597	72	4.61	498	86		C, D	
							44.500	4.80	707	63	4.91	603	76		C, D	
GST07 - 2N □□□ □F							11.200	10.72	397	250					C, D	
1F	1F	2F	3F				12.571	10.72	446	223					C, D	
100	112	90	90				14.286	10.72	507	196					C, D	
160	160	160	200				15.400	11.65	594	182					C, D	
							17.500	10.83	627	160					C, D	
							20.044	9.65	640	140					C, D	
							22.778	8.35	629	123					C, D	
							24.567	8.01	651	114					C, D	
							27.917	6.90	638	100					C, D	
GST07 - 2N □□□ □G							11.200	13.11	486	250					C, D	
1G	2G	2G	3G	5G			12.571	11.72	488	223					C, D	
132	100	112	132	213/215TC			14.286	11.02	521	196					C, D	
300	250	250	250	Nema			15.400	11.65	594	182					C, D	
							17.500	10.83	627	160					C, D	
								n₁ = 1400 rpm			n₁ = 1680 rpm					
GST07 - 2N □□□ □C							32.267	1.68	360	43	2.02	360	52			
1C	2C	3C	4C	5C	6C	7C	36.667	1.68	409	38	2.02	409	46			
80	71	71	71	56C	63	80	39.160	1.41	365	36	1.69	365	43			
160	160	105	120	Nema	160	120	44.500	1.41	414	32	1.69	414	38			
							49.500	1.13	370	28	1.35	370	34			
							56.250	1.13	420	25	1.35	420	30			
GST07 - 2N □□□ □D							12.571	2.31	192	111	2.67	185	134			
1D	2D	5D					14.286	2.31	218	98	2.67	210	118			
90	80	143/145TC					20.044	2.31	306	70	2.77	306	84			
160	160	Nema					22.778	2.31	348	62	2.77	348	74			
							24.567	2.31	375	57	2.77	375	68			

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange



$M_2 \text{ perm} \leq 707 \text{ Nm}$				GST07-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
				$n_1 = 1400 \text{ rpm}$			$n_1 = 1680 \text{ rpm}$					
				[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]			
GST07 - 2N □□□ □D				27.917	2.31	427	50	2.77	427	60		
1D	2D	5D		32.267	2.24	479	43	2.69	479	52		
90	80	143/145TC		36.667	2.24	544	38	2.69	544	46		
160	160	Nema		39.160	1.87	485	36	2.25	485	43		
				44.500	1.87	551	32	2.25	551	38		
				49.500	1.50	492	28	1.80	492	34		
				56.250	1.50	559	25	1.80	559	30		
GST07 - 2N □□□ □E				5.200	6.60	227	269	7.62	219	323		
1E	1E	2E	3E	5.714	6.60	249	245	7.62	240	294		
100	112	90	80	6.400	6.60	279	219	7.62	269	263		
160	160	160	160	8.800	6.60	384	159	7.62	370	191		
				9.856	6.60	430	142	7.62	414	171		
				11.200	6.60	489	125	7.62	471	150		
				12.571	6.60	549	111	7.62	529	134		
				14.286	6.60	624	98	7.62	601	118		
				15.400	6.31	644	91	7.58	644	109		
				17.500	5.87	680	80	7.04	680	96		
				20.044	5.23	694	70	6.28	694	84		
				22.778	4.52	682	62	5.43	682	74		
				24.567	4.34	706	57	5.21	706	68		
				27.917	3.74	691	50	4.49	691	60		
				32.267	3.31	706	43	3.97	706	52		
				36.667	2.89	702	38	3.47	702	46		
				39.160	2.50	647	36	3.00	647	43		
				44.500	2.40	707	32	2.88	707	38		
GST07 - 2N □□□ □F				3.048	6.60	133	459	7.62	128	551		C, D
1F	1F	2F	3F	3.350	6.60	146	418	7.62	141	502		C, D
100	112	90	90	4.225	6.60	184	331	7.62	178	398		C, D
160	160	160	200	4.643	6.60	203	302	7.62	195	362		C, D
				5.200	6.60	227	269	7.62	219	323		C, D
				5.714	6.60	249	245	7.62	240	294		C, D
				6.400	6.60	279	219	7.62	269	263		C, D
				7.150	6.60	312	196	7.62	301	235		C, D
				8.125	6.60	355	172	7.62	342	207		C, D
				8.800	6.60	384	159	7.62	370	191		C, D
				9.856	6.60	430	142	7.62	414	171		C, D
				11.200	6.60	489	125	7.62	471	150		C, D
				12.571	6.60	549	111	7.62	529	134		C, D
				14.286	6.60	624	98	7.62	601	118		C, D
				15.400	6.31	644	91	7.58	644	109		C, D
				17.500	5.87	680	80	7.04	680	96		C, D
				20.044	5.23	694	70	6.28	694	84		C, D
				22.778	4.52	682	62	5.43	682	74		C, D
				24.567	4.34	706	57	5.21	706	68		C, D
				27.917	3.74	691	50	4.49	691	60		C, D
GST07 - 2N □□□ □G				3.048	17.41	351	459	20.12	338	551		C, D
1G	2G	2G	3G	3.350	16.54	367	418	19.11	353	502		C, D
132	100	112	132	4.225	14.22	398	331	16.43	383	398		C, D
300	250	250	250	4.643	13.47	414	302	15.57	399	362		C, D
				5.200	12.42	427	269	14.35	411	323		C, D
				5.714	11.86	448	245	13.70	432	294		C, D
				6.400	10.93	463	219	12.63	446	263		C, D
				7.150	10.32	488	196	11.93	470	235		C, D
				8.125	10.02	539	172	11.58	519	207		C, D
				8.800	9.05	527	159	10.46	507	191		C, D
				9.856	8.42	549	142	9.73	529	171		C, D
				11.200	8.07	598	125	9.33	576	150		C, D
				12.571	7.22	600	111	8.34	578	134		C, D
				14.286	6.78	642	98	7.84	618	118		C, D
				15.400	6.31	644	91	7.58	644	109		C, D
				17.500	5.87	680	80	7.04	680	96		C, D

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange

$M_2 \text{ perm} \leq 707 \text{ Nm}$				GST07-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 1400 \text{ rpm}$			$n_1 = 1680 \text{ rpm}$				
GST07 - 2N □□□ □H				3.048	17.41	351	459	20.12	338	551		C, D
1H	3H	5H		3.350	16.54	367	418	19.11	353	502		C, D
160	132	254/256TC		4.225	14.22	398	331	16.43	383	398		C, D
350	300	Nema		4.643	13.47	414	302	15.57	399	362		C, D
				5.200	12.42	427	269	14.35	411	323		C, D
				5.714	11.86	448	245	13.70	432	294		C, D
				6.400	10.93	463	219	12.63	446	263		C, D
				7.150	10.32	488	196	11.93	470	235		C, D
				8.125	10.02	539	172	11.58	519	207		C, D
				8.800	9.05	527	159	10.46	507	191		C, D
				9.856	8.42	549	142	9.73	529	171		C, D
				11.200	8.07	598	125	9.33	576	150		C, D
					$n_1 = 700 \text{ rpm}$			$n_1 = 840 \text{ rpm}$				
GST07 - 2N □□□ □C				32.267	0.84	360	22	1.01	360	26		
1C	2C	3C	4C	36.667	0.84	409	19	1.01	409	23		
80	71	71	71	39.160	0.70	365	18	0.84	365	22		
160	160	105	120	44.500	0.70	414	16	0.84	414	19		
			Nema	49.500	0.56	370	14	0.68	370	17		
				56.250	0.56	420	12	0.68	420	15		
GST07 - 2N □□□ □D				12.571	1.54	256	56	1.85	256	67		
1D	2D	5D		14.286	1.54	291	49	1.85	291	59		
90	80	143/145TC		20.044	1.54	408	35	1.85	408	42		
160	160	Nema		22.778	1.54	464	31	1.85	464	37		
				24.567	1.43	465	29	1.72	465	34		
				27.917	1.43	529	25	1.72	529	30		
				32.267	1.12	479	22	1.35	479	26		
				36.667	1.12	544	19	1.35	544	23		
				39.160	0.94	485	18	1.12	485	22		
				44.500	0.94	551	16	1.12	551	19		
				49.500	0.75	492	14	0.90	492	17		
				56.250	0.75	559	12	0.90	559	15		
GST07 - 2N □□□ □E				5.200	4.40	303	135	5.28	303	162		
1E	1E	2E	3E	5.714	4.40	333	123	5.28	333	147		
100	112	90	80	6.400	4.40	373	109	5.28	373	131		
160	160	160	160	8.800	4.40	512	80	5.28	512	96		
				9.856	4.21	549	71	5.05	549	85		
				11.200	4.04	598	63	4.84	598	75		
				12.571	3.61	600	56	4.33	600	67		
				14.286	3.39	642	49	4.07	642	59		
				15.400	3.16	644	46	3.79	644	55		
				17.500	2.93	680	40	3.52	680	48		
				20.044	2.62	694	35	3.14	694	42		
				22.778	2.26	682	31	2.71	682	37		
				24.567	2.17	706	29	2.61	706	34		
				27.917	1.87	691	25	2.24	691	30		
				32.267	1.65	706	22	1.98	706	26		
				36.667	1.45	702	19	1.74	702	23		
				39.160	1.25	647	18	1.50	647	22		
				44.500	1.20	707	16	1.44	707	19		
GST07 - 2N □□□ □F				3.048	4.40	177	230	5.28	177	276		
1F	1F	2F	3F	3.350	4.40	195	209	5.28	195	251		
100	112	90	90	4.225	4.40	246	166	5.28	246	199		
160	160	160	200	4.643	4.40	270	151	5.28	270	181		
				5.200	4.40	303	135	5.28	303	162		
				5.714	4.40	333	123	5.28	333	147		
				6.400	4.40	373	109	5.28	373	131		
				7.150	4.40	416	98	5.28	416	118		
				8.125	4.40	473	86	5.28	473	103		
				8.800	4.40	512	80	5.28	512	96		
				9.856	4.21	549	71	5.05	549	85		

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange



$M_2 \text{ perm} \leq 707 \text{ Nm}$				GST07-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 700 \text{ rpm}$			$n_1 = 840 \text{ rpm}$				
GST07 - 2N □□□ □F				11.200	4.04	598	63	4.84	598	75		
1F	1F	2F	3F	12.571	3.61	600	56	4.33	600	67		
100	112	90	90	14.286	3.39	642	49	4.07	642	59		
160	160	160	200	15.400	3.16	644	46	3.79	644	55		
				17.500	2.93	680	40	3.52	680	48		
				20.044	2.62	694	35	3.14	694	42		
				22.778	2.26	682	31	2.71	682	37		
				24.567	2.17	706	29	2.61	706	34		
				27.917	1.87	691	25	2.24	691	30		
					$n_1 = 700 \text{ rpm}$			$n_1 = 840 \text{ rpm}$				
GST07 - 2N □□□ □G				3.048	8.71	351	230	10.45	351	276		
1G	2G	2G	3G 5G	3.350	8.27	367	209	9.92	367	251		
132	100	112	132 213/215TC	4.225	7.11	398	166	8.53	398	199		
300	250	250	250 Nema	4.643	6.74	414	151	8.08	414	181		
				5.200	6.21	427	135	7.45	427	162		
				5.714	5.93	448	123	7.11	448	147		
				6.400	5.47	463	109	6.56	463	131		
				7.150	5.16	488	98	6.19	488	118		
				8.125	5.01	539	86	6.01	539	103		
				8.800	4.52	527	80	5.43	527	96		
				9.856	4.21	549	71	5.05	549	85		
				11.200	4.04	598	63	4.84	598	75		
				12.571	3.61	600	56	4.33	600	67		
				14.286	3.39	642	49	4.07	642	59		
				15.400	3.16	644	46	3.79	644	55		
				17.500	2.93	680	40	3.52	680	48		
					$n_1 = 700 \text{ rpm}$			$n_1 = 840 \text{ rpm}$				
GST07 - 2N □□□ □H				3.048	8.71	351	230	10.45	351	276		
1H	3H	5H		3.350	8.27	367	209	9.92	367	251		
160	132	254/256TC		4.225	7.11	398	166	8.53	398	199		
350	300	Nema		4.643	6.74	414	151	8.08	414	181		
				5.200	6.21	427	135	7.45	427	162		
				5.714	5.93	448	123	7.11	448	147		
				6.400	5.47	463	109	6.56	463	131		
				7.150	5.16	488	98	6.19	488	118		
				8.125	5.01	539	86	6.01	539	103		
				8.800	4.52	527	80	5.43	527	96		
				9.856	4.21	549	71	5.05	549	85		
				11.200	4.04	598	63	4.84	598	75		

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange

$M_2 \text{ perm} \leq 1582 \text{ Nm}$				GST09-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					P _{1 perm}	M _{2 perm}	n ₂	P _{1 perm}	M _{2 perm}	n ₂		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					n₁ = 2800 rpm			n₁ = 3360 rpm				
GST09 - 2N □□□ □D				32.267	4.26	455	87	3.96	353	104		C, D
1D	2D	5D		36.667	4.26	517	76	3.96	401	92		C, D
90	80	143/145TC		39.160	4.26	552	72	3.96	428	86		C, D
160	160	Nema		44.500	4.62	680	63	4.39	539	76		C, D
				49.500	3.87	633	57	3.96	540	68		C, D
				56.250	3.87	720	50	3.96	614	60		C, D
GST09 - 2N □□□ □E				12.362	10.72	438	227	9.97	340	272		C, D
1E	1E	2E	3E	14.048	10.72	498	199	9.97	386	239		C, D
100	112	90	80	20.533	12.17	827	136	11.32	641	164		C, D
160	160	160	160	23.333	12.17	940	120	11.32	729	144		C, D
				24.933	11.18	922	112	11.18	769	135		C, D
				28.333	11.18	1048	99	11.18	873	119		C, D
				32.267	8.98	958	87	8.98	799	104		C, D
				36.667	8.98	1089	76	8.98	908	92		C, D
				39.160	7.50	971	72	7.50	810	86		C, D
				44.500	8.12	1196	63	8.31	1020	76		C, D
				49.500	6.51	1067	57	6.66	910	68		C, D
				56.250	6.51	1212	50	6.66	1034	60		C, D
GST09 - 2N □□□ □F				11.667	10.72	414	240					C, D
1F	1F	2F	3F	12.362	10.72	438	227					C, D
100	112	90	90	14.048	10.72	498	199					C, D
160	160	160	200	15.156	12.17	611	185					C, D
				17.222	12.17	694	163					C, D
				20.533	12.17	827	136					C, D
				23.333	12.17	940	120					C, D
				24.933	11.86	978	112					C, D
				28.333	11.86	1112	99					C, D
				32.267	9.52	1016	87					C, D
				36.667	9.52	1155	76					C, D
				39.160	7.94	1029	72					C, D
				44.500	8.61	1267	63					C, D
GST09 - 2N □□□ □G				11.667	25.37	979	240					C, D
1G	2G	2G	3G	12.362	24.87	1017	227					C, D
132	100	112	132	14.048	22.41	1042	199					C, D
300	250	250	250	15.156	24.66	1237	185					C, D
				17.222	22.22	1266	163					C, D
				20.533	20.15	1369	136					C, D
				23.333	18.02	1391	120					C, D
				24.933	17.69	1460	112					C, D
				28.333	14.95	1402	99					C, D
					n₁ = 1400 rpm			n₁ = 1680 rpm				
GST09 - 2N □□□ □D				32.267	2.31	493	43	2.77	493	52		
1D	2D	5D		36.667	2.31	560	38	2.77	560	46		
90	80	143/145TC		39.160	2.31	598	36	2.77	598	43		
160	160	Nema		44.500	2.31	680	32	2.77	680	38		
				49.500	1.93	633	28	2.32	633	34		
				56.250	1.93	720	25	2.32	720	30		
GST09 - 2N □□□ □E				7.305	6.60	319	192	7.62	307	230		
1E	1E	2E	3E	8.027	6.60	350	174	7.62	337	209		
100	112	90	80	12.362	6.60	540	113	7.62	520	136		
160	160	160	160	14.048	6.60	613	100	7.62	591	120		
				20.533	6.60	896	68	7.92	896	82		
				23.333	6.60	1019	60	7.92	1019	72		
				24.933	6.06	1000	56	7.27	1000	67		
				28.333	6.06	1136	49	7.27	1136	59		
				32.267	4.86	1039	43	5.84	1039	52		
				36.667	4.86	1180	38	5.84	1180	46		

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange



$M_2 \text{ perm} \leq 1582 \text{ Nm}$						GST09-2N □□□						50 Hz	60 Hz	Consultation required for mounting position	
						50 Hz			60 Hz						
Gearbox	Mounting flange size Motor frame size Flange diameter					i	P _{1 perm}	M _{2 perm}	n ₂	P _{1 perm}	M _{2 perm}	n ₂	50 Hz	60 Hz	
							[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]			
						n₁ = 1400 rpm			n₁ = 1680 rpm						
GST09 - 2N □□□ □E						39.160	4.06	1053	36	4.87	1053	43			
1E	1E	2E	3E	4E	5E	44.500	4.06	1196	32	4.87	1196	38			
100	112	90	80	90	182/184TC	49.500	3.26	1067	28	3.91	1067	34			
160	160	160	160	200	Nema	56.250	3.26	1212	25	3.91	1212	30			
GST09 - 2N □□□ □F						5.324	6.60	232	263	7.62	224	316			C, D
1F	1F	2F	3F			5.850	6.60	255	239	7.62	246	287			C, D
100	112	90	90			6.667	6.60	291	210	7.62	280	252			C, D
160	160	160	200			7.305	6.60	319	192	7.62	307	230			C, D
						8.027	6.60	350	174	7.62	337	209			C, D
						9.010	6.60	393	155	7.62	379	187			C, D
						10.267	6.60	448	136	7.62	432	164			C, D
						11.667	6.60	509	120	7.62	490	144			C, D
						12.362	6.60	540	113	7.62	520	136			C, D
						14.048	6.60	613	100	7.62	591	120			C, D
						15.156	6.60	662	92	7.92	662	111			C, D
						17.222	6.60	752	81	7.92	752	98			C, D
						20.533	6.60	896	68	7.92	896	82			C, D
						23.333	6.60	1019	60	7.92	1019	72			C, D
						24.933	6.42	1060	56	7.71	1060	67			C, D
						28.333	6.42	1205	49	7.71	1205	59			C, D
						32.267	5.16	1101	43	6.19	1101	52			C, D
						36.667	5.16	1251	38	6.19	1251	46			C, D
						39.160	4.30	1115	36	5.16	1115	43			C, D
						44.500	4.30	1267	32	5.16	1267	38			C, D
GST09 - 2N □□□ □G						4.056	17.59	472	345	20.33	455	414			C, D
1G	2G	2G	3G	5G		4.457	17.59	519	314	20.33	500	377			C, D
132	100	112	132	213/215TC		5.324	17.59	620	263	20.33	597	316			C, D
300	250	250	250	Nema		5.850	17.59	681	239	20.33	656	287			C, D
						6.667	17.59	776	210	20.33	747	252			C, D
						7.305	17.59	850	192	20.33	819	230			C, D
						8.027	17.59	935	174	20.33	900	209			C, D
						9.010	17.59	1049	155	20.33	1010	187			C, D
						10.267	17.34	1178	136	20.03	1134	164			C, D
						11.667	15.62	1206	120	18.05	1161	144			C, D
						12.362	15.31	1253	113	17.69	1206	136			C, D
						14.048	13.79	1283	100	15.94	1235	120			C, D
						15.156	13.36	1340	92	16.03	1340	111			C, D
						17.222	12.04	1373	81	14.45	1373	98			C, D
						20.533	10.92	1484	68	13.11	1484	82			C, D
						23.333	9.76	1508	60	11.72	1508	72			C, D
						24.933	9.59	1582	56	11.50	1582	67			C, D
						28.333	8.10	1519	49	9.72	1519	59			C, D
GST09 - 2N □□□ □H						4.056	32.71	878	345	37.79	845	414			C, D
1H	2H	3H	5H	6H		4.457	31.57	931	314	36.47	897	377			C, D
160	180	132	254/256TC	284/286TC		5.324	28.18	993	263	32.56	956	316			C, D
350	350	300	Nema	Nema		5.850	26.34	1020	239	30.43	982	287			C, D
						6.667	24.14	1065	210	27.90	1026	252			C, D
						7.305	22.82	1103	192	26.37	1063	230			C, D
						8.027	21.33	1133	174	24.65	1091	209			C, D
						9.010	18.91	1128	155	21.85	1086	187			C, D
						10.267	17.34	1178	136	20.03	1134	164			C, D
						11.667	15.62	1206	120	18.05	1161	144			C, D
						12.362	15.31	1253	113	17.69	1206	136			C, D
						14.048	13.79	1283	100	15.94	1235	120			C, D
						15.156	13.36	1340	92	16.03	1340	111			C, D
						17.222	12.04	1373	81	14.45	1373	98			C, D
GST09 - 2N □□□ 1K						4.056	32.71	878	345	37.79	845	414			C, D
200						4.457	31.57	931	314	36.47	897	377			C, D
400						5.324	28.18	993	263	32.56	956	316			C, D
						5.850	26.34	1020	239	30.43	982	287			C, D
						9.010	18.91	1128	155	21.85	1086	187			C, D

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange

$M_2 \text{ perm} \leq 1582 \text{ Nm}$				GST09-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter			i	50 Hz			60 Hz			50 Hz	60 Hz
					$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2		
					[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
					$n_1 = 700 \text{ rpm}$			$n_1 = 840 \text{ rpm}$				
GST09 - 2N □□□ □D				32.267	1.44	616	22	1.73	616	26		
1D	2D	5D		36.667	1.44	700	19	1.73	700	23		
90	80	143/145TC		39.160	1.21	625	18	1.45	625	22		
160	160	Nema		44.500	1.21	710	16	1.45	710	19		
				49.500	0.97	633	14	1.16	633	17		
				56.250	0.97	720	12	1.16	720	15		
GST09 - 2N □□□ □E				7.305	4.40	425	96	5.28	425	115		
1E	1E	2E	3E	8.027	4.40	467	87	5.28	467	105		
100	112	90	80	12.362	4.40	720	57	5.28	720	68		
160	160	160	160	14.048	4.40	818	50	5.28	818	60		
				20.533	3.53	959	34	4.24	959	41		
				23.333	3.53	1090	30	4.24	1090	36		
				24.933	3.03	1000	28	3.63	1000	34		
				28.333	3.03	1136	25	3.63	1136	30		
				32.267	2.43	1039	22	2.92	1039	26		
				36.667	2.43	1180	19	2.92	1180	23		
				39.160	2.03	1053	18	2.44	1053	22		
				44.500	2.03	1196	16	2.44	1196	19		
				49.500	1.63	1067	14	1.95	1067	17		
				56.250	1.63	1212	12	1.95	1212	15		
GST09 - 2N □□□ □F				5.324	4.40	310	132	5.28	310	158		
1F	1F	2F	3F	5.850	4.40	341	120	5.28	341	144		
100	112	90	90	6.667	4.40	388	105	5.28	388	126		
160	160	160	200	7.305	4.40	425	96	5.28	425	115		
				8.027	4.40	467	87	5.28	467	105		
				9.010	4.40	524	78	5.28	524	93		
				10.267	4.40	598	68	5.28	598	82		
				11.667	4.40	679	60	5.28	679	72		
				12.362	4.40	720	57	5.28	720	68		
				14.048	4.40	818	50	5.28	818	60		
				15.156	4.40	882	46	5.28	882	55		
				17.222	4.40	1003	41	5.28	1003	49		
				20.533	3.75	1018	34	4.50	1018	41		
				23.333	3.75	1157	30	4.50	1157	36		
				24.933	3.21	1060	28	3.85	1060	34		
				28.333	3.21	1205	25	3.85	1205	30		
				32.267	2.58	1101	22	3.09	1101	26		
				36.667	2.58	1251	19	3.09	1251	23		
				39.160	2.15	1115	18	2.58	1115	22		
				44.500	2.15	1267	16	2.58	1267	19		
GST09 - 2N □□□ □G				4.056	11.73	630	173	14.07	630	207		
1G	2G	2G	3G	4.457	11.73	692	157	14.07	692	189		
132	100	112	132	5.324	11.73	826	132	14.07	826	158		
300	250	250	250	5.850	11.73	908	120	14.07	908	144		
				6.667	11.73	1035	105	14.07	1035	126		
				7.305	10.59	1024	96	12.70	1024	115		
				8.027	10.59	1125	87	12.70	1125	105		
				9.010	9.46	1128	78	11.35	1128	93		
				10.267	8.67	1178	68	10.40	1178	82		
				11.667	7.81	1206	60	9.37	1206	72		
				12.362	7.66	1253	57	9.19	1253	68		
				14.048	6.90	1283	50	8.28	1283	60		
				15.156	6.68	1340	46	8.02	1340	55		
				17.222	6.02	1373	41	7.22	1373	49		
				20.533	5.46	1484	34	6.55	1484	41		
				23.333	4.88	1508	30	5.86	1508	36		
				24.933	4.79	1582	28	5.75	1582	34		
				28.333	4.05	1519	25	4.86	1519	30		

For dimensions, see page 3-112 onwards.

Helical gearbox selection table

Gearbox with mounting flange

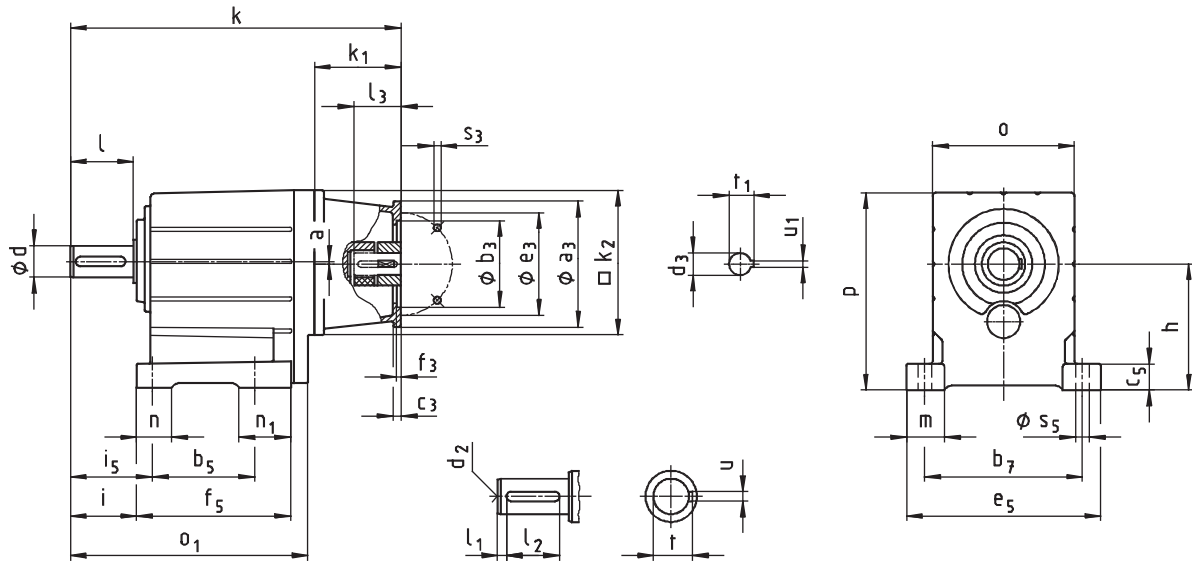


$M_2 \text{ perm} \leq 1582 \text{ Nm}$					GST09-2N □□□								
Gearbox	Mounting flange size Motor frame size Flange diameter				i	50 Hz			60 Hz			50 Hz	60 Hz
						$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	$P_1 \text{ perm}$	$M_2 \text{ perm}$	n_2	Consultation required for mounting position	
						[kW]	[Nm]	[rpm]	[kW]	[Nm]	[rpm]		
						$n_1 = 700 \text{ rpm}$			$n_1 = 840 \text{ rpm}$				
GST09 - 2N □□□ □H					4.056	16.35	878	173	19.63	878	207		
1H 2H 3H 5H 6H					4.457	15.78	931	157	18.94	931	189		
160 180 132 254/256TC 284/286TC					5.324	14.09	993	132	16.91	993	158		
350 350 300 Nema Nema					5.850	13.17	1020	120	15.80	1020	144		
					6.667	12.07	1065	105	14.48	1065	126		
					7.305	11.41	1103	96	13.69	1103	115		
					8.027	10.66	1133	87	12.80	1133	105		
					9.010	9.46	1128	78	11.35	1128	93		
					10.267	8.67	1178	68	10.40	1178	82		
					11.667	7.81	1206	60	9.37	1206	72		
					12.362	7.66	1253	57	9.19	1253	68		
					14.048	6.90	1283	50	8.28	1283	60		
					15.156	6.68	1340	46	8.02	1340	55		
					17.222	6.02	1373	41	7.22	1373	49		
GST09 - 2N □□□ 1K					4.056	16.35	878	173	19.63	878	207		
200					4.457	15.78	931	157	18.94	931	189		
400					5.324	14.09	993	132	16.91	993	158		
					5.850	13.17	1020	120	15.80	1020	144		
					9.010	9.46	1128	78	11.35	1128	93		

For dimensions, see page 3-112 onwards.

Helical gearbox dimensions

Gearbox with mounting flange for IEC standard motors



3

Gearbox GST□□-2N VBR		Drive size												
		1A	1B	2B	1C	2C	3C	4C	6C	7C	1D	2D		
		corresponds to IEC motor												
		63	71	63	80	71	71	71	63	80	90	80		
Housing	k ₁	58 **	75	77	75	91						115		
	k ₂	100 **	120	145	120	145						180		
Flange	a ₃	90	105	90	160	160	105	120	160	120	160			
	b ₃ H8	60	70	60	110	110	70	80	110	80	110			
	c ₃	7	8	7	10	10	8	8	10	8	10			
	e ₃	75	85	75	130	130	85	100	130	100	130			
	f ₃	3	3		4	4	3	3.5	4	3.5	4			
	s ₃ 4 x	5.5	6.6	5.5	9	9	6.6	6.6	9	6.6	9			
Required motor shafts	d ₃	11	14	11	19	14	14	14	11	19	24	19		
	l ₃ min max.	23	30	23	25						23	25	50	40
		23	30	23	40						40	40	50	50
	u ₁	4	5	4	6	5	5	5	4	6	8	6		
t ₁	12.5	16	12.5	21.5	16	16	16	12.5	21.5	27	21.5			
Gearbox size		Overall length k												
03		209*												
		221												
04			259	266	259			280				314		
05				296				310				344		
06				322				336				370		
07								392				426		
09												489		

Helical gearbox dimensions

Gearbox with mounting flange for IEC standard motors



Gearbox GST□□-2N VBR		Drive size														
		1E	2E	3E	4E	1F	2F	3F	1G	2G	3G	1H	2H	3H	1K	2K
		corresponds to IEC motor														
		100 112	90	80	90	100 112	90	90	132	100 112	132	160	180	132	200	225
Housing	k_1	110			130	139		159	180	160	180	214	214	184	244	274
	k_2	180			180	180		180	265			300			300	
Flange	a_3	160			188	160		188	300	250	250	350	350	300	400	450
	b_3 H8	110			130	110		130	230	180	180	250	250	230	300	350
	c_3	10			20	10		20	18	18	35	20	20	18	20	
	e_3	130			165	130		165	265	215	215	300	300	265	350	400
	f_3	4			4	4		4	4.5			6	6	4.5	6	
	s_3 4 x 8 x	9			M10	9		M10	13.5			17.5	17.5	13.5	17.5	17.5
Required motor shafts	d_3	28	24	19	24	28	24	24	38	28	38	42	48	38	55	60
	l_3 min max.	30			50	30		50	80	60	80	110	110	80	110	140
		60			50	60		50	80	60	80	110	110	80	110	140
	u_1	8	8	6	8	8	8	8	10	8	10	12	14	10	16	18
t_1	31	27	21.5	27	31	27	27	41	31	41	45	51.5	41	59	64	
Gearbox size	Overall length k															
05	339			359												
06	365			385	394		414									
07	421			441	450		470	505	485	505	543		513			
09	484			504	513		533	568	548	568	606	606	576	636		
11	541			561	570		590	625	605	625	663	663	633	693	723	
14								715	695	715	753	753	723	783	813	

Gearbox size	ϕ^1	ϕ_1	Gearbox p^1	h^1	a
03	90	127* 139	101	65	2
04	100	174	132	80	0
05	115	214	158.5	100	1
06	145	243	198	125	2
07	180	302	251	160	3
09	222	370	311	200	4
11	270	433	385	250	4
14	328	533	479	315	6

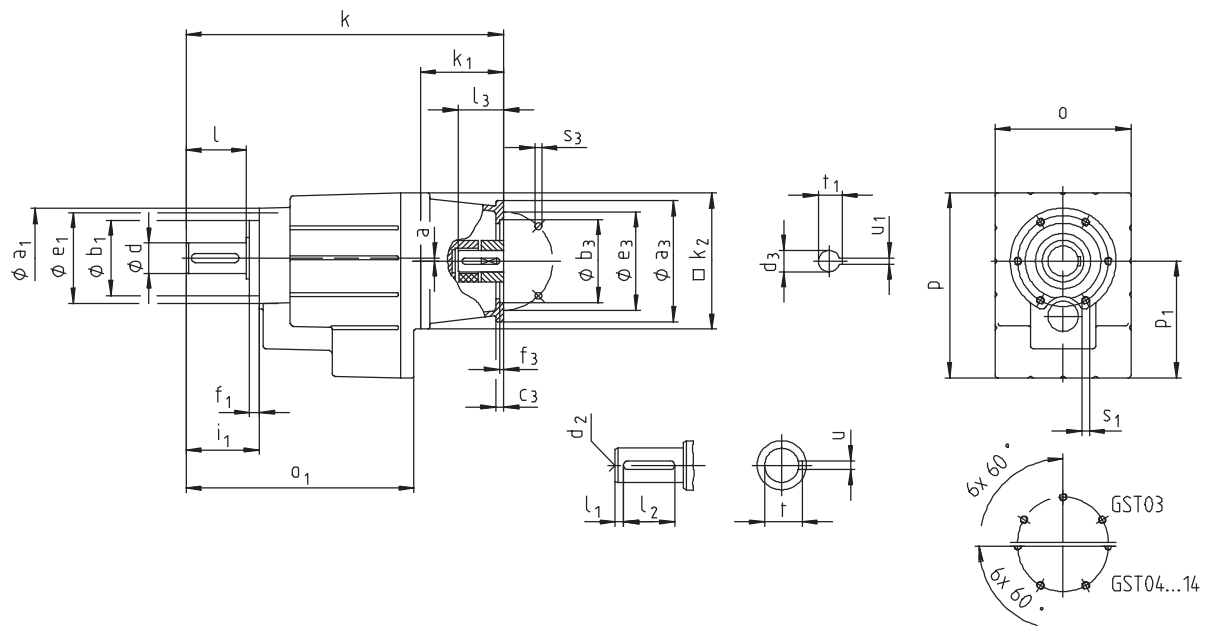
Gearbox size	Solid shaft							Foot										
	d	l	l_1	l_2	d_2	u	t	b_5	b_7	c_5	e_5	f_5	i	i_5	m	n	n_1	s_5
03	14	28	4	20	M5	5	16	60	91	11	105	84	34	40	20	-	-	6.6
	20	40	5	28	M6	6	22.5						46	52				
04	20	40	5	28	M6	6	22.5	76	105	18	129	112	43	53	25	20	36	9
05	25	50	4	40	M10	8	28	90	125	23	155	139	53	66	33	26	49	11
06	30	60	6	45	M10	8	33	106	160	28	196	157	64	79	38	35	52	13.5
07	40	80	7	63	M16	12	43	130	200	34	247	196	84	104	49	45	66	18
09	50	100	8	80	M16	14	53.5	165	245	44	298	239	105	127.5	54	48	74	18
11	60	120	8	100	M20	18	64	200	300	54	368	280	125	155	69	65	80	22
14	80	160	15	125	M20	22	85	250	380	65	460	340	165	200	85	85	91	26

Dimensions in [mm] $d \leq 50$ mm: k6 $d > 50$ mm: m6 * Solid shaft $d=14$ ** With gearbox size 03

¹⁾ Observe dimension k_2 . With gearbox size 04 and drive size 1D/2D, dimension $k_2/2 > h-a$

Helical gearbox dimensions

Gearbox with mounting flange for IEC standard motors



3

Gearbox GST□□-2N VCR		Drive size												
		1A	1B	2B	1C	2C	3C	4C	6C	7C	1D	2D		
		corresponds to IEC motor												
		63	71	63	80	71	71	71	63	80	90	80		
Housing	k ₁	58 **	75	77	75	91						115		
	k ₂	100 **	120	145	120	145						180		
Flange	a ₃	90	105	90	160	160	105	120	160	120	160			
	b ₃ H8	60	70	60	110	110	70	80	110	80	110			
	c ₃	7	8	7	10	10	8	8	10	8	10			
	e ₃	75	85	75	130	130	85	100	130	100	130			
	f ₃	3	3		4	4	3	3.5	4	3.5	4			
	s ₃ 4 x	5.5	6.6	5.5	9	9	6.6	6.6	9	6.6	9			
Required motor shafts	d ₃	11	14	11	19	14	14	14	11	19	24	19		
	l ₃ min max.	23	30	23	25						23	25	50	40
		23	30	23	40						40	40	50	50
	u ₁	4	5	4	6	5	5	5	4	6	8	6		
t ₁	12.5	16	12.5	21.5	16	16	16	12.5	21.5	27	21.5			
Gearbox size		Overall length k												
03	209*													
	221													
04		259	266	259			280				314			
05			296				310				344			
06			322				336				370			
07							392				426			
09											489			

Helical gearbox dimensions

Gearbox with mounting flange for IEC standard motors



Gearbox GST□□-2N VCR		Drive size														
		1E	2E	3E	4E	1F	2F	3F	1G	2G	3G	1H	2H	3H	1K	2K
		corresponds to IEC motor														
		100 112	90	80	90	100 112	90	90	132	100 112	132	160	180	132	200	225
Housing	k ₁	110			130	139		159	180	160	180	214	214	184	244	274
	k ₂	180			180	180		180	265			300			300	
Flange	a ₃	160			188	160		188	300	250	250	350	350	300	400	450
	b ₃ H8	110			130	110		130	230	180	180	250	250	230	300	350
	c ₃	10			20	10		20	18	18	35	20	20	18	20	
	e ₃	130			165	130		165	265	215	215	300	300	265	350	400
	f ₃	4			4	4		4	4.5			6	6	4.5	6	
	s ₃ 4 x 8 x	9			M10	9		M10	13.5			17.5	17.5	13.5	17.5	17.5
Required motor shafts	d ₃	28	24	19	24	28	24	24	38	28	38	42	48	38	55	60
	l ₃ min max.	30			50	30		50	80	60	80	110	110	80	110	140
		60			50	60		50	80	60	80	110	110	80	110	140
	u ₁	8	8	6	8	8	8	8	10	8	10	12	14	10	16	18
t ₁	31	27	21.5	27	31	27	27	41	31	41	45	51.5	41	59	64	
Gearbox size	Overall length k															
05	339			359												
06	365			385	394		414									
07	421			441	450		470	505	485	505	543		513			
09	484			504	513		533	568	548	568	606	606	576	636		
11	541			561	570		590	625	605	625	663	663	633	693	723	
14								715	695	715	753	753	723	783	813	

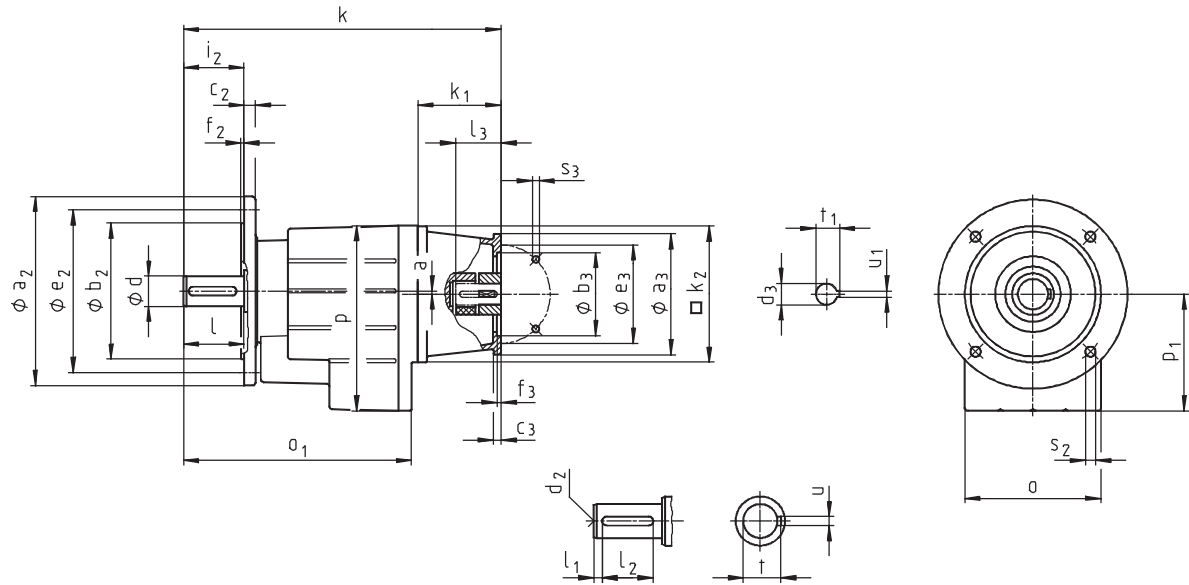
Gearbox size	o ¹⁾	o ₁	Gearbox p ¹⁾	p ₁	a
03	90	127* 139	100	64	2
04	100	174	129	77	0
05	115	214	156	98	1
06	145	243	194	121	2
07	180	302	245	155	3
09	222	370	304	194	4
11	270	433	378	243	4
14	328	533	470	306	6

Gearbox size	Solid shaft							Threaded pitch circle					
	d	l	l ₁	l ₂	d ₂	u	t	a ₁	b ₁ h7	e ₁	f ₁	i ₁	s ₁ 6 x 60°
03	14	28	4	20	M5	5	16	71	48	61	8	39	M5x10
	20	40	5	28	M6	6	22.5					51	
04	20	40	5	28	M6	6	22.5	72	48	61	8	51	M5x10
05	25	50	4	40	M10	8	28	88	58	74	9	62	M6x12
06	30	60	6	45	M10	8	33	109	70	90	10	74	M8x14
07	40	80	7	63	M16	12	43	140	100	120	13	97	M10x18
09	50	100	8	80	M16	14	53.5	174	120	145	15	120	M12x20
11	60	120	8	100	M20	18	64	215	150	185	18	143	M16x26
14	80	160	15	125	M20	22	85	265	195	230	22	187	M20x34

Dimensions in [mm] d ≤ 50 mm: k6 * Solid shaft d=14 ¹⁾ Observe dimension k₂.
d > 50 mm: m6 ** With gearbox size 03

Helical gearbox dimensions

Gearbox with mounting flange for IEC standard motors



3

Gearbox GST□□-2N VCK		Drive size											
		1A	1B	2B	1C	2C	3C	4C	6C	7C	1D	2D	
		corresponds to IEC motor											
		63	71	63	80	71	71	71	63	80	90	80	
Housing	k ₁	58 **	75	77	75	91						115	
	k ₂	100 **	120	145	120	145						180	
Flange	a ₃	90	105	90	160	160	105	120	160	120	160		
	b ₃ H8	60	70	60	110	110	70	80	110	80	110		
	c ₃	7	8	7	10	10	8	8	10	8	10		
	e ₃	75	85	75	130	130	85	100	130	100	130		
	f ₃	3	3		4	4	3	3.5	4	3.5	4		
	s ₃ 4 x	5.5	6.6	5.5	9	9	6.6	6.6	9	6.6	9		
Required motor shafts	d ₃	11	14	11	19	14	14	14	11	19	24	19	
	l ₃	min	23	30	23	25				23	25	50	40
		max.	23	30	23	40				40	40	50	50
	u ₁	4	5	4	6	5	5	5	4	6	8	6	
t ₁	12.5	16	12.5	21.5	16	16	16	12.5	21.5	27	21.5		
Gearbox size		Overall length k											
03		209*											
		221											
04			259	266	259			280				314	
05				296				310				344	
06				322				336				370	
07								392				426	
09												489	

Helical gearbox dimensions

Gearbox with mounting flange for IEC standard motors



Gearbox GST□□-2N VCK		Drive size																							
		1E	2E	3E	4E	1F	2F	3F	1G	2G	3G	1H	2H	3H	1K	2K									
		corresponds to IEC motor																							
		100 112	90	80	90	100 112	90	90	132	100 112	132	160	180	132	200	225									
Housing	k ₁	110		130		139		159		180		160		180		214		214		184		244		274	
	k ₂	180		180		180		180		265		300		300		300		300		300		300		300	
Flange	a ₃	160		188		160		188		300		250		250		350		350		300		400		450	
	b ₃ H8	110		130		110		130		230		180		180		250		250		230		300		350	
	c ₃	10		20		10		20		18		18		35		20		20		18		20		20	
	e ₃	130		165		130		165		265		215		215		300		300		265		350		400	
	f ₃	4		4		4		4		4.5		6		6		4.5		6		6		6		6	
	s ₃ 4 x 8 x	9		M10		9		M10		13.5		17.5		17.5		13.5		17.5		17.5		17.5		17.5	
Required motor shafts	d ₃	28	24	19	24	28	24	24	38	28	38	42	48	38	55	60									
	l ₃ min max.	30		50		30		50		80		60		80		110		110		80		110		140	
		60		50		60		50		80		60		80		110		110		80		110		140	
	u ₁	8	8	6	8	8	8	8	10	8	10	12	14	10	16	18									
t ₁	31	27	21.5	27	31	27	27	41	31	41	45	51.5	41	59	64										
Gearbox size	Overall length k																								
05	339		359		394		414		505		485		505		543		513		636		723		813		
06	365		385		450		470		568		548		568		606		606		576		693		783		
07	421		441		513		533		625		605		625		663		663		633		723		813		
09	484		504		570		590		695		675		695		733		733		703		793		883		
11	541		561		630		650		755		735		755		793		793		763		853		943		
14	608		628		700		720		825		805		825		863		863		833		923		1013		

Gearbox size	o ¹⁾	o ₁	Gearbox p ¹⁾	p ₁	a
03	90	127* 139	100	64	2
04	100	174	129	77	0
05	115	214	156	98	1
06	145	243	194	121	2
07	180	302	245	155	3
09	222	370	304	194	4
11	270	433	378	243	4
14	328	533	470	306	6

Gearbox size	Solid shaft							Output flange						
	d	l	l ₁	l ₂	d ₂	u	t	a ₂	b ₂ j7	c ₂	e ₂	f ₂	i ₂	s ₂ 4 x 90°
03	14	28	4	20	M5	5	16	120	80	10	100	3	28	7
	20	40	5	28	M6	6	22.5	140	95	10	115	3	40	9
04	20	40	5	28	M6	6	22.5	160	110	10	130	3.5	40	9
	25	50	4	40	M10	8	28	120	80	10	100	3	50	7
05	25	50	4	40	M10	8	28	140	95	10	115	3	50	9
	30	60	6	45	M10	8	33	160	110	10	130	3.5	60	9
06	30	60	6	45	M10	8	33	200	130	12	165	3.5	60	11
	40	80	7	63	M16	12	43	120	80	10	100	3	80	7
07	40	80	7	63	M16	12	43	140	95	10	115	3	80	9
	50	100	8	80	M16	14	53.5	160	110	10	130	3.5	80	9
09	50	100	8	80	M16	14	53.5	200	130	12	165	3.5	80	11
	60	120	8	100	M20	18	64	250	180	14	215	4	100	14
11	60	120	8	100	M20	18	64	300	230	18	265	4	120	18
	80	160	15	125	M20	22	85	350	280	22	315	5	160	18

Dimensions in [mm]

d ≤ 50 mm: k6
d > 50 mm: m6

* Solid shaft d=14
** With gearbox size 03

¹⁾ Observe dimension k₂.

Technical data - Helical gearboxes

Weights - Gearbox with mounting flange

GST□□ - 1N

GST□□ - 1N VBR																		
Gearbox size	Drive size																	
	1A	1B 2B	5B	□C	□D	1E 2E 3E	4E 5E	1F 2F	3F	1G 3G	2G	5G	1H	2H	3H	5H	6H	1K
04	6.9	7.5	10	11	13													
05		11	14	14	17	19	23											
06		16	18	18	22	24	27	26	29									
07				28	31	33	37	35	38	58	55	48	66		62	77		
09					45	48	51	49	52	73	70	63	81	85	77	92	97	101

GST□□ - 1N VCR																		
Gearbox size	Drive size																	
	1A	1B 2B	5B	□C	□D	1E 2E 3E	4E 5E	1F 2F	3F	1G 3G	2G	5G	1H	2H	3H	5H	6H	1K
04	6.3	6.9	10	10	13													
05		10	13	13	16	18	22											
06		14	17	16	20	22	26	24	27									
07				25	28	30	33	32	35	55	52	45	63		59	74		
09					41	43	47	44	48	68	65	58	76	80	72	88	92	97

3

GST□□ - 2N

GST□□ - 2N VAR/VBR																			
Gearbox size	Drive size																		
	1A	1B 2B	5B	□C	□D	1E 2E 3E	4E 5E	1F 2F	3F	1G 3G	2G	5G	1H	2H	3H	5H	6H	1K	2K
03	4.6																		
04	8.9	10	12	13	15														
05		15	18	18	20	23	26												
06		22	25	25	28	30	34	32	36										
07				40	43	45	49	47	51	70	67	60	78		74	89			
09					70	72	76	73	77	97	94	87	105	109	101	117	122	126	
11						118	122	119	122	142	139	132	150	154	146	161	166	170	177
14										231	228	221	239	243	235	251	256	258	265

GST□□ - 2N VCR																			
Gearbox size	Drive size																		
	1A	1B 2B	5B	□C	□D	1E 2E 3E	4E 5E	1F 2F	3F	1G 3G	2G	5G	1H	2H	3H	5H	6H	1K	2K
03	4.5																		
04	8.2	8.8	12	12	14														
05		13	16	16	19	21	25												
06		19	22	22	25	28	31	29	33										
07				35	38	41	44	43	46	65	62	55	73		69	85			
09					61	64	67	65	69	89	86	79	97	101	93	108	113	117	
11						103	107	104	108	127	124	117	135	139	131	147	151	155	162
14										203	200	193	211	215	207	223	228	230	237

Weights in [kg] with oil capacity for mounting position A. All data is approximate.

Note the additional weights on page 3-17.

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Customer no.

Order no.

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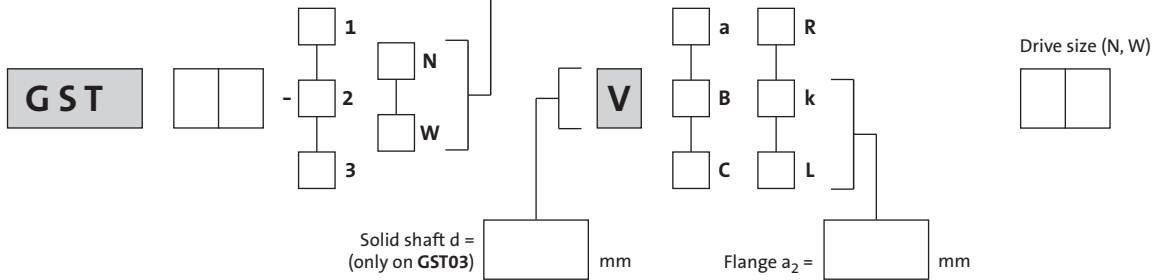
Quantity

i =

--

$n_1 =$

 rpm



Other ordering data

Mounting position

A	B	C	D	E	F
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Surface and corrosion protection

GST 03	<input type="checkbox"/>	no surface and corrosion protection system (not painted)
GST 04...14	<input type="checkbox"/>	OKS-S RAL 7012 colour
	<input type="checkbox"/>	OKS-G (primed)

Options

Special lubricant

<input type="checkbox"/>	CLP HC 320 (synthetic)	<input type="checkbox"/>	CLP HC 220 USDA H1 (for the food and beverages industry)
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Output shaft bearing

Reinforced bearings for GST 04...09 - 2

Shaft sealing rings

Viton

Gearbox with mounting flange
GST 03...14 - 1...3N

<input type="checkbox"/>	Clamping hub	<input type="checkbox"/>	Clamping ring hub
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Ventilation

<input type="checkbox"/>	Breather elements for GST 05...07	<input type="checkbox"/>	compensation reservoir in mounting position C for GST 09...14
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Surface and corrosion protection

<input type="checkbox"/>	OKS-S (small)	<input type="checkbox"/>	OKS-M (medium)	RAL <table border="1" style="width: 40px; height: 15px; display: inline-table; vertical-align: middle;"> </table>
<input type="checkbox"/>	OKS-L (large)	<input type="checkbox"/>	OKS-G (primed) only for GST 03	