

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data

The selection tables show the most common variants and combinations. Other combinations can be selected using our MOTOX Configurator or made available on request.

At an identical power rating and output speed, priority is given in the selection tables to 4-pole geared motors.

At the available transmission ratios, they cover the majority of output speeds.

Due to their prevalence, 4-pole geared motors are easily available, with short delivery times and at a low cost. They also feature a favorable size / power ratio.

Power rating P_{Motor} kW (50 Hz)	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg	
0.09	D.48-LA71M8							
	3.0	285	1.6	208.77	★ 2KJ1203 - ■CE13 - ■■S1	P02	27	
	3.4	253	1.8	185.66	2KJ1203 - ■CE13 - ■■R1	P02	27	
	3.9	220	2.0	161.05	★ 2KJ1203 - ■CE13 - ■■Q1	P02	27	
	D.38-LA71M8							
	3.3	262	0.84	191.75	★ 2KJ1202 - ■CE13 - ■■S1	P02	18	
	3.7	232	0.95	170.24	2KJ1202 - ■CE13 - ■■R1	P02	18	
	4.2	204	1.1	149.26	★ 2KJ1202 - ■CE13 - ■■Q1	P02	18	
	D.38-LA71B6							
	4.7	184	1.2	191.75	★ 2KJ1202 - ■CB13 - ■■S1	P01	18	
	5.3	163	1.3	170.24	2KJ1202 - ■CB13 - ■■R1	P01	18	
	6.0	143	1.5	149.26	★ 2KJ1202 - ■CB13 - ■■Q1	P01	18	
	6.7	128	1.7	133.57	2KJ1202 - ■CB13 - ■■P1	P01	18	
	0.12	D.188-D48-LA71B4						
		0.05	15 788	1.3	28 260	2KJ1236 - ■CB13 - ■■J1		604
		0.06	12 656	1.6	22 654	2KJ1236 - ■CB13 - ■■G1		604
0.06		13 965	1.4	24 996	★ 2KJ1236 - ■CB13 - ■■H1		604	
0.07		11 172	1.8	19 997	★ 2KJ1236 - ■CB13 - ■■F1		604	
0.08		10 078	2.0	18 039	2KJ1236 - ■CB13 - ■■E1		604	
D.168-D48-LA71B4								
0.05		15 652	0.89	28 017	★ 2KJ1234 - ■CB13 - ■■F1		460	
0.06		12 807	1.1	22 923	★ 2KJ1234 - ■CB13 - ■■D1		460	
0.06		14 120	0.99	25 274	2KJ1234 - ■CB13 - ■■E1		460	
0.07		11 668	1.2	20 886	2KJ1234 - ■CB13 - ■■C1		460	
D.168-Z48-LA71B4								
0.08		10 003	1.4	17 519	2KJ1232 - ■CB13 - ■■A2		459	
0.09		8 852	1.6	15 504	★ 2KJ1232 - ■CB13 - ■■X1		459	
0.10		8 047	1.7	14 094	2KJ1232 - ■CB13 - ■■W1		459	
0.11		7 229	1.9	12 661	★ 2KJ1232 - ■CB13 - ■■V1		459	
D.148-D38-LA71B4								
0.08		9 926	0.81	17 767	2KJ1230 - ■CB13 - ■■C1		284	
D.148-Z38-LA71B4								
0.09		8 467	0.94	14 830	2KJ1228 - ■CB13 - ■■X1		283	
0.11		7 530	1.1	13 188	2KJ1228 - ■CB13 - ■■W1		283	
0.12		6 532	1.2	11 440	2KJ1228 - ■CB13 - ■■V1		283	
0.13		6 103	1.3	10 689	2KJ1228 - ■CB13 - ■■U1		283	
0.15		5 368	1.5	9 401	2KJ1228 - ■CB13 - ■■T1		283	
0.17	4 701	1.7	8 233	2KJ1228 - ■CB13 - ■■S1		283		
0.19	4 158	1.9	7 282	2KJ1228 - ■CB13 - ■■R1		283		

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.12	D.128-Z38-LA71B4						
	0.13	6 007	0.85	10 521	2KJ1225 - ■CB13 - ■■W1		198
	0.15	5 211	0.98	9 127	★ 2KJ1225 - ■CB13 - ■■V1		198
	0.16	4 869	1.0	8 528	2KJ1225 - ■CB13 - ■■U1		198
	0.19	4 282	1.2	7 500	★ 2KJ1225 - ■CB13 - ■■T1		198
	0.21	3 751	1.4	6 569	2KJ1225 - ■CB13 - ■■S1		198
	0.24	3 317	1.5	5 810	★ 2KJ1225 - ■CB13 - ■■R1		198
	0.27	3 007	1.7	5 266	2KJ1225 - ■CB13 - ■■Q1		198
	0.30	2 654	1.9	4 648	★ 2KJ1225 - ■CB13 - ■■P1		198
	D.108-Z38-LA71B4						
	0.22	3 556	0.87	6 228	2KJ1223 - ■CB13 - ■■F2		127
	0.25	3 208	0.97	5 618	2KJ1223 - ■CB13 - ■■E2		127
	0.28	2 910	1.1	5 096	2KJ1223 - ■CB13 - ■■D2		127
	0.30	2 651	1.2	4 643	2KJ1223 - ■CB13 - ■■C2		127
	0.33	2 424	1.3	4 246	2KJ1223 - ■CB13 - ■■B2		127
	0.37	2 168	1.4	3 797	2KJ1223 - ■CB13 - ■■A2		127
	0.39	2 069	1.5	3 624	2KJ1223 - ■CB13 - ■■X1		127
	0.43	1 840	1.7	3 223	2KJ1223 - ■CB13 - ■■W1		127
	0.50	1 596	1.9	2 796	2KJ1223 - ■CB13 - ■■V1		127
	D.88-Z28-LA71B4						
	0.39	2 041	0.82	3 574	2KJ1218 - ■CB13 - ■■A2		76
	0.45	1 778	0.94	3 114	★ 2KJ1218 - ■CB13 - ■■X1		76
	0.50	1 597	1.1	2 797	2KJ1218 - ■CB13 - ■■W1		76
	0.55	1 442	1.2	2 525	★ 2KJ1218 - ■CB13 - ■■V1		76
	0.61	1 307	1.3	2 290	2KJ1218 - ■CB13 - ■■U1		76
	0.67	1 190	1.4	2 084	★ 2KJ1218 - ■CB13 - ■■T1		76
	0.76	1 052	1.6	1 842	2KJ1218 - ■CB13 - ■■S1		76
	0.82	971	1.7	1 701	★ 2KJ1218 - ■CB13 - ■■R1		76
0.96	836	2.0	1 465	2KJ1218 - ■CB13 - ■■Q1		76	
	D.68-Z28-LA71B4						
	0.84	955	0.84	1 672	2KJ1214 - ■CB13 - ■■S1		46
	0.91	882	0.91	1 544	★ 2KJ1214 - ■CB13 - ■■R1		46
	1.1	759	1.1	1 329	2KJ1214 - ■CB13 - ■■Q1		46
	1.2	690	1.2	1 208	★ 2KJ1214 - ■CB13 - ■■P1		46
	1.3	627	1.3	1 098	★ 2KJ1214 - ■CB13 - ■■N1		46
	1.4	569	1.4	996	2KJ1214 - ■CB13 - ■■M1		46
	1.5	517	1.5	906	★ 2KJ1214 - ■CB13 - ■■L1		46
	1.7	457	1.7	801	2KJ1214 - ■CB13 - ■■K1		46
1.9	423	1.9	740	★ 2KJ1214 - ■CB13 - ■■J1		46	
	D.68-LA71MB8						
	2.3	499	1.6	281.01	2KJ1204 - ■CF13 - ■■U1	P02	46
	2.6	442	1.8	248.68	★ 2KJ1204 - ■CF13 - ■■T1	P02	46
	2.9	402	2.0	226.07	2KJ1204 - ■CF13 - ■■S1	P02	46

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

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Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.12	D.48-Z28-LA71B4						
	1.6	505	0.89	885	2KJ1212 - ■ CB13 - ■■ Q1		29
	1.7	460	0.98	805	★ 2KJ1212 - ■ CB13 - ■■ P1		29
	1.9	417	1.1	731	★ 2KJ1212 - ■ CB13 - ■■ N1		29
	2.1	379	1.2	663	2KJ1212 - ■ CB13 - ■■ M1		29
	2.3	344	1.3	603	★ 2KJ1212 - ■ CB13 - ■■ L1		29
	2.6	305	1.5	534	2KJ1212 - ■ CB13 - ■■ K1		29
	2.8	281	1.6	493	★ 2KJ1212 - ■ CB13 - ■■ J1		29
	D.48-LA71MB8						
	3.1	371	1.2	208.77	★ 2KJ1203 - ■ CF13 - ■■ S1	P02	27
	3.5	330	1.4	185.66	2KJ1203 - ■ CF13 - ■■ R1	P02	27
	D.48-LA71C6						
	4.1	278	1.6	208.77	★ 2KJ1203 - ■ CC13 - ■■ S1	P01	27
	4.6	247	1.8	185.66	2KJ1203 - ■ CC13 - ■■ R1	P01	27
5.3	215	2.1	161.05	★ 2KJ1203 - ■ CC13 - ■■ Q1	P01	27	
Z.38-Z28-LA71B4							
3.0	268	0.82	464	★ 2KJ1112 - ■ CB13 - ■■ H1		20	
D.38-LA71MB8							
4.3	265	0.83	149.26	★ 2KJ1202 - ■ CF13 - ■■ Q1	P02	18	
D.38-LA71C6							
4.5	256	0.86	191.75	★ 2KJ1202 - ■ CC13 - ■■ S1	P01	18	
5.1	227	0.97	170.24	2KJ1202 - ■ CC13 - ■■ R1	P01	18	
5.8	199	1.1	149.26	★ 2KJ1202 - ■ CC13 - ■■ Q1	P01	18	
6.4	178	1.2	133.57	2KJ1202 - ■ CC13 - ■■ P1	P01	18	
D.38-LA71B4							
7.3	157	1.4	191.75	★ 2KJ1202 - ■ CB13 - ■■ S1		18	
8.2	139	1.6	170.24	2KJ1202 - ■ CB13 - ■■ R1		18	
9.4	122	1.8	149.26	★ 2KJ1202 - ■ CB13 - ■■ Q1		18	
10.5	109	2.0	133.57	2KJ1202 - ■ CB13 - ■■ P1		18	
D.28-LA71B4							
6.7	170	0.82	207.96	★ 2KJ1201 - ■ CB13 - ■■ M1		10	
7.8	146	0.96	178.66	2KJ1201 - ■ CB13 - ■■ L1		10	
8.5	135	1.0	164.48	★ 2KJ1201 - ■ CB13 - ■■ K1		10	
9.4	122	1.1	149.53	2KJ1201 - ■ CB13 - ■■ J1		10	
10.6	108	1.3	132.35	★ 2KJ1201 - ■ CB13 - ■■ H1		10	
12.6	91	1.5	110.86	2KJ1201 - ■ CB13 - ■■ G1		10	
14.8	77	1.8	94.52	★ 2KJ1201 - ■ CB13 - ■■ F1		10	
17.4	66	2.1	80.34	★ 2KJ1201 - ■ CB13 - ■■ E1		10	
20	57	2.4	69.82	2KJ1201 - ■ CB13 - ■■ D1		10	
23	50	2.8	60.77	★ 2KJ1201 - ■ CB13 - ■■ C1		10	
Z.28-LA71B4							
27	42	3.3	51.35	2KJ1101 - ■ CB13 - ■■ C2		10	
32	35	3.9	43.3	★ 2KJ1101 - ■ CB13 - ■■ B2		10	
36	32	4.4	38.45	2KJ1101 - ■ CB13 - ■■ A2		10	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.12	Z.28-LA71B4						
	42	28	5.1	33.71	★ 2KJ1101 - ■CB13 - ■■X1		10
	46	25	5.7	30.16	2KJ1101 - ■CB13 - ■■W1		10
	52	22	6.4	26.77	★ 2KJ1101 - ■CB13 - ■■V1		10
	60	19	7.3	23.46	2KJ1101 - ■CB13 - ■■U1		10
	68	17	8.3	20.63	★ 2KJ1101 - ■CB13 - ■■T1		10
	75	15	9.2	18.63	2KJ1101 - ■CB13 - ■■S1		10
	86	13	10.5	16.24	★ 2KJ1101 - ■CB13 - ■■R1		10
	96	12	11.7	14.58	2KJ1101 - ■CB13 - ■■Q1		10
	106	11	13.0	13.17	★ 2KJ1101 - ■CB13 - ■■P1		10
	117	9.8	14.3	11.94	2KJ1101 - ■CB13 - ■■N1		10
	D.18-LA71B4						
	10.2	112	0.8	136.71	★ 2KJ1200 - ■CB13 - ■■L1		9
	11.3	102	0.88	124.29	2KJ1200 - ■CB13 - ■■K1		9
	12.7	90	1.0	110.01	★ 2KJ1200 - ■CB13 - ■■J1		9
	15.2	75	1.2	92.14	2KJ1200 - ■CB13 - ■■H1		9
	17.8	64	1.4	78.56	★ 2KJ1200 - ■CB13 - ■■G1		9
	21	55	1.6	66.78	★ 2KJ1200 - ■CB13 - ■■F1		9
	24	48	1.9	58.03	2KJ1200 - ■CB13 - ■■E1		9
	28	41	2.2	50.51	★ 2KJ1200 - ■CB13 - ■■D1		9
	Z.18-LA71B4						
	32	35	2.5	43.15	2KJ1100 - ■CB13 - ■■U1		9
	38	30	3.0	37.23	★ 2KJ1100 - ■CB13 - ■■T1		9
	44	26	3.4	31.98	2KJ1100 - ■CB13 - ■■S1		9
	48	24	3.7	29.45	★ 2KJ1100 - ■CB13 - ■■R1		9
	52	22	4.1	26.77	2KJ1100 - ■CB13 - ■■Q1		9
	59	19	4.6	23.69	★ 2KJ1100 - ■CB13 - ■■P1		9
	70	16	5.5	19.85	2KJ1100 - ■CB13 - ■■N1		9
	83	14	6.5	16.92	★ 2KJ1100 - ■CB13 - ■■M1		9
	97	12	7.6	14.38	★ 2KJ1100 - ■CB13 - ■■L1		9
	112	10	8.8	12.5	2KJ1100 - ■CB13 - ■■K1		9
	129	8.9	9.8	10.88	★ 2KJ1100 - ■CB13 - ■■J1		9
	143	8	10.3	9.81	2KJ1100 - ■CB13 - ■■H1		9
	162	7.1	11.3	8.66	2KJ1100 - ■CB13 - ■■G1		9
	189	6.1	9.1	7.42	★ 2KJ1100 - ■CB13 - ■■F1		9
	217	5.3	10.0	6.45	2KJ1100 - ■CB13 - ■■E1		9
250	4.6	11.1	5.61	★ 2KJ1100 - ■CB13 - ■■D1		9	
277	4.1	11.8	5.06	2KJ1100 - ■CB13 - ■■C1		9	
313	3.7	13.4	4.47	2KJ1100 - ■CB13 - ■■B1		9	
0.18	D.188-D48-LA71C4						
	0.06	21 556	0.93	22 654	2KJ1236 - ■CC13 - ■■G1		604
	0.06	23 784	0.84	24 996	★ 2KJ1236 - ■CC13 - ■■H1		604
	0.07	19 027	1.1	19 997	★ 2KJ1236 - ■CC13 - ■■F1		604
	0.08	15 568	1.3	16 361	★ 2KJ1236 - ■CC13 - ■■D1		604

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.18	D.188-D48-LA71C4						
	0.08	17 164	1.2	18 039	2KJ1236 - CC13 - E1		604
	0.09	14 184	1.4	14 907	2KJ1236 - CC13 - C1		604
	D.188-Z48-LA71C4						
	0.11	12 159	1.6	12 504	2KJ1235 - CC13 - X1		603
	0.12	10 761	1.9	11 066	★ 2KJ1235 - CC13 - W1		603
	D.168-Z48-LA71C4						
	0.08	17 036	0.82	17 519	2KJ1232 - CC13 - A2		459
	0.09	15 077	0.93	15 504	★ 2KJ1232 - CC13 - X1		459
	0.10	13 705	1.0	14 094	2KJ1232 - CC13 - W1		459
	0.11	12 312	1.1	12 661	★ 2KJ1232 - CC13 - V1		459
	0.13	10 554	1.3	10 853	2KJ1232 - CC13 - U1		459
	0.14	9 548	1.5	9 819	★ 2KJ1232 - CC13 - T1		459
	0.15	8 814	1.6	9 064	2KJ1232 - CC13 - S1		459
	0.17	7 664	1.8	7 881	★ 2KJ1232 - CC13 - R1		459
	0.19	6 959	2.0	7 156	2KJ1232 - CC13 - Q1		459
	D.148-Z38-LA71C4						
	0.15	9 142	0.88	9 401	2KJ1228 - CC13 - T1		283
	0.17	8 006	1.0	8 233	2KJ1228 - CC13 - S1		283
0.19	7 081	1.1	7 282	2KJ1228 - CC13 - R1		283	
0.21	6 418	1.2	6 600	2KJ1228 - CC13 - Q1		283	
0.24	5 665	1.4	5 826	2KJ1228 - CC13 - P1		283	
0.26	5 111	1.6	5 256	2KJ1228 - CC13 - N1		283	
0.29	4 636	1.7	4 767	2KJ1228 - CC13 - M1		283	
0.32	4 223	1.9	4 343	2KJ1228 - CC13 - L1		283	
D.128-Z38-LA71C4							
0.21	6 388	0.8	6 569	2KJ1225 - CC13 - S1		198	
0.24	5 650	0.9	5 810	★ 2KJ1225 - CC13 - R1		198	
0.26	5 121	1.0	5 266	2KJ1225 - CC13 - Q1		198	
0.30	4 520	1.1	4 648	★ 2KJ1225 - CC13 - P1		198	
0.33	4 077	1.3	4 193	2KJ1225 - CC13 - N1		198	
0.36	3 698	1.4	3 803	★ 2KJ1225 - CC13 - M1		198	
0.40	3 369	1.5	3 465	2KJ1225 - CC13 - L1		198	
0.43	3 082	1.7	3 169	★ 2KJ1225 - CC13 - K1		198	
0.48	2 756	1.9	2 834	2KJ1225 - CC13 - J1		198	
0.53	2 530	2.0	2 602	★ 2KJ1225 - CC13 - H1		198	
D.108-Z38-LA71C4							
0.36	3 692	0.84	3 797	2KJ1223 - CC13 - A2		127	
0.38	3 524	0.88	3 624	2KJ1223 - CC13 - X1		127	
0.42	3 134	0.99	3 223	2KJ1223 - CC13 - W1		127	
0.49	2 719	1.1	2 796	2KJ1223 - CC13 - V1		127	
0.52	2 540	1.2	2 612	2KJ1223 - CC13 - U1		127	
0.60	2 234	1.4	2 297	2KJ1223 - CC13 - T1		127	
0.68	1 957	1.6	2 012	2KJ1223 - CC13 - S1		127	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.18	D.108-Z38-LA71C4						
	0.77	1 731	1.8	1 780	2KJ1223 - CC13 - R1		127
	0.85	1 569	2.0	1 613	2KJ1223 - CC13 - Q1		127
	D.88-Z28-LA71C4						
	0.66	2 027	0.83	2 084	★ 2KJ1218 - CC13 - T1		76
	0.74	1 791	0.94	1 842	2KJ1218 - CC13 - S1		76
	0.8	1 654	1.0	1 701	★ 2KJ1218 - CC13 - R1		76
	0.94	1 425	1.2	1 465	2KJ1218 - CC13 - Q1		76
	1.0	1 294	1.3	1 331	★ 2KJ1218 - CC13 - P1		76
	1.1	1 177	1.4	1 210	★ 2KJ1218 - CC13 - N1		76
1.2	1 067	1.6	1 097	2KJ1218 - CC13 - M1		76	
1.4	971	1.7	999	★ 2KJ1218 - CC13 - L1		76	
1.6	859	2.0	883	2KJ1218 - CC13 - K1		76	
D.68-Z28-LA71C4							
1.4	969	0.83	996	2KJ1214 - CC13 - M1		46	
1.5	881	0.91	906	★ 2KJ1214 - CC13 - L1		46	
1.7	779	1.0	801	2KJ1214 - CC13 - K1		46	
1.9	720	1.1	740	★ 2KJ1214 - CC13 - J1		46	
2.2	619	1.3	637	2KJ1214 - CC13 - H1		46	
D.68-LA80S8							
2.4	716	1.1	281.01	2KJ1204 - DB13 - U1	P02	50	
2.7	633	1.3	248.68	★ 2KJ1204 - DB13 - T1	P02	50	
D.68-LA71S6							
3.0	568	1.4	281.01	2KJ1204 - CD13 - U1	P01	46	
3.4	503	1.6	248.68	★ 2KJ1204 - CD13 - T1	P01	46	
3.8	457	1.7	226.07	2KJ1204 - CD13 - S1	P01	46	
4.2	411	1.9	203.09	★ 2KJ1204 - CD13 - R1	P01	46	
D.48-Z28-LA71C4							
2.6	519	0.87	534	2KJ1212 - CC13 - K1		29	
2.8	479	0.94	493	★ 2KJ1212 - CC13 - J1		29	
D.48-LA80S8							
3.2	532	0.85	208.77	★ 2KJ1203 - DB13 - S1	P02	31	
3.6	473	0.95	185.66	2KJ1203 - DB13 - R1	P02	31	
D.48-LA71S6							
4.1	422	1.1	208.77	★ 2KJ1203 - CD13 - S1	P01	27	
4.6	375	1.2	185.66	2KJ1203 - CD13 - R1	P01	27	
5.3	326	1.4	161.05	★ 2KJ1203 - CD13 - Q1	P01	27	
5.6	304	1.5	150.48	2KJ1203 - CD13 - P1	P01	27	
D.48-LA71C4							
6.6	262	1.7	208.77	★ 2KJ1203 - CC13 - S1		27	
7.4	233	1.9	185.66	2KJ1203 - CC13 - R1		27	
D.38-LA71S6							
6.4	270	0.81	133.57	2KJ1202 - CD13 - P1	P01	18	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.18	D.38-LA71C4						
	7.1	241	0.91	191.75	★ 2KJ1202 - CC13 - S1		18
	8.0	214	1.0	170.24	2KJ1202 - CC13 - R1		18
	9.2	187	1.2	149.26	★ 2KJ1202 - CC13 - Q1		18
	10.3	168	1.3	133.57	2KJ1202 - CC13 - P1		18
	11.6	149	1.5	118.55	★ 2KJ1202 - CC13 - N1		18
	13.2	130	1.7	103.89	2KJ1202 - CC13 - M1		18
	15.0	115	1.9	91.34	★ 2KJ1202 - CC13 - L1		18
	16.6	104	2.1	82.52	2KJ1202 - CC13 - K1		18
D.28-LA71C4	10.4	166	0.84	132.35	★ 2KJ1201 - CC13 - H1		10
	12.4	139	1.0	110.86	2KJ1201 - CC13 - G1		10
	14.5	119	1.2	94.52	★ 2KJ1201 - CC13 - F1		10
	17.1	101	1.4	80.34	★ 2KJ1201 - CC13 - E1		10
	19.6	88	1.6	69.82	2KJ1201 - CC13 - D1		10
	22	76	1.8	60.77	★ 2KJ1201 - CC13 - C1		10
Z.28-LA71C4	27	64	2.2	51.35	2KJ1101 - CC13 - C2		10
	32	54	2.6	43.3	★ 2KJ1101 - CC13 - B2		10
	36	48	2.9	38.45	2KJ1101 - CC13 - A2		10
	41	42	3.3	33.71	★ 2KJ1101 - CC13 - X1		10
	45	38	3.7	30.16	2KJ1101 - CC13 - W1		10
	51	34	4.2	26.77	★ 2KJ1101 - CC13 - V1		10
	58	29	4.8	23.46	2KJ1101 - CC13 - U1		10
	66	26	5.4	20.63	★ 2KJ1101 - CC13 - T1		10
	74	23	6.0	18.63	2KJ1101 - CC13 - S1		10
	84	20	6.9	16.24	★ 2KJ1101 - CC13 - R1		10
	94	18	7.7	14.58	2KJ1101 - CC13 - Q1		10
	104	16	8.5	13.17	★ 2KJ1101 - CC13 - P1		10
	115	15	9.3	11.94	2KJ1101 - CC13 - N1		10
	126	14	10.3	10.87	★ 2KJ1101 - CC13 - M1		10
	143	12	11.6	9.61	2KJ1101 - CC13 - L1		10
	154	11	12.6	8.87	★ 2KJ1101 - CC13 - K1		10
	179	9.6	14.2	7.64	2KJ1101 - CC13 - J1		10
	217	7.9	12.0	6.31	★ 2KJ1101 - CC13 - G1		10
	240	7.2	13.0	5.72	2KJ1101 - CC13 - F1		10
263	6.5	14.1	5.21	★ 2KJ1101 - CC13 - E1		10	
D.18-LA71C4	17.4	99	0.91	78.56	★ 2KJ1200 - CC13 - G1		9
	20	84	1.1	66.78	★ 2KJ1200 - CC13 - F1		9
	24	73	1.2	58.03	2KJ1200 - CC13 - E1		9
	27	63	1.4	50.51	★ 2KJ1200 - CC13 - D1		9

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.18	Z.18-LA71C4						
	32	54	1.7	43.15	2KJ1100 - CC13 - U1		9
	37	47	1.9	37.23	★ 2KJ1100 - CC13 - T1		9
	43	40	2.2	31.98	2KJ1100 - CC13 - S1		9
	46	37	2.4	29.45	★ 2KJ1100 - CC13 - R1		9
	51	34	2.7	26.77	2KJ1100 - CC13 - Q1		9
	58	30	3.0	23.69	★ 2KJ1100 - CC13 - P1		9
	69	25	3.6	19.85	2KJ1100 - CC13 - N1		9
	81	21	4.2	16.92	★ 2KJ1100 - CC13 - M1		9
	95	18	5.0	14.38	★ 2KJ1100 - CC13 - L1		9
	110	16	5.7	12.5	2KJ1100 - CC13 - K1		9
	126	14	6.4	10.88	★ 2KJ1100 - CC13 - J1		9
	140	12	6.7	9.81	2KJ1100 - CC13 - H1		9
	158	11	7.4	8.66	2KJ1100 - CC13 - G1		9
	185	9.3	5.9	7.42	★ 2KJ1100 - CC13 - F1		9
	212	8.1	6.5	6.45	2KJ1100 - CC13 - E1		9
	244	7	7.2	5.61	★ 2KJ1100 - CC13 - D1		9
	271	6.3	7.7	5.06	2KJ1100 - CC13 - C1		9
	306	5.6	8.7	4.47	2KJ1100 - CC13 - B1		9
	383	4.5	10.2	3.58	★ 2KJ1100 - CC13 - A1		9
0.25	E.38-LA71C4						
	147	12	2.7	9.33	★ 2KJ1001 - CC13 - S1		13
	165	10	3.1	8.3	2KJ1001 - CC13 - R1		13
	190	9	4.2	7.2	★ 2KJ1001 - CC13 - Q1		13
0.25	D.188-D48-LA71S4						
	0.08	23 171	0.86	16 361	★ 2KJ1236 - CD13 - D1		604
	0.09	21 112	0.95	14 907	2KJ1236 - CD13 - C1		604
	D.188-Z48-LA71S4						
	0.11	18 098	1.1	12 504	2KJ1235 - CD13 - X1		603
	0.12	16 016	1.2	11 066	★ 2KJ1235 - CD13 - W1		603
	0.15	13 080	1.5	9 037	★ 2KJ1235 - CD13 - V1		603
	0.17	11 211	1.8	7 746	2KJ1235 - CD13 - U1		603
	0.19	10 143	2.0	7 008	★ 2KJ1235 - CD13 - T1		603
	D.168-Z48-LA71S4						
	0.12	15 708	0.89	10 853	2KJ1232 - CD13 - U1		459
	0.14	14 212	0.99	9 819	★ 2KJ1232 - CD13 - T1		459
	0.15	13 119	1.1	9 064	2KJ1232 - CD13 - S1		459
0.17	11 407	1.2	7 881	★ 2KJ1232 - CD13 - R1		459	
0.19	10 357	1.4	7 156	2KJ1232 - CD13 - Q1		459	
0.21	9 457	1.5	6 534	★ 2KJ1232 - CD13 - P1		459	
0.22	8 677	1.6	5 995	2KJ1232 - CD13 - N1		459	
0.24	7 994	1.8	5 523	★ 2KJ1232 - CD13 - M1		459	
0.27	7 260	1.9	5 016	2KJ1232 - CD13 - L1		459	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.25	D.148-Z38-LA71S4						
	0.20	9 553	0.84	6 600	2KJ1228 - ■ CD13 - ■■ Q1		283
	0.23	8 432	0.95	5 826	2KJ1228 - ■ CD13 - ■■ P1		283
	0.26	7 607	1.1	5 256	2KJ1228 - ■ CD13 - ■■ N1		283
	0.28	6 900	1.2	4 767	2KJ1228 - ■ CD13 - ■■ M1		283
	0.31	6 286	1.3	4 343	2KJ1228 - ■ CD13 - ■■ L1		283
	0.34	5 749	1.4	3 972	2KJ1228 - ■ CD13 - ■■ K1		283
	0.38	5 141	1.6	3 552	2KJ1228 - ■ CD13 - ■■ J1		283
	0.41	4 720	1.7	3 261	2KJ1228 - ■ CD13 - ■■ H1		283
	0.46	4 254	1.9	2 939	2KJ1228 - ■ CD13 - ■■ G1		283
	D.128-Z38-LA71S4						
	0.32	6 069	0.84	4 193	2KJ1225 - ■ CD13 - ■■ N1		198
	0.36	5 504	0.93	3 803	★ 2KJ1225 - ■ CD13 - ■■ M1		198
	0.39	5 015	1.0	3 465	2KJ1225 - ■ CD13 - ■■ L1		198
	0.43	4 587	1.1	3 169	★ 2KJ1225 - ■ CD13 - ■■ K1		198
	0.48	4 102	1.2	2 834	2KJ1225 - ■ CD13 - ■■ J1		198
	0.52	3 766	1.4	2 602	★ 2KJ1225 - ■ CD13 - ■■ H1		198
	0.58	3 394	1.5	2 345	2KJ1225 - ■ CD13 - ■■ G1		198
	0.67	2 911	1.8	2 011	★ 2KJ1225 - ■ CD13 - ■■ E1		198
	0.67	2 919	1.7	2 017	★ 2KJ1225 - ■ CD13 - ■■ F1		198
0.75	2 602	2.0	1 798	2KJ1225 - ■ CD13 - ■■ D1		198	
	D.108-Z38-LA71S4						
	0.52	3 780	0.82	2 612	2KJ1223 - ■ CD13 - ■■ U1		127
	0.59	3 325	0.93	2 297	2KJ1223 - ■ CD13 - ■■ T1		127
	0.67	2 912	1.1	2 012	2KJ1223 - ■ CD13 - ■■ S1		127
	0.76	2 576	1.2	1 780	2KJ1223 - ■ CD13 - ■■ R1		127
	0.84	2 335	1.3	1 613	2KJ1223 - ■ CD13 - ■■ Q1		127
	0.95	2 061	1.5	1 424	2KJ1223 - ■ CD13 - ■■ P1		127
	1.1	1 858	1.7	1 284	2KJ1223 - ■ CD13 - ■■ N1		127
	1.2	1 686	1.8	1 165	2KJ1223 - ■ CD13 - ■■ M1		127
	1.3	1 536	2.0	1 061	2KJ1223 - ■ CD13 - ■■ L1		127
	D.88-Z28-LA71S4						
	1.0	1 926	0.87	1 331	★ 2KJ1218 - ■ CD13 - ■■ P1		76
	1.1	1 751	0.96	1 210	★ 2KJ1218 - ■ CD13 - ■■ N1		76
	1.2	1 588	1.1	1 097	2KJ1218 - ■ CD13 - ■■ M1		76
	1.4	1 446	1.2	999	★ 2KJ1218 - ■ CD13 - ■■ L1		76
	1.5	1 278	1.3	883	2KJ1218 - ■ CD13 - ■■ K1		76
	1.7	1 180	1.4	815	★ 2KJ1218 - ■ CD13 - ■■ J1		76
	1.9	1 016	1.7	702	2KJ1218 - ■ CD13 - ■■ H1		76
	2.1	936	1.8	647	★ 2KJ1218 - ■ CD13 - ■■ G1		76
		D.88-LA80M8					
2.3		1 047	1.6	300.41	★ 2KJ1205 - ■ DC13 - ■■ V1	P02	82
2.5		944	1.8	270.9	2KJ1205 - ■ DC13 - ■■ U1	P02	82
2.8	851	2.0	244.29	★ 2KJ1205 - ■ DC13 - ■■ T1	P02	82	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.25	D.88-LA71M6						
	2.9	834	2.0	300.41	★ 2KJ1205 - ■CE13 - ■■V1	P01	78
	D.68-Z28-LA71S4						
	2.1	922	0.87	637	2KJ1214 - ■CD13 - ■■H1		46
	2.2	879	0.91	607	★ 2KJ1214 - ■CD13 - ■■G1		46
	D.68-LA80M8						
	2.4	979	0.82	281.01	2KJ1204 - ■DC13 - ■■U1	P02	50
	2.8	867	0.92	248.68	★ 2KJ1204 - ■DC13 - ■■T1	P02	50
	D.68-LA71M6						
	3.1	780	1.0	281.01	2KJ1204 - ■CE13 - ■■U1	P01	46
	3.5	690	1.2	248.68	★ 2KJ1204 - ■CE13 - ■■T1	P01	46
	3.8	628	1.3	226.07	2KJ1204 - ■CE13 - ■■S1	P01	46
	4.2	564	1.4	203.09	★ 2KJ1204 - ■CE13 - ■■R1	P01	46
	D.68-LA71S4						
	4.8	497	1.6	281.01	2KJ1204 - ■CD13 - ■■U1		46
	5.4	440	1.8	248.68	★ 2KJ1204 - ■CD13 - ■■T1		46
	6.0	400	2.0	226.07	2KJ1204 - ■CD13 - ■■S1		46
	D.48-LA71M6						
	4.6	515	0.87	185.66	2KJ1203 - ■CE13 - ■■R1	P01	27
	5.3	447	1.0	161.05	★ 2KJ1203 - ■CE13 - ■■Q1	P01	27
5.7	418	1.1	150.48	2KJ1203 - ■CE13 - ■■P1	P01	27	
D.48-LA71S4							
6.5	369	1.2	208.77	★ 2KJ1203 - ■CD13 - ■■S1		27	
7.3	328	1.4	185.66	2KJ1203 - ■CD13 - ■■R1		27	
8.4	285	1.6	161.05	★ 2KJ1203 - ■CD13 - ■■Q1		27	
9.0	266	1.7	150.48	2KJ1203 - ■CD13 - ■■P1		27	
10.2	234	1.9	132.34	★ 2KJ1203 - ■CD13 - ■■N1		27	
11.6	205	2.2	115.91	2KJ1203 - ■CD13 - ■■M1		27	
D.38-LA71S4							
9.0	264	0.83	149.26	★ 2KJ1202 - ■CD13 - ■■Q1		18	
10.1	236	0.93	133.57	2KJ1202 - ■CD13 - ■■P1		18	
11.4	210	1.0	118.55	★ 2KJ1202 - ■CD13 - ■■N1		18	
13.0	184	1.2	103.89	2KJ1202 - ■CD13 - ■■M1		18	
14.8	162	1.4	91.34	★ 2KJ1202 - ■CD13 - ■■L1		18	
16.4	146	1.5	82.52	2KJ1202 - ■CD13 - ■■K1		18	
18.8	127	1.7	71.91	★ 2KJ1202 - ■CD13 - ■■J1		18	
21	114	1.9	64.58	2KJ1202 - ■CD13 - ■■H1		18	
23	103	2.1	58.3	★ 2KJ1202 - ■CD13 - ■■G1		18	
26	94	2.4	52.86	2KJ1202 - ■CD13 - ■■F1		18	
D.28-LA71S4							
14.3	167	0.84	94.52	★ 2KJ1201 - ■CD13 - ■■F1		10	
16.8	142	0.99	80.34	★ 2KJ1201 - ■CD13 - ■■E1		10	
19.3	123	1.1	69.82	2KJ1201 - ■CD13 - ■■D1		10	
22	107	1.3	60.77	★ 2KJ1201 - ■CD13 - ■■C1		10	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.25	Z.28-LA71S4						
	26	91	1.5	51.35	2KJ1101 - ■ CD13 - ■■ C2		10
	31	77	1.8	43.3	★ 2KJ1101 - ■ CD13 - ■■ B2		10
	35	68	2.1	38.45	2KJ1101 - ■ CD13 - ■■ A2		10
	40	60	2.3	33.71	★ 2KJ1101 - ■ CD13 - ■■ X1		10
	45	53	2.6	30.16	2KJ1101 - ■ CD13 - ■■ W1		10
	50	47	3.0	26.77	★ 2KJ1101 - ■ CD13 - ■■ V1		10
	58	42	3.4	23.46	2KJ1101 - ■ CD13 - ■■ U1		10
	65	36	3.8	20.63	★ 2KJ1101 - ■ CD13 - ■■ T1		10
	72	33	4.2	18.63	2KJ1101 - ■ CD13 - ■■ S1		10
	83	29	4.9	16.24	★ 2KJ1101 - ■ CD13 - ■■ R1		10
	93	26	5.4	14.58	2KJ1101 - ■ CD13 - ■■ Q1		10
	103	23	6.0	13.17	★ 2KJ1101 - ■ CD13 - ■■ P1		10
	113	21	6.6	11.94	2KJ1101 - ■ CD13 - ■■ N1		10
	124	19	7.3	10.87	★ 2KJ1101 - ■ CD13 - ■■ M1		10
	140	17	8.2	9.61	2KJ1101 - ■ CD13 - ■■ L1		10
	152	16	8.9	8.87	★ 2KJ1101 - ■ CD13 - ■■ K1		10
	177	14	10.1	7.64	2KJ1101 - ■ CD13 - ■■ J1		10
	195	12	10.8	6.94	★ 2KJ1101 - ■ CD13 - ■■ H1		10
	214	11	8.5	6.31	★ 2KJ1101 - ■ CD13 - ■■ G1		10
236	10	9.2	5.72	2KJ1101 - ■ CD13 - ■■ F1		10	
259	9.2	10.0	5.21	★ 2KJ1101 - ■ CD13 - ■■ E1		10	
293	8.1	10.8	4.6	2KJ1101 - ■ CD13 - ■■ D1		10	
318	7.5	12.0	4.25	★ 2KJ1101 - ■ CD13 - ■■ C1		10	
369	6.5	12.4	3.66	2KJ1101 - ■ CD13 - ■■ B1		10	
405	5.9	13.1	3.33	★ 2KJ1101 - ■ CD13 - ■■ A1		10	
D.18-LA71S4							
23	103	0.88	58.03	2KJ1200 - ■ CD13 - ■■ E1		9	
27	89	1.0	50.51	★ 2KJ1200 - ■ CD13 - ■■ D1		9	
Z.18-LA71S4							
31	76	1.2	43.15	2KJ1100 - ■ CD13 - ■■ U1		9	
36	66	1.4	37.23	★ 2KJ1100 - ■ CD13 - ■■ T1		9	
42	57	1.6	31.98	2KJ1100 - ■ CD13 - ■■ S1		9	
46	52	1.7	29.45	★ 2KJ1100 - ■ CD13 - ■■ R1		9	
50	47	1.9	26.77	2KJ1100 - ■ CD13 - ■■ Q1		9	
57	42	2.1	23.69	★ 2KJ1100 - ■ CD13 - ■■ P1		9	
68	35	2.6	19.85	2KJ1100 - ■ CD13 - ■■ N1		9	
80	30	3.0	16.92	★ 2KJ1100 - ■ CD13 - ■■ M1		9	
94	25	3.5	14.38	★ 2KJ1100 - ■ CD13 - ■■ L1		9	
108	22	4.1	12.5	2KJ1100 - ■ CD13 - ■■ K1		9	
124	19	4.5	10.88	★ 2KJ1100 - ■ CD13 - ■■ J1		9	
138	17	4.8	9.81	2KJ1100 - ■ CD13 - ■■ H1		9	
156	15	5.2	8.66	2KJ1100 - ■ CD13 - ■■ G1		9	
182	13	4.2	7.42	★ 2KJ1100 - ■ CD13 - ■■ F1		9	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.25	Z.18-LA71S4						
	209	11	4.6	6.45	2KJ1100 - ■CD13 - ■■E1		9
	241	9.9	5.1	5.61	★ 2KJ1100 - ■CD13 - ■■D1		9
	267	8.9	5.5	5.06	2KJ1100 - ■CD13 - ■■C1		9
	302	7.9	6.2	4.47	2KJ1100 - ■CD13 - ■■B1		9
	377	6.3	7.3	3.58	★ 2KJ1100 - ■CD13 - ■■A1		9
	E.48-LA71S4						
	119	20	2.8	11.3	2KJ1002 - ■CD13 - ■■U1		16
	149	16	4.0	9.09	2KJ1002 - ■CD13 - ■■S1		16
	E.38-LA71S4						
145	16	1.9	9.33	★ 2KJ1001 - ■CD13 - ■■S1		13	
163	15	2.2	8.3	2KJ1001 - ■CD13 - ■■R1		13	
188	13	3.0	7.2	★ 2KJ1001 - ■CD13 - ■■Q1		13	
201	12	4.0	6.73	2KJ1001 - ■CD13 - ■■P1		13	
0.37	D.188-Z48-LA71M4						
	0.12	24 391	0.82	11 066	★ 2KJ1235 - ■CE13 - ■■W1		603
	0.15	19 919	1.0	9 037	★ 2KJ1235 - ■CE13 - ■■V1		603
	0.18	17 073	1.2	7 746	2KJ1235 - ■CE13 - ■■U1		603
	0.20	15 447	1.3	7 008	★ 2KJ1235 - ■CE13 - ■■T1		603
	0.21	14 259	1.4	6 469	2KJ1235 - ■CE13 - ■■S1		603
	0.24	12 398	1.6	5 625	★ 2KJ1235 - ■CE13 - ■■R1		603
	0.27	11 257	1.8	5 107	2KJ1235 - ■CE13 - ■■Q1		603
	0.29	10 278	1.9	4 663	★ 2KJ1235 - ■CE13 - ■■P1		603
	D.168-Z48-LA71M4						
	0.17	17 371	0.81	7 881	★ 2KJ1232 - ■CE13 - ■■R1		459
	0.19	15 773	0.89	7 156	2KJ1232 - ■CE13 - ■■Q1		459
	0.21	14 402	0.97	6 534	★ 2KJ1232 - ■CE13 - ■■P1		459
	0.23	13 214	1.1	5 995	2KJ1232 - ■CE13 - ■■N1		459
0.25	12 174	1.2	5 523	★ 2KJ1232 - ■CE13 - ■■M1		459	
0.27	11 056	1.3	5 016	2KJ1232 - ■CE13 - ■■L1		459	
0.3	10 071	1.4	4 569	★ 2KJ1232 - ■CE13 - ■■K1		459	
0.33	9 227	1.5	4 186	2KJ1232 - ■CE13 - ■■J1		459	
0.37	8 233	1.7	3 735	★ 2KJ1232 - ■CE13 - ■■H1		459	
D.148-Z38-LA71M4							
0.32	9 573	0.84	4 343	2KJ1228 - ■CE13 - ■■L1		283	
0.34	8 755	0.91	3 972	2KJ1228 - ■CE13 - ■■K1		283	
0.39	7 829	1.0	3 552	2KJ1228 - ■CE13 - ■■J1		283	
0.42	7 188	1.1	3 261	2KJ1228 - ■CE13 - ■■H1		283	
0.47	6 478	1.2	2 939	2KJ1228 - ■CE13 - ■■G1		283	
0.54	5 557	1.4	2 521	2KJ1228 - ■CE13 - ■■E1		283	
0.54	5 572	1.4	2 528	2KJ1228 - ■CE13 - ■■F1		283	
0.61	4 968	1.6	2 254	2KJ1228 - ■CE13 - ■■D1		283	
0.66	4 563	1.8	2 070	2KJ1228 - ■CE13 - ■■C1		283	
0.74	4 111	1.9	1 865	2KJ1228 - ■CE13 - ■■B1		283	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.37	D.128-Z48-LA71M4						
	1.1	2 801	1.8	1 271	2KJ1227 - ■CE13 - ■■P1		208
	1.2	2 570	2.0	1 166	2KJ1227 - ■CE13 - ■■N1		208
	D.128-Z38-LA71M4						
	0.48	6 247	0.82	2 834	2KJ1225 - ■CE13 - ■■J1		198
	0.53	5 735	0.89	2 602	★ 2KJ1225 - ■CE13 - ■■H1		198
	0.58	5 169	0.99	2 345	2KJ1225 - ■CE13 - ■■G1		198
	0.68	4 433	1.2	2 011	★ 2KJ1225 - ■CE13 - ■■E1		198
	0.68	4 446	1.1	2 017	★ 2KJ1225 - ■CE13 - ■■F1		198
	0.76	3 963	1.3	1 798	2KJ1225 - ■CE13 - ■■D1		198
	0.83	3 639	1.4	1 651	★ 2KJ1225 - ■CE13 - ■■C1		198
	0.92	3 280	1.6	1 488	2KJ1225 - ■CE13 - ■■B1		198
	1.1	2 821	1.8	1 280	★ 2KJ1225 - ■CE13 - ■■A1		198
	D.108-Z38-LA71M4						
	0.85	3 555	0.87	1 613	2KJ1223 - ■CE13 - ■■Q1		127
	0.96	3 139	0.99	1 424	2KJ1223 - ■CE13 - ■■P1		127
	1.1	2 830	1.1	1 284	2KJ1223 - ■CE13 - ■■N1		127
	1.2	2 568	1.2	1 165	2KJ1223 - ■CE13 - ■■M1		127
	1.3	2 339	1.3	1 061	2KJ1223 - ■CE13 - ■■L1		127
	1.4	2 140	1.4	971	2KJ1223 - ■CE13 - ■■K1		127
	1.6	1 913	1.6	868	2KJ1223 - ■CE13 - ■■J1		127
	1.7	1 757	1.8	797	2KJ1223 - ■CE13 - ■■H1		127
	D.108-LA90SA8						
	1.9	1 881	1.6	359.3	2KJ1206 - ■EB13 - ■■V1	P02	133
2.1	1 702	1.8	325.21	★ 2KJ1206 - ■EB13 - ■■U1	P02	133	
	D.88-Z28-LA71M4						
	1.6	1 946	0.86	883	2KJ1218 - ■CE13 - ■■K1		76
	1.7	1 796	0.94	815	★ 2KJ1218 - ■CE13 - ■■J1		76
	2.0	1 547	1.1	702	2KJ1218 - ■CE13 - ■■H1		76
2.1	1 426	1.2	647	★ 2KJ1218 - ■CE13 - ■■G1		76	
	D.88-LA90SA8						
	2.2	1 573	1.1	300.41	★ 2KJ1205 - ■EB13 - ■■V1	P02	85
	2.5	1 418	1.2	270.9	2KJ1205 - ■EB13 - ■■U1	P02	85
2.8	1 279	1.3	244.29	★ 2KJ1205 - ■EB13 - ■■T1	P02	85	
	D.88-LA80S6						
	3.1	1 154	1.5	300.41	★ 2KJ1205 - ■DB13 - ■■V1	P01	82
	3.4	1 040	1.6	270.9	2KJ1205 - ■DB13 - ■■U1	P01	82
	3.8	938	1.8	244.29	★ 2KJ1205 - ■DB13 - ■■T1	P01	82
4.3	821	2.0	213.64	2KJ1205 - ■DB13 - ■■S1	P01	82	
	D.68-LA80S6						
	3.7	955	0.84	248.68	★ 2KJ1204 - ■DB13 - ■■T1	P01	50
	4.1	868	0.92	226.07	2KJ1204 - ■DB13 - ■■S1	P01	50
4.5	780	1.0	203.09	★ 2KJ1204 - ■DB13 - ■■R1	P01	50	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.37	D.68-LA71M4						
	4.9	725	1.1	281.01	2KJ1204 - ■CE13 - ■■U1		46
	5.5	641	1.2	248.68	★ 2KJ1204 - ■CE13 - ■■T1		46
	6.1	583	1.4	226.07	2KJ1204 - ■CE13 - ■■S1		46
	6.7	524	1.5	203.09	★ 2KJ1204 - ■CE13 - ■■R1		46
	7.9	449	1.8	174.08	2KJ1204 - ■CE13 - ■■Q1		46
	8.7	406	2.0	157.5	★ 2KJ1204 - ■CE13 - ■■P1		46
	9.4	375	2.1	145.38	2KJ1204 - ■CE13 - ■■N1		46
	D.48-LA71M4						
	6.6	538	0.84	208.77	★ 2KJ1203 - ■CE13 - ■■S1		27
	7.4	479	0.94	185.66	2KJ1203 - ■CE13 - ■■R1		27
	8.5	415	1.1	161.05	★ 2KJ1203 - ■CE13 - ■■Q1		27
	9.1	388	1.2	150.48	2KJ1203 - ■CE13 - ■■P1		27
	10.4	341	1.3	132.34	★ 2KJ1203 - ■CE13 - ■■N1		27
11.8	299	1.5	115.91	2KJ1203 - ■CE13 - ■■M1		27	
13.4	264	1.7	102.52	★ 2KJ1203 - ■CE13 - ■■L1		27	
14.7	240	1.9	92.91	2KJ1203 - ■CE13 - ■■K1		27	
16.7	212	2.1	82.02	★ 2KJ1203 - ■CE13 - ■■J1		27	
Z.48-LA71M4							
27	132	2.2	51.28	2KJ1103 - ■CE13 - ■■A2		27	
D.38-LA71M4							
13.2	268	0.82	103.89	2KJ1202 - ■CE13 - ■■M1		18	
15.0	236	0.93	91.34	★ 2KJ1202 - ■CE13 - ■■L1		18	
16.6	213	1.0	82.52	2KJ1202 - ■CE13 - ■■K1		18	
19.1	185	1.2	71.91	★ 2KJ1202 - ■CE13 - ■■J1		18	
21	167	1.3	64.58	2KJ1202 - ■CE13 - ■■H1		18	
24	150	1.5	58.3	★ 2KJ1202 - ■CE13 - ■■G1		18	
26	136	1.6	52.86	2KJ1202 - ■CE13 - ■■F1		18	
Z.38-LA71M4							
31	114	1.9	44.12	★ 2KJ1102 - ■CE13 - ■■A2		17	
35	101	2.1	39.24	2KJ1102 - ■CE13 - ■■X1		17	
40	88	2.5	34.04	★ 2KJ1102 - ■CE13 - ■■W1		17	
43	82	2.7	31.8	2KJ1102 - ■CE13 - ■■V1		17	
D.28-LA71M4							
22	157	0.89	60.77	★ 2KJ1201 - ■CE13 - ■■C1		10	
Z.28-LA71M4							
27	132	1.1	51.35	2KJ1101 - ■CE13 - ■■C2		10	
32	112	1.3	43.3	★ 2KJ1101 - ■CE13 - ■■B2		10	
36	99	1.4	38.45	2KJ1101 - ■CE13 - ■■A2		10	
41	87	1.6	33.71	★ 2KJ1101 - ■CE13 - ■■X1		10	
45	78	1.8	30.16	2KJ1101 - ■CE13 - ■■W1		10	
51	69	2.0	26.77	★ 2KJ1101 - ■CE13 - ■■V1		10	
58	60	2.3	23.46	2KJ1101 - ■CE13 - ■■U1		10	
66	53	2.6	20.63	★ 2KJ1101 - ■CE13 - ■■T1		10	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.37	Z.28-LA71M4						
	74	48	2.9	18.63	2KJ1101 - ■CE13 - ■■S1		10
	84	42	3.3	16.24	★ 2KJ1101 - ■CE13 - ■■R1		10
	Z.18-LA71M4						
	32	111	0.81	43.15	2KJ1100 - ■CE13 - ■■U1		9
	37	96	0.94	37.23	★ 2KJ1100 - ■CE13 - ■■T1		9
	43	82	1.1	31.98	2KJ1100 - ■CE13 - ■■S1		9
	46	76	1.2	29.45	★ 2KJ1100 - ■CE13 - ■■R1		9
	51	69	1.3	26.77	2KJ1100 - ■CE13 - ■■Q1		9
	58	61	1.5	23.69	★ 2KJ1100 - ■CE13 - ■■P1		9
	69	51	1.8	19.85	2KJ1100 - ■CE13 - ■■N1		9
	81	44	2.1	16.92	★ 2KJ1100 - ■CE13 - ■■M1		9
	95	37	2.4	14.38	★ 2KJ1100 - ■CE13 - ■■L1		9
	110	32	2.8	12.5	2KJ1100 - ■CE13 - ■■K1		9
	126	28	3.1	10.88	★ 2KJ1100 - ■CE13 - ■■J1		9
	140	25	3.3	9.81	2KJ1100 - ■CE13 - ■■H1		9
	158	22	3.6	8.66	2KJ1100 - ■CE13 - ■■G1		9
	185	19	2.9	7.42	★ 2KJ1100 - ■CE13 - ■■F1		9
	212	17	3.2	6.45	2KJ1100 - ■CE13 - ■■E1		9
	244	14	3.5	5.61	★ 2KJ1100 - ■CE13 - ■■D1		9
271	13	3.8	5.06	2KJ1100 - ■CE13 - ■■C1		9	
306	12	4.3	4.47	2KJ1100 - ■CE13 - ■■B1		9	
383	9.2	5.0	3.58	★ 2KJ1100 - ■CE13 - ■■A1		9	
E.68-LA71M4							
110	32	2.5	12.4	★ 2KJ1003 - ■CE13 - ■■W1		26	
123	29	3.2	11.18	2KJ1003 - ■CE13 - ■■V1		26	
136	26	3.7	10.08	★ 2KJ1003 - ■CE13 - ■■U1		26	
E.48-LA71M4							
121	29	1.9	11.3	2KJ1002 - ■CE13 - ■■U1		16	
137	26	3.1	10	★ 2KJ1002 - ■CE13 - ■■T1		16	
151	23	2.7	9.09	2KJ1002 - ■CE13 - ■■S1		16	
168	21	4.0	8.17	★ 2KJ1002 - ■CE13 - ■■R1		16	
E.38-LA71M4							
147	24	1.3	9.33	★ 2KJ1001 - ■CE13 - ■■S1		13	
165	21	1.5	8.3	2KJ1001 - ■CE13 - ■■R1		13	
190	19	2.0	7.2	★ 2KJ1001 - ■CE13 - ■■Q1		13	
204	17	2.8	6.73	2KJ1001 - ■CE13 - ■■P1		13	
231	15	3.5	5.92	★ 2KJ1001 - ■CE13 - ■■N1		13	
0.55	D.188-Z48-LA71ZMP4						
	0.20	23 625	0.85	7 008	★ 2KJ1235 - ■CG13 - ■■T1		603
	0.21	21 808	0.92	6 469	2KJ1235 - ■CG13 - ■■S1		603
	0.24	18 962	1.1	5 625	★ 2KJ1235 - ■CG13 - ■■R1		603
	0.27	17 216	1.2	5 107	2KJ1235 - ■CG13 - ■■Q1		603
	0.29	15 719	1.3	4 663	★ 2KJ1235 - ■CG13 - ■■P1		603

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.55	D.188-Z48-LA71ZMP4						
	0.32	14 425	1.4	4 279	2KJ1235 - ■CG13 - ■■N1		603
	0.35	13 289	1.5	3 942	★ 2KJ1235 - ■CG13 - ■■M1		603
	0.38	12 068	1.7	3 580	2KJ1235 - ■CG13 - ■■L1		603
	0.42	10 993	1.8	3 261	★ 2KJ1235 - ■CG13 - ■■K1		603
	0.46	10 073	2.0	2 988	2KJ1235 - ■CG13 - ■■J1		603
	D.168-Z48-LA71ZMP4						
	0.27	16 909	0.83	5 016	2KJ1232 - ■CG13 - ■■L1		459
	0.30	15 402	0.91	4 569	★ 2KJ1232 - ■CG13 - ■■K1		459
	0.33	14 111	0.99	4 186	2KJ1232 - ■CG13 - ■■J1		459
	0.37	12 591	1.1	3 735	★ 2KJ1232 - ■CG13 - ■■H1		459
	0.59	7 818	1.8	2 319	★ 2KJ1232 - ■CG13 - ■■D1		459
	D.148-Z48-LA71ZMP4						
	0.84	5 498	1.5	1 631	2KJ1231 - ■CG13 - ■■N1		292
	0.91	5 063	1.6	1 502	2KJ1231 - ■CG13 - ■■M1		292
1	4 598	1.7	1 364	2KJ1231 - ■CG13 - ■■L1		292	
1.1	4 190	1.9	1 243	2KJ1231 - ■CG13 - ■■K1		292	
D.148-Z38-LA71ZMP4							
0.47	9 908	0.81	2 939	2KJ1228 - ■CG13 - ■■G1		283	
0.54	8 498	0.94	2 521	2KJ1228 - ■CG13 - ■■E1		283	
0.54	8 522	0.94	2 528	2KJ1228 - ■CG13 - ■■F1		283	
0.61	7 598	1.1	2 254	2KJ1228 - ■CG13 - ■■D1		283	
0.66	6 978	1.1	2 070	2KJ1228 - ■CG13 - ■■C1		283	
0.74	6 287	1.3	1 865	2KJ1228 - ■CG13 - ■■B1		283	
0.85	5 407	1.5	1 604	2KJ1228 - ■CG13 - ■■A1		283	
D.128-Z38-LA71ZMP4							
0.76	6 061	0.84	1 798	2KJ1225 - ■CG13 - ■■D1		198	
0.83	5 566	0.92	1 651	★ 2KJ1225 - ■CG13 - ■■C1		198	
0.92	5 016	1.0	1 488	2KJ1225 - ■CG13 - ■■B1		198	
1.1	4 315	1.2	1 280	★ 2KJ1225 - ■CG13 - ■■A1		198	
D.128-Z48-LA71ZMP4							
1.1	4 285	1.2	1 271	2KJ1227 - ■CG13 - ■■P1		208	
1.2	3 931	1.3	1 166	2KJ1227 - ■CG13 - ■■N1		208	
1.3	3 621	1.4	1 074	2KJ1227 - ■CG13 - ■■M1		208	
1.4	3 287	1.6	975	2KJ1227 - ■CG13 - ■■L1		208	
1.5	2 997	1.7	889	2KJ1227 - ■CG13 - ■■K1		208	
1.7	2 744	1.9	814	2KJ1227 - ■CG13 - ■■J1		208	
D.108-Z38-LA71ZMP4							
1.3	3 577	0.87	1 061	2KJ1223 - ■CG13 - ■■L1		127	
1.4	3 273	0.95	971	2KJ1223 - ■CG13 - ■■K1		127	
1.6	2 926	1.1	868	2KJ1223 - ■CG13 - ■■J1		127	
1.7	2 687	1.2	797	2KJ1223 - ■CG13 - ■■H1		127	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.55	D.108-LA90LA8						
	1.9	2 796	1.1	359.3	2KJ1206 - ■EE13 - ■■V1	P02	136
	2.1	2 531	1.2	325.21	★ 2KJ1206 - ■EE13 - ■■U1	P02	136
	2.4	2 216	1.4	284.73	2KJ1206 - ■EE13 - ■■T1	P02	136
	D.108-LA80M6						
	2.5	2 074	1.5	359.3	2KJ1206 - ■DC13 - ■■V1	P01	130
	2.8	1 877	1.7	325.21	★ 2KJ1206 - ■DC13 - ■■U1	P01	130
	3.2	1 643	1.9	284.73	2KJ1206 - ■DC13 - ■■T1	P01	130
	D.88-LA90LA8						
	2.5	2 108	0.8	270.9	2KJ1205 - ■EE13 - ■■U1	P02	88
	2.8	1 901	0.88	244.29	★ 2KJ1205 - ■EE13 - ■■T1	P02	88
	D.88-LA80M6						
	3.0	1 734	0.97	300.41	★ 2KJ1205 - ■DC13 - ■■V1	P01	82
	3.4	1 564	1.1	270.9	2KJ1205 - ■DC13 - ■■U1	P01	82
	3.7	1 410	1.2	244.29	★ 2KJ1205 - ■DC13 - ■■T1	P01	82
4.3	1 233	1.4	213.64	2KJ1205 - ■DC13 - ■■S1	P01	82	
D.88-LA71ZMP4							
4.6	1 152	1.5	300.41	★ 2KJ1205 - ■CG13 - ■■V1		78	
5.1	1 039	1.6	270.9	2KJ1205 - ■CG13 - ■■U1		78	
5.6	937	1.8	244.29	★ 2KJ1205 - ■CG13 - ■■T1		78	
6.4	819	2.1	213.64	2KJ1205 - ■CG13 - ■■S1		78	
D.68-LA71ZMP4							
5.5	953	0.84	248.68	★ 2KJ1204 - ■CG13 - ■■T1		46	
6.1	867	0.92	226.07	2KJ1204 - ■CG13 - ■■S1		46	
6.7	779	1	203.09	★ 2KJ1204 - ■CG13 - ■■R1		46	
7.9	667	1.2	174.08	2KJ1204 - ■CG13 - ■■Q1		46	
8.7	604	1.3	157.5	★ 2KJ1204 - ■CG13 - ■■P1		46	
9.4	557	1.4	145.38	2KJ1204 - ■CG13 - ■■N1		46	
10.8	485	1.7	126.41	★ 2KJ1204 - ■CG13 - ■■M1		46	
11.9	440	1.8	114.78	2KJ1204 - ■CG13 - ■■L1		46	
13.1	402	2.0	104.8	★ 2KJ1204 - ■CG13 - ■■K1		46	
14.2	369	2.2	96.16	2KJ1204 - ■CG13 - ■■J1		46	
D.48-LA71ZMP4							
10.4	507	0.89	132.34	★ 2KJ1203 - ■CG13 - ■■N1		27	
11.8	444	1.0	115.91	2KJ1203 - ■CG13 - ■■M1		27	
13.4	393	1.1	102.52	★ 2KJ1203 - ■CG13 - ■■L1		27	
14.7	356	1.3	92.91	2KJ1203 - ■CG13 - ■■K1		27	
16.7	314	1.4	82.02	★ 2KJ1203 - ■CG13 - ■■J1		27	
18.5	284	1.6	73.99	2KJ1203 - ■CG13 - ■■H1		27	
20	257	1.7	67.1	★ 2KJ1203 - ■CG13 - ■■G1		27	
22	234	1.9	61.14	2KJ1203 - ■CG13 - ■■F1		27	
27	192	2.3	50	2KJ1203 - ■CG13 - ■■D1		27	
Z.48-LA71ZMP4							
27	197	1.5	51.28	2KJ1103 - ■CG13 - ■■A2		27	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.55	D.38-LA71ZMP4						
	19.1	276	0.8	71.91	★ 2KJ1202 - ■CG13 - ■■J1		18
	21	248	0.89	64.58	2KJ1202 - ■CG13 - ■■H1		18
	24	224	0.98	58.3	★ 2KJ1202 - ■CG13 - ■■G1		18
	26	203	1.1	52.86	2KJ1202 - ■CG13 - ■■F1		18
	Z.38-LA71ZMP4						
	31	169	1.3	44.12	★ 2KJ1102 - ■CG13 - ■■A2		17
	35	150	1.4	39.24	2KJ1102 - ■CG13 - ■■X1		17
	40	131	1.7	34.04	★ 2KJ1102 - ■CG13 - ■■W1		17
	43	122	1.8	31.8	2KJ1102 - ■CG13 - ■■V1		17
	49	107	2.1	27.97	★ 2KJ1102 - ■CG13 - ■■U1		17
	56	94	2.3	24.5	2KJ1102 - ■CG13 - ■■T1		17
	63	83	2.6	21.67	★ 2KJ1102 - ■CG13 - ■■S1		17
	70	75	2.9	19.64	2KJ1102 - ■CG13 - ■■R1		17
	Z.28-LA71ZMP4						
	32	166	0.84	43.3	★ 2KJ1101 - ■CG13 - ■■B2		10
	36	147	0.95	38.45	2KJ1101 - ■CG13 - ■■A2		10
	41	129	1.1	33.71	★ 2KJ1101 - ■CG13 - ■■X1		10
	45	116	1.2	30.16	2KJ1101 - ■CG13 - ■■W1		10
	51	103	1.4	26.77	★ 2KJ1101 - ■CG13 - ■■V1		10
	58	90	1.6	23.46	2KJ1101 - ■CG13 - ■■U1		10
	66	79	1.8	20.63	★ 2KJ1101 - ■CG13 - ■■T1		10
	74	71	2.0	18.63	2KJ1101 - ■CG13 - ■■S1		10
	84	62	2.2	16.24	★ 2KJ1101 - ■CG13 - ■■R1		10
	94	56	2.5	14.58	2KJ1101 - ■CG13 - ■■Q1		10
	104	50	2.8	13.17	★ 2KJ1101 - ■CG13 - ■■P1		10
	115	46	3.1	11.94	2KJ1101 - ■CG13 - ■■N1		10
	126	42	3.4	10.87	★ 2KJ1101 - ■CG13 - ■■M1		10
	143	37	3.8	9.61	2KJ1101 - ■CG13 - ■■L1		10
	217	24	3.9	6.31	★ 2KJ1101 - ■CG13 - ■■G1		10
	240	22	4.2	5.72	2KJ1101 - ■CG13 - ■■F1		10
	263	20	4.6	5.21	★ 2KJ1101 - ■CG13 - ■■E1		10
	298	18	5	4.6	2KJ1101 - ■CG13 - ■■D1		10
	Z.18-LA71ZMP4						
	46	113	0.8	29.45	★ 2KJ1100 - ■CG13 - ■■R1		9
51	103	0.88	26.77	2KJ1100 - ■CG13 - ■■Q1		9	
58	91	0.99	23.69	★ 2KJ1100 - ■CG13 - ■■P1		9	
69	76	1.2	19.85	2KJ1100 - ■CG13 - ■■N1		9	
81	65	1.4	16.92	★ 2KJ1100 - ■CG13 - ■■M1		9	
95	55	1.6	14.38	★ 2KJ1100 - ■CG13 - ■■L1		9	
110	48	1.9	12.5	2KJ1100 - ■CG13 - ■■K1		9	
126	42	2.1	10.88	★ 2KJ1100 - ■CG13 - ■■J1		9	
140	38	2.2	9.81	2KJ1100 - ■CG13 - ■■H1		9	
158	33	2.4	8.66	2KJ1100 - ■CG13 - ■■G1		9	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.55	Z.18-LA71ZMP4						
	185	28	1.9	7.42	★ 2KJ1100 - CG13 - F1		9
	212	25	2.1	6.45	2KJ1100 - CG13 - E1		9
	244	22	2.4	5.61	★ 2KJ1100 - CG13 - D1		9
	271	19	2.5	5.06	2KJ1100 - CG13 - C1		9
	306	17	2.9	4.47	2KJ1100 - CG13 - B1		9
	383	14	3.4	3.58	★ 2KJ1100 - CG13 - A1		9
	E.68-LA71ZMP4						
	110	48	1.7	12.4	★ 2KJ1003 - CG13 - W1		26
	123	43	2.1	11.18	2KJ1003 - CG13 - V1		26
	136	39	2.5	10.08	★ 2KJ1003 - CG13 - U1		26
	E.48-LA71ZMP4						
	121	43	1.3	11.3	2KJ1002 - CG13 - U1		16
	137	38	2.1	10	★ 2KJ1002 - CG13 - T1		16
	151	35	1.8	9.09	2KJ1002 - CG13 - S1		16
	168	31	2.7	8.17	★ 2KJ1002 - CG13 - R1		16
	196	27	3.6	7	2KJ1002 - CG13 - Q1		16
	E.38-LA71ZMP4						
	147	36	0.89	9.33	★ 2KJ1001 - CG13 - S1		13
	165	32	1.0	8.3	2KJ1001 - CG13 - R1		13
	190	28	1.4	7.2	★ 2KJ1001 - CG13 - Q1		13
	204	26	1.9	6.73	2KJ1001 - CG13 - P1		13
	231	23	2.3	5.92	★ 2KJ1001 - CG13 - N1		13
	264	20	3.5	5.18	2KJ1001 - CG13 - M1		13
299	18	4.4	4.58	★ 2KJ1001 - CG13 - L1		13	
330	16	3.9	4.15	2KJ1001 - CG13 - K1		13	
373	14	5.0	3.67	★ 2KJ1001 - CG13 - J1		13	
414	13	5.1	3.31	2KJ1001 - CG13 - H1		13	
0.75	D.188-Z48-LA80ZMB4E						
	0.27	23 327	0.86	5 107	2KJ1235 - DE13 - Q1		607
	0.30	21 299	0.94	4 663	★ 2KJ1235 - DE13 - P1		607
	0.33	19 545	1.0	4 279	2KJ1235 - DE13 - N1		607
	0.36	18 006	1.1	3 942	★ 2KJ1235 - DE13 - M1		607
	0.39	16 352	1.2	3 580	2KJ1235 - DE13 - L1		607
	0.43	14 895	1.3	3 261	★ 2KJ1235 - DE13 - K1		607
	0.47	13 648	1.5	2 988	2KJ1235 - DE13 - J1		607
	0.52	12 177	1.6	2 666	★ 2KJ1235 - DE13 - H1		607
	0.59	10 866	1.8	2 379	2KJ1235 - DE13 - G1		607
	D.168-Z48-LA80ZMB4E						
	0.38	17 060	0.82	3 735	★ 2KJ1232 - DE13 - H1		463
	0.42	15 224	0.92	3 333	2KJ1232 - DE13 - G1		463
	0.50	12 931	1.1	2 831	2KJ1232 - DE13 - F1		463
	0.59	10 766	1.3	2 357	★ 2KJ1232 - DE13 - E1		463
	0.60	10 592	1.3	2 319	★ 2KJ1232 - DE13 - D1		463

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.75	D.168-Z48-LA80ZMB4E						
	0.68	9 455	1.5	2 070	2KJ1232 - DE13 - C1		463
	0.80	8 030	1.7	1 758	2KJ1232 - DE13 - B1		463
	D.148-Z48-LA80ZMB4E						
	0.86	7 450	1.1	1 631	2KJ1231 - DE13 - N1		296
	0.93	6 861	1.2	1 502	2KJ1231 - DE13 - M1		296
	1.0	6 230	1.3	1 364	2KJ1231 - DE13 - L1		296
	1.1	5 678	1.4	1 243	2KJ1231 - DE13 - K1		296
	1.2	5 203	1.5	1 139	2KJ1231 - DE13 - J1		296
	1.4	4 641	1.7	1 016	2KJ1231 - DE13 - H1		296
	1.5	4 143	1.9	907	2KJ1231 - DE13 - G1		296
	D.148-Z38-LA80ZMB4E						
	0.68	9 455	0.85	2 070	2KJ1228 - DE13 - C1		287
	0.75	8 519	0.94	1 865	2KJ1228 - DE13 - B1		287
	0.87	7 326	1.1	1 604	2KJ1228 - DE13 - A1		287
	D.128-Z48-LA80ZMB4E						
	1.1	5 805	0.88	1 271	2KJ1227 - DE13 - P1		212
	1.2	5 326	0.96	1 166	2KJ1227 - DE13 - N1		212
	1.3	4 906	1.0	1 074	2KJ1227 - DE13 - M1		212
	1.4	4 453	1.1	975	2KJ1227 - DE13 - L1		212
	1.6	4 061	1.3	889	2KJ1227 - DE13 - K1		212
	1.7	3 718	1.4	814	2KJ1227 - DE13 - J1		212
	1.9	3 316	1.5	726	2KJ1227 - DE13 - H1		212
	2.2	2 960	1.7	648	2KJ1227 - DE13 - G1		212
	D.128-Z38-LA80ZMB4E						
	1.1	5 847	0.87	1 280	★ 2KJ1225 - DE13 - A1		202
	D.128-LA100LA8						
	2.5	2 825	1.8	268.16	★ 2KJ1207 - FB13 - U1	P02	221
	2.8	2 590	2.0	245.93	2KJ1207 - FB13 - T1	P02	221
	D.108-Z38-LA80ZMB4E						
	1.8	3 640	0.85	797	2KJ1223 - DE13 - H1		131
	D.108-LA100LA8						
	2.4	2 999	1.0	284.73	2KJ1206 - FB13 - T1	P02	144
	D.108-LA90SB6E						
	2.6	2 782	1.1	359.3	2KJ1206 - ED13 - V1	P01	133
	2.8	2 518	1.2	325.21	★ 2KJ1206 - ED13 - U1	P01	133
	3.2	2 205	1.4	284.73	2KJ1206 - ED13 - T1	P01	133
	3.6	1 989	1.6	256.86	★ 2KJ1206 - ED13 - S1	P01	133
	D.108-LA80ZMB4E						
	3.9	1 838	1.7	359.3	2KJ1206 - DE13 - V1		130
	4.3	1 664	1.9	325.21	★ 2KJ1206 - DE13 - U1		130
	D.88-LA90SB6E						
	3.4	2 098	0.80	270.9	2KJ1205 - ED13 - U1	P01	85
	3.8	1 892	0.89	244.29	★ 2KJ1205 - ED13 - T1	P01	85

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.75	D.88-LA90SB6E						
	4.3	1 654	1.0	213.64	2KJ1205 - DE13 - S1	P01	85
	D.88-LA80ZMB4E						
	4.7	1 537	1.1	300.41	★ 2KJ1205 - DE13 - V1		82
	5.2	1 386	1.2	270.9	2KJ1205 - DE13 - U1		82
	5.7	1 250	1.3	244.29	★ 2KJ1205 - DE13 - T1		82
	6.6	1 093	1.5	213.64	2KJ1205 - DE13 - S1		82
	7.3	981	1.7	191.8	★ 2KJ1205 - DE13 - R1		82
	8.0	896	1.9	175.18	2KJ1205 - DE13 - Q1		82
	9.0	795	2.1	155.46	★ 2KJ1205 - DE13 - P1		82
	D.68-LA80ZMB4E						
	8.0	891	0.90	174.08	2KJ1204 - DE13 - Q1		50
	8.9	806	0.99	157.5	★ 2KJ1204 - DE13 - P1		50
	9.6	744	1.1	145.38	2KJ1204 - DE13 - N1		50
11.1	647	1.2	126.41	★ 2KJ1204 - DE13 - M1		50	
12.2	587	1.4	114.78	2KJ1204 - DE13 - L1		50	
13.4	536	1.5	104.8	★ 2KJ1204 - DE13 - K1		50	
14.6	492	1.6	96.16	2KJ1204 - DE13 - J1		50	
15.8	453	1.8	88.59	★ 2KJ1204 - DE13 - H1		50	
17.4	412	1.9	80.46	2KJ1204 - DE13 - G1		50	
19.1	375	2.1	73.3	★ 2KJ1204 - DE13 - F1		50	
21	343	2.3	67.14	2KJ1204 - DE13 - E1		50	
Z.68-LA80ZMB4E							
29	246	2.2	48.09	★ 2KJ1104 - DE13 - X1		48	
D.48-LA80ZMB4E							
13.7	524	0.86	102.52	★ 2KJ1203 - DE13 - L1		31	
15.1	475	0.95	92.91	2KJ1203 - DE13 - K1		31	
17.1	420	1.1	82.02	★ 2KJ1203 - DE13 - J1		31	
18.9	379	1.2	73.99	2KJ1203 - DE13 - H1		31	
21	343	1.3	67.1	★ 2KJ1203 - DE13 - G1		31	
23	313	1.4	61.14	2KJ1203 - DE13 - F1		31	
25	286	1.6	55.92	★ 2KJ1203 - DE13 - E1		31	
28	256	1.8	50	2KJ1203 - DE13 - D1		31	
Z.48-LA80ZMB4E							
27	262	1.1	51.28	2KJ1103 - DE13 - A2		31	
31	232	1.9	45.38	★ 2KJ1103 - DE13 - X1		31	
34	211	2.1	41.26	2KJ1103 - DE13 - W1		31	
38	190	2.4	37.06	★ 2KJ1103 - DE13 - V1		31	
D.38-LA80ZMB4E							
26	270	0.81	52.86	2KJ1202 - DE13 - F1		22	
Z.38-LA80ZMB4E							
32	226	0.97	44.12	★ 2KJ1102 - DE13 - A2		21	
36	201	1.0	39.24	2KJ1102 - DE13 - X1		21	
41	174	1.3	34.04	★ 2KJ1102 - DE13 - W1		21	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
0.75	Z.38-LA80ZMB4E						
	44	163	1.4	31.8	2KJ1102 - DE13 - V1		21
	50	143	1.5	27.97	★ 2KJ1102 - DE13 - U1		21
	57	125	1.8	24.5	2KJ1102 - DE13 - T1		21
	65	111	2.0	21.67	★ 2KJ1102 - DE13 - S1		21
	71	100	2.2	19.64	2KJ1102 - DE13 - R1		21
	81	89	2.5	17.33	★ 2KJ1102 - DE13 - Q1		21
	90	80	2.7	15.64	2KJ1102 - DE13 - P1		21
	99	72	3.0	14.18	★ 2KJ1102 - DE13 - N1		21
	108	66	3.3	12.92	2KJ1102 - DE13 - M1		21
	118	60	3.6	11.82	★ 2KJ1102 - DE13 - L1		21
	Z.28-LA80ZMB4E						
	42	172	0.81	33.71	★ 2KJ1101 - DE13 - X1		14
	46	154	0.91	30.16	2KJ1101 - DE13 - W1		14
	52	137	1.0	26.77	★ 2KJ1101 - DE13 - V1		14
	60	120	1.2	23.46	2KJ1101 - DE13 - U1		14
	68	106	1.3	20.63	★ 2KJ1101 - DE13 - T1		14
	75	95	1.5	18.63	2KJ1101 - DE13 - S1		14
	86	83	1.7	16.24	★ 2KJ1101 - DE13 - R1		14
96	75	1.9	14.58	2KJ1101 - DE13 - Q1		14	
106	67	2.1	13.17	★ 2KJ1101 - DE13 - P1		14	
117	61	2.3	11.94	2KJ1101 - DE13 - N1		14	
129	56	2.5	10.87	★ 2KJ1101 - DE13 - M1		14	
146	49	2.8	9.61	2KJ1101 - DE13 - L1		14	
158	45	3.1	8.87	★ 2KJ1101 - DE13 - K1		14	
183	39	3.5	7.64	2KJ1101 - DE13 - J1		14	
202	36	3.7	6.94	★ 2KJ1101 - DE13 - H1		14	
222	32	2.9	6.31	★ 2KJ1101 - DE13 - G1		14	
245	29	3.2	5.72	2KJ1101 - DE13 - F1		14	
269	27	3.5	5.21	★ 2KJ1101 - DE13 - E1		14	
304	24	3.7	4.6	2KJ1101 - DE13 - D1		14	
329	22	4.1	4.25	★ 2KJ1101 - DE13 - C1		14	
383	19	4.3	3.66	2KJ1101 - DE13 - B1		14	
420	17	4.5	3.33	★ 2KJ1101 - DE13 - A1		14	
E.68-LA80ZMB4E							
113	63	1.3	12.4	★ 2KJ1003 - DE13 - W1		30	
125	57	1.6	11.18	2KJ1003 - DE13 - V1		30	
139	52	1.8	10.08	★ 2KJ1003 - DE13 - U1		30	
159	45	3.3	8.82	2KJ1003 - DE13 - T1		30	
177	40	4.2	7.92	★ 2KJ1003 - DE13 - S1		30	
194	37	4.1	7.23	2KJ1003 - DE13 - R1		30	
E.48-LA80ZMB4E							
124	58	0.95	11.3	2KJ1002 - DE13 - U1		20	
140	51	1.6	10	★ 2KJ1002 - DE13 - T1		20	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg	
0.75	E.48-LA80ZMB4E							
	154	46	1.4	9.09	2KJ1002 - ■ DE13 - ■■ S1		20	
	171	42	2.0	8.17	★ 2KJ1002 - ■ DE13 - ■■ R1		20	
	200	36	2.7	7	2KJ1002 - ■ DE13 - ■■ Q1		20	
	221	32	3.6	6.33	★ 2KJ1002 - ■ DE13 - ■■ P1		20	
	239	30	4.0	5.85	2KJ1002 - ■ DE13 - ■■ N1		20	
	276	26	4.6	5.08	★ 2KJ1002 - ■ DE13 - ■■ M1		20	
1.1	E.38-LA80ZMB4E							
	194	37	1.0	7.2	★ 2KJ1001 - ■ DE13 - ■■ Q1		17	
	208	34	1.4	6.73	2KJ1001 - ■ DE13 - ■■ P1		17	
	236	30	1.7	5.92	★ 2KJ1001 - ■ DE13 - ■■ N1		17	
	270	26	2.6	5.18	2KJ1001 - ■ DE13 - ■■ M1		17	
	306	23	3.3	4.58	★ 2KJ1001 - ■ DE13 - ■■ L1		17	
	337	21	2.9	4.15	2KJ1001 - ■ DE13 - ■■ K1		17	
	381	19	3.7	3.67	★ 2KJ1001 - ■ DE13 - ■■ J1		17	
	423	17	3.8	3.31	2KJ1001 - ■ DE13 - ■■ H1		17	
	467	15	5.2	3	★ 2KJ1001 - ■ DE13 - ■■ G1		17	
	513	14	5.7	2.73	2KJ1001 - ■ DE13 - ■■ F1		17	
	560	13	5.7	2.5	★ 2KJ1001 - ■ DE13 - ■■ E1		17	
1.1	D.188-Z48-LA90SB4E							
	0.40	23 626	0.85	3 580	2KJ1235 - ■ EM13 - ■■ L1		610	
	0.44	21 521	0.93	3 261	★ 2KJ1235 - ■ EM13 - ■■ K1		610	
	0.48	19 719	1.0	2 988	2KJ1235 - ■ EM13 - ■■ J1		610	
	0.54	17 594	1.1	2 666	★ 2KJ1235 - ■ EM13 - ■■ H1		610	
	0.60	15 700	1.3	2 379	2KJ1235 - ■ EM13 - ■■ G1		610	
	0.71	13 337	1.5	2 021	2KJ1235 - ■ EM13 - ■■ F1		610	
	0.86	11 100	1.8	1 682	★ 2KJ1235 - ■ EM13 - ■■ E1		610	
	0.87	10 922	1.8	1 655	★ 2KJ1235 - ■ EM13 - ■■ D1		610	
	1.1	D.168-Z48-LA90SB4E						
		0.61	15 555	0.90	2 357	★ 2KJ1232 - ■ EM13 - ■■ E1		466
		0.62	15 304	0.91	2 319	★ 2KJ1232 - ■ EM13 - ■■ D1		466
		0.70	13 661	1.0	2 070	2KJ1232 - ■ EM13 - ■■ C1		466
		0.82	11 602	1.2	1 758	2KJ1232 - ■ EM13 - ■■ B1		466
		0.98	9 655	1.5	1 463	★ 2KJ1232 - ■ EM13 - ■■ A1		466
1.1	D.168-Z68-LA90SB4E							
	0.99	9 642	1.5	1 461	2KJ1233 - ■ EM13 - ■■ J1		483	
	1.2	8 091	1.7	1 226	2KJ1233 - ■ EM13 - ■■ H1		483	
1.4	6 903	2.0	1 046	2KJ1233 - ■ EM13 - ■■ G1		483		
1.1	D.148-Z48-LA90SB4E							
	0.96	9 912	0.81	1 502	2KJ1231 - ■ EM13 - ■■ M1		299	
	1.1	9 002	0.89	1 364	2KJ1231 - ■ EM13 - ■■ L1		299	
	1.2	8 203	0.98	1 243	2KJ1231 - ■ EM13 - ■■ K1		299	
	1.3	7 517	1.1	1 139	2KJ1231 - ■ EM13 - ■■ J1		299	
	1.4	6 705	1.2	1 016	2KJ1231 - ■ EM13 - ■■ H1		299	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
1.1	D.148-Z48-LA90SB4E						
	1.6	5 986	1.3	907	2KJ1231 - ■EM13 - ■■G1		299
	1.9	5 082	1.6	770	2KJ1231 - ■EM13 - ■■F1		299
	D.148-LA100L8						
	2.0	5 192	1.5	336.11	2KJ1208 - ■FL13 - ■■W1	P02	311
	2.3	4 655	1.7	301.34	★ 2KJ1208 - ■FL13 - ■■V1	P02	311
	2.5	4 267	1.9	276.23	2KJ1208 - ■FL13 - ■■U1	P02	311
	2.7	3 935	2.0	254.7	★ 2KJ1208 - ■FL13 - ■■T1	P02	311
	D.128-Z48-LA90SB4E						
	1.6	5 867	0.87	889	2KJ1227 - ■EM13 - ■■K1		215
	1.8	5 372	0.95	814	2KJ1227 - ■EM13 - ■■J1		215
	2.0	4 791	1.1	726	2KJ1227 - ■EM13 - ■■H1		215
	2.2	4 276	1.2	648	2KJ1227 - ■EM13 - ■■G1		215
	D.128-LA100L8						
	2.5	4 143	1.2	268.16	★ 2KJ1207 - ■FL13 - ■■U1	P02	221
	2.8	3 799	1.3	245.93	2KJ1207 - ■FL13 - ■■T1	P02	221
	3.1	3 394	1.5	219.72	★ 2KJ1207 - ■FL13 - ■■S1	P02	221
	D.128-LA90ZLD6E						
	3.5	2 997	1.7	268.16	★ 2KJ1207 - ■EQ13 - ■■U1	P01	213
	3.8	2 748	1.9	245.93	2KJ1207 - ■EQ13 - ■■T1	P01	213
	D.108-LA90ZLD6E						
	2.9	3 634	0.85	325.21	★ 2KJ1206 - ■EQ13 - ■■U1	P01	136
	3.3	3 182	0.97	284.73	2KJ1206 - ■EQ13 - ■■T1	P01	136
	3.7	2 871	1.1	256.86	★ 2KJ1206 - ■EQ13 - ■■S1	P01	136
	D.108-LA90SB4E						
	4.0	2 621	1.2	359.3	2KJ1206 - ■EM13 - ■■V1		133
	4.4	2 372	1.3	325.21	★ 2KJ1206 - ■EM13 - ■■U1		133
	5.1	2 077	1.5	284.73	2KJ1206 - ■EM13 - ■■T1		133
	5.6	1 874	1.7	256.86	★ 2KJ1206 - ■EM13 - ■■S1		133
	6.1	1 716	1.8	235.19	2KJ1206 - ■EM13 - ■■R1		133
	6.9	1 526	2.0	209.21	★ 2KJ1206 - ■EM13 - ■■Q1		133
	D.88-LA90SB4E						
	5.3	1 976	0.85	270.9	2KJ1205 - ■EM13 - ■■U1		85
	5.9	1 782	0.94	244.29	★ 2KJ1205 - ■EM13 - ■■T1		85
	6.7	1 559	1.1	213.64	2KJ1205 - ■EM13 - ■■S1		85
	7.5	1 399	1.2	191.8	★ 2KJ1205 - ■EM13 - ■■R1		85
	8.2	1 278	1.3	175.18	2KJ1205 - ■EM13 - ■■Q1		85
	9.3	1 134	1.5	155.46	★ 2KJ1205 - ■EM13 - ■■P1		85
	10.0	1 047	1.6	143.5	2KJ1205 - ■EM13 - ■■N1		85
	11.1	947	1.8	129.79	★ 2KJ1205 - ■EM13 - ■■M1		85
	12.0	872	1.9	119.52	2KJ1205 - ■EM13 - ■■L1		85
	13.0	806	2.1	110.54	★ 2KJ1205 - ■EM13 - ■■K1		85
	14.0	749	2.2	102.61	2KJ1205 - ■EM13 - ■■J1		85

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
1.1	D.68-LA90SB4E						
	11.4	922	0.87	126.41	★ 2KJ1204 - ■EM13 - ■■M1		53
	12.5	837	0.96	114.78	2KJ1204 - ■EM13 - ■■L1		53
	13.7	765	1.0	104.8	★ 2KJ1204 - ■EM13 - ■■K1		53
	15	702	1.1	96.16	2KJ1204 - ■EM13 - ■■J1		53
	16.3	646	1.2	88.59	★ 2KJ1204 - ■EM13 - ■■H1		53
	17.9	587	1.4	80.46	2KJ1204 - ■EM13 - ■■G1		53
	19.6	535	1.5	73.3	★ 2KJ1204 - ■EM13 - ■■F1		53
	21	490	1.6	67.14	2KJ1204 - ■EM13 - ■■E1		53
	24	437	1.8	59.91	★ 2KJ1204 - ■EM13 - ■■D1		53
27	390	2.1	53.47	2KJ1204 - ■EM13 - ■■C1		53	
Z.68-LA90SB4E							
30	351	1.5	48.09	★ 2KJ1104 - ■EM13 - ■■X1		51	
34	307	2.6	42.06	2KJ1104 - ■EM13 - ■■W1		51	
D.48-LA90SB4E							
19.5	540	0.83	73.99	2KJ1203 - ■EM13 - ■■H1		34	
22	490	0.92	67.1	★ 2KJ1203 - ■EM13 - ■■G1		34	
24	446	1.0	61.14	2KJ1203 - ■EM13 - ■■F1		34	
26	408	1.1	55.92	★ 2KJ1203 - ■EM13 - ■■E1		34	
29	365	1.2	50	2KJ1203 - ■EM13 - ■■D1		34	
Z.48-LA90SB4E							
32	331	1.4	45.38	★ 2KJ1103 - ■EM13 - ■■X1		34	
35	301	1.5	41.26	2KJ1103 - ■EM13 - ■■W1		34	
39	270	1.7	37.06	★ 2KJ1103 - ■EM13 - ■■V1		34	
45	232	1.9	31.77	2KJ1103 - ■EM13 - ■■U1		34	
50	210	2.1	28.74	★ 2KJ1103 - ■EM13 - ■■T1		34	
54	194	2.3	26.53	2KJ1103 - ■EM13 - ■■S1		34	
62	168	2.7	23.07	★ 2KJ1103 - ■EM13 - ■■R1		34	
69	153	2.9	20.95	2KJ1103 - ■EM13 - ■■Q1		34	
75	140	3.2	19.13	★ 2KJ1103 - ■EM13 - ■■P1		34	
Z.38-LA90SB4E							
42	248	0.89	34.04	★ 2KJ1102 - ■EM13 - ■■W1		24	
45	232	0.95	31.8	2KJ1102 - ■EM13 - ■■V1		24	
52	204	1.1	27.97	★ 2KJ1102 - ■EM13 - ■■U1		24	
59	179	1.2	24.5	2KJ1102 - ■EM13 - ■■T1		24	
66	158	1.4	21.67	★ 2KJ1102 - ■EM13 - ■■S1		24	
73	143	1.5	19.64	2KJ1102 - ■EM13 - ■■R1		24	
83	126	1.7	17.33	★ 2KJ1102 - ■EM13 - ■■Q1		24	
92	114	1.9	15.64	2KJ1102 - ■EM13 - ■■P1		24	
102	103	2.1	14.18	★ 2KJ1102 - ■EM13 - ■■N1		24	
111	94	2.3	12.92	2KJ1102 - ■EM13 - ■■M1		24	
122	86	2.6	11.82	★ 2KJ1102 - ■EM13 - ■■L1		24	
136	77	2.7	10.57	2KJ1102 - ■EM13 - ■■K1		24	
148	71	2.8	9.7	★ 2KJ1102 - ■EM13 - ■■J1		24	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
1.1	Z.38-LA90SB4E						
	165	64	3.1	8.75	2KJ1102 - ■EM13 - ■■H1		24
	191	55	3.5	7.52	★ 2KJ1102 - ■EM13 - ■■G1		24
	192	55	3.4	7.5	★ 2KJ1102 - ■EM13 - ■■F1		24
	215	49	3.7	6.71	2KJ1102 - ■EM13 - ■■D1		24
	234	45	3.8	6.16	★ 2KJ1102 - ■EM13 - ■■C1		24
	259	40	4.1	5.55	2KJ1102 - ■EM13 - ■■B1		24
	302	35	4.6	4.77	★ 2KJ1102 - ■EM13 - ■■A1		24
	Z.38-LA80ZMB2E						
	165	64	3.5	17.33	★ 2KJ1102 - ■DN13 - ■■Q1	P00	21
	183	57	3.8	15.64	2KJ1102 - ■DN13 - ■■P1	P00	21
	202	52	4.2	14.18	★ 2KJ1102 - ■DN13 - ■■N1	P00	21
	Z.28-LA90SB4E						
	61	171	0.82	23.46	2KJ1101 - ■EM13 - ■■U1		17
	70	150	0.93	20.63	★ 2KJ1101 - ■EM13 - ■■T1		17
	77	136	1.0	18.63	2KJ1101 - ■EM13 - ■■S1		17
	89	118	1.2	16.24	★ 2KJ1101 - ■EM13 - ■■R1		17
	99	106	1.3	14.58	2KJ1101 - ■EM13 - ■■Q1		17
	109	96	1.5	13.17	★ 2KJ1101 - ■EM13 - ■■P1		17
	121	87	1.6	11.94	2KJ1101 - ■EM13 - ■■N1		17
	132	79	1.8	10.87	★ 2KJ1101 - ■EM13 - ■■M1		17
	150	70	2.0	9.61	2KJ1101 - ■EM13 - ■■L1		17
	162	65	2.2	8.87	★ 2KJ1101 - ■EM13 - ■■K1		17
	188	56	2.4	7.64	2KJ1101 - ■EM13 - ■■J1		17
	207	51	2.6	6.94	★ 2KJ1101 - ■EM13 - ■■H1		17
	228	46	2.1	6.31	★ 2KJ1101 - ■EM13 - ■■G1		17
	252	42	2.2	5.72	2KJ1101 - ■EM13 - ■■F1		17
	276	38	2.4	5.21	★ 2KJ1101 - ■EM13 - ■■E1		17
	313	34	2.6	4.6	2KJ1101 - ■EM13 - ■■D1		17
	339	31	2.9	4.25	★ 2KJ1101 - ■EM13 - ■■C1		17
393	27	3.0	3.66	2KJ1101 - ■EM13 - ■■B1		17	
432	24	3.2	3.33	★ 2KJ1101 - ■EM13 - ■■A1		17	
E.88-LA90SB4E							
139	75	3.1	10.33	★ 2KJ1004 - ■EM13 - ■■S1		50	
152	69	3.0	9.46	2KJ1004 - ■EM13 - ■■R1		50	
171	61	4.0	8.42	★ 2KJ1004 - ■EM13 - ■■Q1		50	
E.68-LA90SB4E							
116	90	0.9	12.4	★ 2KJ1003 - ■EM13 - ■■W1		33	
129	82	1.1	11.18	2KJ1003 - ■EM13 - ■■V1		33	
143	74	1.3	10.08	★ 2KJ1003 - ■EM13 - ■■U1		33	
163	64	2.3	8.82	2KJ1003 - ■EM13 - ■■T1		33	
182	58	2.9	7.92	★ 2KJ1003 - ■EM13 - ■■S1		33	
199	53	2.8	7.23	2KJ1003 - ■EM13 - ■■R1		33	
224	47	3.6	6.42	★ 2KJ1003 - ■EM13 - ■■P1		33	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
1.1							
E.68-LA90SB4E							
243		43	4.4	5.92	2KJ1003 - EM13 - IN1		33
E.48-LA90SB4E							
144		73	1.1	10	★ 2KJ1002 - EM13 - T1		23
158		66	0.97	9.09	2KJ1002 - EM13 - S1		23
176		60	1.4	8.17	★ 2KJ1002 - EM13 - R1		23
206		51	1.9	7	2KJ1002 - EM13 - Q1		23
227		46	2.5	6.33	★ 2KJ1002 - EM13 - P1		23
246		43	2.8	5.85	2KJ1002 - EM13 - N1		23
283		37	3.2	5.08	★ 2KJ1002 - EM13 - M1		23
312		34	3.9	4.62	2KJ1002 - EM13 - L1		23
342		31	4.9	4.21	★ 2KJ1002 - EM13 - K1		23
404		26	5.4	3.56	★ 2KJ1002 - EM13 - H1		23
E.38-LA90SB4E							
214		49	0.98	6.73	2KJ1001 - EM13 - P1		20
243		43	1.2	5.92	★ 2KJ1001 - EM13 - N1		20
278		38	1.9	5.18	2KJ1001 - EM13 - M1		20
314		33	2.3	4.58	★ 2KJ1001 - EM13 - L1		20
347		30	2.0	4.15	2KJ1001 - EM13 - K1		20
392		27	2.6	3.67	★ 2KJ1001 - EM13 - J1		20
435		24	2.7	3.31	2KJ1001 - EM13 - H1		20
480		22	3.7	3	★ 2KJ1001 - EM13 - G1		20
527		20	4.0	2.73	2KJ1001 - EM13 - F1		20
576		18	4.0	2.5	★ 2KJ1001 - EM13 - E1		20
643		16	4.4	2.24	2KJ1001 - EM13 - D1		20
702		15	5.3	2.05	★ 2KJ1001 - EM13 - C1		20
778		14	6.1	1.85	2KJ1001 - EM13 - B1		20
906		12	6.2	1.59	★ 2KJ1001 - EM13 - A1		20
1.5							
D.188-Z68-LA90ZLB4E							
1.2		11 342	1.8	1 251	2KJ1237 - EQ13 - J1		630
D.188-Z48-LA90ZLB4E							
0.54		24 171	0.83	2 666	★ 2KJ1235 - EQ13 - H1		613
0.60		21 569	0.93	2 379	2KJ1235 - EQ13 - G1		613
0.71		18 323	1.1	2 021	2KJ1235 - EQ13 - F1		613
0.86		15 250	1.3	1 682	★ 2KJ1235 - EQ13 - E1		613
0.87		15 005	1.3	1 655	★ 2KJ1235 - EQ13 - D1		613
0.98		13 391	1.5	1 477	2KJ1235 - EQ13 - C1		613
1.1		11 378	1.8	1 255	2KJ1235 - EQ13 - B1		613
D.168-Z48-LA90ZLB4E							
0.82		15 939	0.88	1 758	2KJ1232 - EQ13 - B1		469
0.98		13 264	1.1	1 463	★ 2KJ1232 - EQ13 - A1		469
D.168-Z68-LA90ZLB4E							
0.99		13 246	1.1	1 461	2KJ1233 - EQ13 - J1		486
1.2		11 116	1.3	1 226	2KJ1233 - EQ13 - H1		486

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{a)} kg
1.5	D.168-Z68-LA90ZLB4E						
	1.4	9 484	1.5	1 046	2KJ1233 - ■EQ13 - ■■G1		486
1.5	D.148-Z48-LA90ZLB4E						
	1.4	9 212	0.87	1 016	2KJ1231 - ■EQ13 - ■■H1		302
	1.6	8 223	0.97	907	2KJ1231 - ■EQ13 - ■■G1		302
	1.9	6 981	1.1	770	2KJ1231 - ■EQ13 - ■■F1		302
1.5	D.148-LA112M8						
	2.1	6 829	1.2	336.11	2KJ1208 - ■GG13 - ■■W1	P02	318
	2.3	6 123	1.3	301.34	★ 2KJ1208 - ■GG13 - ■■V1	P02	318
2.6	5 613	1.4	276.23	2KJ1208 - ■GG13 - ■■U1	P02	318	
1.5	D.148-LA100ZLP6E						
	2.8	5 149	1.6	336.11	2KJ1208 - ■FM13 - ■■W1	P01	311
	3.1	4 617	1.7	301.34	★ 2KJ1208 - ■FM13 - ■■V1	P01	311
	3.4	4 232	1.9	276.23	2KJ1208 - ■FM13 - ■■U1	P01	311
1.5	D.128-Z48-LA90ZLB4E						
	2.2	5 875	0.87	648	2KJ1227 - ■EQ13 - ■■G1		218
1.5	D.128-LA112M8						
	2.6	5 449	0.94	268.16	★ 2KJ1207 - ■GG13 - ■■U1	P02	228
	2.9	4 997	1.0	245.93	2KJ1207 - ■GG13 - ■■T1	P02	228
	3.2	4 465	1.1	219.72	★ 2KJ1207 - ■GG13 - ■■S1	P02	228
1.5	D.128-LA100ZLP6E						
	3.5	4 108	1.2	268.16	★ 2KJ1207 - ■FM13 - ■■U1	P01	221
	3.8	3 768	1.4	245.93	2KJ1207 - ■FM13 - ■■T1	P01	221
	4.3	3 366	1.5	219.72	★ 2KJ1207 - ■FM13 - ■■S1	P01	221
	4.6	3 083	1.7	201.22	2KJ1207 - ■FM13 - ■■R1	P01	221
	5.0	2 840	1.8	185.36	★ 2KJ1207 - ■FM13 - ■■Q1	P01	221
1.5	D.128-LA90ZLB4E						
	5.4	2 668	1.9	268.16	★ 2KJ1207 - ■EQ13 - ■■U1		213
5.9	2 446	2.1	245.93	2KJ1207 - ■EQ13 - ■■T1		213	
1.5	D.108-LA90ZLB4E						
	4.0	3 574	0.87	359.3	2KJ1206 - ■EQ13 - ■■V1		136
	4.4	3 235	0.96	325.21	★ 2KJ1206 - ■EQ13 - ■■U1		136
	5.1	2 832	1.1	284.73	2KJ1206 - ■EQ13 - ■■T1		136
	5.6	2 555	1.2	256.86	★ 2KJ1206 - ■EQ13 - ■■S1		136
	6.1	2 340	1.3	235.19	2KJ1206 - ■EQ13 - ■■R1		136
	6.9	2 081	1.5	209.21	★ 2KJ1206 - ■EQ13 - ■■Q1		136
	7.5	1 902	1.6	191.21	2KJ1206 - ■EQ13 - ■■P1		136
	8.2	1 749	1.8	175.78	★ 2KJ1206 - ■EQ13 - ■■N1		136
	8.9	1 616	1.9	162.4	2KJ1206 - ■EQ13 - ■■M1		136
	9.6	1 499	2.1	150.7	★ 2KJ1206 - ■EQ13 - ■■L1		136
	10.3	1 396	2.2	140.37	2KJ1206 - ■EQ13 - ■■K1		136
1.5	D.88-LA90ZLB4E						
	7.5	1 908	0.88	191.8	★ 2KJ1205 - ■EQ13 - ■■R1		88
8.2	1 743	0.96	175.18	2KJ1205 - ■EQ13 - ■■Q1		88	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{a)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
1.5	D.88-LA90ZLB4E						
	9.3	1 547	1.1	155.46	★ 2KJ1205 - EQ13 - P1		88
	10.0	1 428	1.2	143.5	2KJ1205 - EQ13 - N1		88
	11.1	1 291	1.3	129.79	★ 2KJ1205 - EQ13 - M1		88
	12.0	1 189	1.4	119.52	2KJ1205 - EQ13 - L1		88
	13.0	1 100	1.5	110.54	★ 2KJ1205 - EQ13 - K1		88
	14.0	1 021	1.6	102.61	2KJ1205 - EQ13 - J1		88
	15.9	901	1.9	90.53	★ 2KJ1205 - EQ13 - H1		88
	17.2	831	2.0	83.58	2KJ1205 - EQ13 - G1		88
	19.2	745	2.3	74.88	★ 2KJ1205 - EQ13 - F1		88
21	687	2.4	69.05	2KJ1205 - EQ13 - E1		88	
D.68-LA90ZLB4E							
15.0	957	0.84		96.16	2KJ1204 - EQ13 - J1		56
16.3	881	0.91		88.59	★ 2KJ1204 - EQ13 - H1		56
17.9	800	1.0		80.46	2KJ1204 - EQ13 - G1		56
19.6	729	1.1		73.3	★ 2KJ1204 - EQ13 - F1		56
21	668	1.2		67.14	2KJ1204 - EQ13 - E1		56
24	596	1.3		59.91	★ 2KJ1204 - EQ13 - D1		56
27	532	1.5		53.47	2KJ1204 - EQ13 - C1		56
Z.68-LA90ZLB4E							
30	478	1.1		48.09	★ 2KJ1104 - EQ13 - X1		54
34	418	1.9		42.06	2KJ1104 - EQ13 - W1		54
38	376	2.1		37.76	★ 2KJ1104 - EQ13 - V1		54
42	343	2.3		34.49	2KJ1104 - EQ13 - U1		54
47	304	2.6		30.6	★ 2KJ1104 - EQ13 - T1		54
51	281	2.8		28.25	2KJ1104 - EQ13 - S1		54
D.48-LA90ZLB4E							
26	556	0.81		55.92	★ 2KJ1203 - EQ13 - E1		37
29	497	0.90		50	2KJ1203 - EQ13 - D1		37
Z.48-LA90ZLB4E							
32	451	1.0		45.38	★ 2KJ1103 - EQ13 - X1		37
35	410	1.1		41.26	2KJ1103 - EQ13 - W1		37
39	369	1.2		37.06	★ 2KJ1103 - EQ13 - V1		37
45	316	1.4		31.77	2KJ1103 - EQ13 - U1		37
50	286	1.6		28.74	★ 2KJ1103 - EQ13 - T1		37
54	264	1.7		26.53	2KJ1103 - EQ13 - S1		37
62	229	2.0		23.07	★ 2KJ1103 - EQ13 - R1		37
69	208	2.2		20.95	2KJ1103 - EQ13 - Q1		37
75	190	2.4		19.13	★ 2KJ1103 - EQ13 - P1		37
82	175	2.6		17.55	2KJ1103 - EQ13 - N1		37
89	161	2.7		16.17	★ 2KJ1103 - EQ13 - M1		37
98	146	2.9		14.68	2KJ1103 - EQ13 - L1		37
108	133	3.1		13.38	★ 2KJ1103 - EQ13 - K1		37
118	122	3.3		12.25	2KJ1103 - EQ13 - J1		37

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
1.5	Z.48-LA90ZLB4E						
	132	109	3.6	10.93	★ 2KJ1103 - EQ13 - H1		37
	148	97	3.9	9.76	2KJ1103 - EQ13 - G1		37
	212	68	4.0	6.79	★ 2KJ1103 - EQ13 - D1		37
	238	60	4.5	6.06	2KJ1103 - EQ13 - C1		37
	Z.38-LA90ZLB4E						
	59	244	0.9	24.5	2KJ1102 - EQ13 - T1		27
	66	216	1.0	21.67	★ 2KJ1102 - EQ13 - S1		27
	73	195	1.1	19.64	2KJ1102 - EQ13 - R1		27
	83	172	1.3	17.33	★ 2KJ1102 - EQ13 - Q1		27
	92	156	1.4	15.64	2KJ1102 - EQ13 - P1		27
	102	141	1.6	14.18	★ 2KJ1102 - EQ13 - N1		27
111	129	1.7	12.92	2KJ1102 - EQ13 - M1		27	
122	118	1.9	11.82	★ 2KJ1102 - EQ13 - L1		27	
136	105	2.0	10.57	2KJ1102 - EQ13 - K1		27	
148	96	2.1	9.7	★ 2KJ1102 - EQ13 - J1		27	
165	87	2.2	8.75	2KJ1102 - EQ13 - H1		27	
191	75	2.5	7.52	★ 2KJ1102 - EQ13 - G1		27	
192	75	2.5	7.5	★ 2KJ1102 - EQ13 - F1		27	
215	67	2.7	6.71	2KJ1102 - EQ13 - D1		27	
234	61	2.8	6.16	★ 2KJ1102 - EQ13 - C1		27	
259	55	3.0	5.55	2KJ1102 - EQ13 - B1		27	
302	48	3.4	4.77	★ 2KJ1102 - EQ13 - A1		27	
Z.38-LA90SB2E							
167	86	2.6	17.33	★ 2KJ1102 - EM13 - Q1	P00	24	
185	78	2.8	15.64	2KJ1102 - EM13 - P1	P00	24	
204	70	3.1	14.18	★ 2KJ1102 - EM13 - N1	P00	24	
224	64	3.4	12.92	2KJ1102 - EM13 - M1	P00	24	
245	59	3.8	11.82	★ 2KJ1102 - EM13 - L1	P00	24	
273	52	4.0	10.57	2KJ1102 - EM13 - K1	P00	24	
298	48	4.2	9.7	★ 2KJ1102 - EM13 - J1	P00	24	
330	43	4.5	8.75	2KJ1102 - EM13 - H1	P00	24	
384	37	5.1	7.52	★ 2KJ1102 - EM13 - G1	P00	24	
385	37	5.0	7.5	★ 2KJ1102 - EM13 - F1	P00	24	
431	33	5.4	6.71	2KJ1102 - EM13 - D1	P00	24	
469	30	5.6	6.16	★ 2KJ1102 - EM13 - C1	P00	24	
Z.28-LA90ZLB4E							
89	162	0.87	16.24	★ 2KJ1101 - EQ13 - R1		20	
99	145	0.97	14.58	2KJ1101 - EQ13 - Q1		20	
109	131	1.1	13.17	★ 2KJ1101 - EQ13 - P1		20	
121	119	1.2	11.94	2KJ1101 - EQ13 - N1		20	
132	108	1.3	10.87	★ 2KJ1101 - EQ13 - M1		20	
150	96	1.5	9.61	2KJ1101 - EQ13 - L1		20	
162	88	1.6	8.87	★ 2KJ1101 - EQ13 - K1		20	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
1.5	Z.28-LA90ZLB4E						
	188	76	1.8	7.64	2KJ1101 - EQ13 - J1		20
	207	69	1.9	6.94	★ 2KJ1101 - EQ13 - H1		20
	228	63	1.5	6.31	★ 2KJ1101 - EQ13 - G1		20
	252	57	1.6	5.72	2KJ1101 - EQ13 - F1		20
	276	52	1.8	5.21	★ 2KJ1101 - EQ13 - E1		20
	313	46	1.9	4.6	2KJ1101 - EQ13 - D1		20
	339	42	2.1	4.25	★ 2KJ1101 - EQ13 - C1		20
	393	36	2.2	3.66	2KJ1101 - EQ13 - B1		20
	432	33	2.3	3.33	★ 2KJ1101 - EQ13 - A1		20
	E.88-LA90ZLB4E						
	139	103	2.2	10.33	★ 2KJ1004 - EQ13 - S1		53
	152	94	2.2	9.46	2KJ1004 - EQ13 - R1		53
171	84	2.9	8.42	★ 2KJ1004 - EQ13 - Q1		53	
187	76	3.2	7.69	2KJ1004 - EQ13 - P1		53	
204	70	4.1	7.07	★ 2KJ1004 - EQ13 - N1		53	
238	60	4.6	6.06	★ 2KJ1004 - EQ13 - L1		53	
E.68-LA90ZLB4E							
129	111	0.83	11.18	2KJ1003 - EQ13 - V1		36	
143	100	0.95	10.08	★ 2KJ1003 - EQ13 - U1		36	
163	88	1.7	8.82	2KJ1003 - EQ13 - T1		36	
182	79	2.2	7.92	★ 2KJ1003 - EQ13 - S1		36	
199	72	2.1	7.23	2KJ1003 - EQ13 - R1		36	
224	64	2.7	6.42	★ 2KJ1003 - EQ13 - P1		36	
243	59	3.2	5.92	2KJ1003 - EQ13 - N1		36	
269	53	4.1	5.36	★ 2KJ1003 - EQ13 - M1		36	
292	49	4.6	4.93	2KJ1003 - EQ13 - L1		36	
316	45	4.8	4.56	★ 2KJ1003 - EQ13 - K1		36	
E.48-LA90ZLB4E							
144	100	0.8	10	★ 2KJ1002 - EQ13 - T1		26	
176	81	1.0	8.17	★ 2KJ1002 - EQ13 - R1		26	
206	70	1.4	7	2KJ1002 - EQ13 - Q1		26	
227	63	1.8	6.33	★ 2KJ1002 - EQ13 - P1		26	
246	58	2.1	5.85	2KJ1002 - EQ13 - N1		26	
283	50	2.4	5.08	★ 2KJ1002 - EQ13 - M1		26	
312	46	2.8	4.62	2KJ1002 - EQ13 - L1		26	
342	42	3.6	4.21	★ 2KJ1002 - EQ13 - K1		26	
372	38	4.2	3.87	2KJ1002 - EQ13 - J1		26	
404	35	4.0	3.56	★ 2KJ1002 - EQ13 - H1		26	
444	32	4.7	3.24	2KJ1002 - EQ13 - G1		26	
787	18	6.3	1.83	2KJ1002 - EQ13 - B1		26	
E.38-LA90ZLB4E							
243	59	0.9	5.92	★ 2KJ1001 - EQ13 - N1		23	
278	52	1.4	5.18	2KJ1001 - EQ13 - M1		23	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
1.5	E.38-LA90ZLB4E						
	314	46	1.7	4.58	★ 2KJ1001 - EQ13 - L1		23
	347	41	1.5	4.15	2KJ1001 - EQ13 - K1		23
	392	36	1.9	3.67	★ 2KJ1001 - EQ13 - J1		23
	435	33	2.0	3.31	2KJ1001 - EQ13 - H1		23
	480	30	2.7	3	★ 2KJ1001 - EQ13 - G1		23
	527	27	2.9	2.73	2KJ1001 - EQ13 - F1		23
	576	25	2.9	2.5	★ 2KJ1001 - EQ13 - E1		23
	643	22	3.2	2.24	2KJ1001 - EQ13 - D1		23
	702	20	3.9	2.05	★ 2KJ1001 - EQ13 - C1		23
778	18	4.5	1.85	2KJ1001 - EQ13 - B1		23	
906	16	4.6	1.59	★ 2KJ1001 - EQ13 - A1		23	
2.2	D.188-Z48-LA100ZLP4E						
	0.85	22 590	0.89	1 682	★ 2KJ1235 - FM13 - E1		621
	0.87	22 228	0.9	1 655	★ 2KJ1235 - FM13 - D1		621
	0.97	19 837	1.0	1 477	2KJ1235 - FM13 - C1		621
	1.1	16 855	1.2	1 255	2KJ1235 - FM13 - B1		621
	1.4	14 022	1.4	1 044	★ 2KJ1235 - FM13 - A1		621
	D.188-Z68-LA100ZLP4E						
	1.1	16 802	1.2	1 251	2KJ1237 - FM13 - J1		638
	1.4	14 102	1.4	1 050	2KJ1237 - FM13 - H1		638
	1.6	12 034	1.7	896	★ 2KJ1237 - FM13 - G1		638
	1.9	10 019	2.0	746	2KJ1237 - FM13 - F1		638
	D.168-Z68-LA100ZLP4E						
	1.2	16 466	0.85	1 226	2KJ1233 - FM13 - H1		494
	1.4	14 048	1.0	1 046	2KJ1233 - FM13 - G1		494
	1.6	11 698	1.2	871	2KJ1233 - FM13 - F1		494
	D.168-LA132S8						
	2.0	10 253	1.4	341.61	★ 2KJ1210 - HE13 - U1	P02	499
	2.2	9 407	1.5	313.41	2KJ1210 - HE13 - T1	P02	499
	2.4	8 681	1.6	289.23	★ 2KJ1210 - HE13 - S1	P02	499
2.6	8 053	1.7	268.29	2KJ1210 - HE13 - R1	P02	499	
D.148-LA132S8							
2.3	9 045	0.88	301.34	★ 2KJ1208 - HE13 - V1	P02	328	
2.5	8 291	0.96	276.23	2KJ1208 - HE13 - U1	P02	328	
2.7	7 645	1.0	254.7	★ 2KJ1208 - HE13 - T1	P02	328	
D.148-LA112ZMP6E							
2.8	7 394	1.1	336.11	2KJ1208 - GJ13 - W1	P01	318	
3.2	6 629	1.2	301.34	★ 2KJ1208 - GJ13 - V1	P01	318	
3.5	6 077	1.3	276.23	2KJ1208 - GJ13 - U1	P01	318	
3.7	5 603	1.4	254.7	★ 2KJ1208 - GJ13 - T1	P01	318	
4.0	5 193	1.5	236.05	2KJ1208 - GJ13 - S1	P01	318	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
2.2	D.148-LA100ZLP4E						
	4.3	4 921	1.6	336.11	2KJ1208 - FM13 - W1		311
	4.8	4 412	1.8	301.34	★ 2KJ1208 - FM13 - V1		311
	5.2	4 044	2.0	276.23	2KJ1208 - FM13 - U1		311
	5.6	3 729	2.1	254.7	★ 2KJ1208 - FM13 - T1		311
	D.128-LA112ZMP6E						
	3.6	5 900	0.86	268.16	★ 2KJ1207 - GJ13 - U1	P01	228
	3.9	5 410	0.94	245.93	2KJ1207 - GJ13 - T1	P01	228
	4.3	4 834	1.1	219.72	★ 2KJ1207 - GJ13 - S1	P01	228
	4.7	4 427	1.2	201.22	2KJ1207 - GJ13 - R1	P01	228
5.2	4 078	1.3	185.36	★ 2KJ1207 - GJ13 - Q1	P01	228	
	D.128-LA100ZLP4E						
	5.4	3 926	1.3	268.16	★ 2KJ1207 - FM13 - U1		221
	5.8	3 601	1.4	245.93	2KJ1207 - FM13 - T1		221
	6.5	3 217	1.6	219.72	★ 2KJ1207 - FM13 - S1		221
	7.1	2 946	1.7	201.22	2KJ1207 - FM13 - R1		221
	7.7	2 714	1.9	185.36	★ 2KJ1207 - FM13 - Q1		221
	8.4	2 513	2.0	171.62	2KJ1207 - FM13 - P1		221
	D.108-LA100ZLP4E						
	5.6	3 761	0.82	256.86	★ 2KJ1206 - FM13 - S1		144
	6.1	3 443	0.90	235.19	2KJ1206 - FM13 - R1		144
	6.9	3 063	1.0	209.21	★ 2KJ1206 - FM13 - Q1		144
	7.5	2 800	1.1	191.21	2KJ1206 - FM13 - P1		144
	8.2	2 574	1.2	175.78	★ 2KJ1206 - FM13 - N1		144
	8.8	2 378	1.3	162.4	2KJ1206 - FM13 - M1		144
	9.5	2 206	1.4	150.7	★ 2KJ1206 - FM13 - L1		144
	10.2	2 055	1.5	140.37	2KJ1206 - FM13 - K1		144
	11.3	1 858	1.7	126.9	★ 2KJ1206 - FM13 - J1		144
	12.3	1 711	1.8	116.83	2KJ1206 - FM13 - H1		144
	13.7	1 538	2.0	105.08	★ 2KJ1206 - FM13 - G1		144
	14.8	1 419	2.2	96.94	2KJ1206 - FM13 - F1		144
		D.88-LA100ZLP4E					
10.0		2 101	0.80	143.5	2KJ1205 - FM13 - N1		96
11.1		1 900	0.88	129.79	★ 2KJ1205 - FM13 - M1		96
12.0		1 750	0.96	119.52	2KJ1205 - FM13 - L1		96
13.0		1 618	1.0	110.54	★ 2KJ1205 - FM13 - K1		96
14.0		1 502	1.1	102.61	2KJ1205 - FM13 - J1		96
15.9		1 325	1.3	90.53	★ 2KJ1205 - FM13 - H1		96
17.2		1 224	1.4	83.58	2KJ1205 - FM13 - G1		96
19.2		1 096	1.5	74.88	★ 2KJ1205 - FM13 - F1		96
21		1 011	1.7	69.05	2KJ1205 - FM13 - E1		96
25		848	2.0	57.93	2KJ1205 - FM13 - D1		96

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
2.2	Z.88-LA100ZLP4E						
	28	743	2.0	50.73	2KJ1105 - ■ FM13 - ■■ B2		94
	31	670	2.5	45.76	★ 2KJ1105 - ■ FM13 - ■■ A2		94
	D.68-LA100ZLP4E						
	21	983	0.81	67.14	2KJ1204 - ■ FM13 - ■■ E1		64
	24	877	0.91	59.91	★ 2KJ1204 - ■ FM13 - ■■ D1		64
	27	783	1.0	53.47	2KJ1204 - ■ FM13 - ■■ C1		64
	Z.68-LA100ZLP4E						
	34	616	1.3	42.06	2KJ1104 - ■ FM13 - ■■ W1		62
	38	553	1.4	37.76	★ 2KJ1104 - ■ FM13 - ■■ V1		62
	42	505	1.6	34.49	2KJ1104 - ■ FM13 - ■■ U1		62
	47	448	1.8	30.6	★ 2KJ1104 - ■ FM13 - ■■ T1		62
	51	414	1.9	28.25	2KJ1104 - ■ FM13 - ■■ S1		62
	56	374	2.1	25.55	★ 2KJ1104 - ■ FM13 - ■■ R1		62
	61	345	2.3	23.53	2KJ1104 - ■ FM13 - ■■ Q1		62
	66	319	2.5	21.76	★ 2KJ1104 - ■ FM13 - ■■ P1		62
	71	296	2.7	20.2	2KJ1104 - ■ FM13 - ■■ N1		62
	80	261	3.1	17.82	★ 2KJ1104 - ■ FM13 - ■■ M1		62
	87	241	3.3	16.45	2KJ1104 - ■ FM13 - ■■ L1		62
	D.48-LA100ZLP4E						
	40	521	0.86	35.59	2KJ1203 - ■ FM13 - ■■ A1		45
	Z.48-LA100ZLP4E						
	45	465	0.97	31.77	2KJ1103 - ■ FM13 - ■■ U1		45
	50	421	1.1	28.74	★ 2KJ1103 - ■ FM13 - ■■ T1		45
	54	388	1.2	26.53	2KJ1103 - ■ FM13 - ■■ S1		45
	62	338	1.3	23.07	★ 2KJ1103 - ■ FM13 - ■■ R1		45
	68	307	1.5	20.95	2KJ1103 - ■ FM13 - ■■ Q1		45
	75	280	1.6	19.13	★ 2KJ1103 - ■ FM13 - ■■ P1		45
	82	257	1.8	17.55	2KJ1103 - ■ FM13 - ■■ N1		45
	89	237	1.8	16.17	★ 2KJ1103 - ■ FM13 - ■■ M1		45
	98	215	2.0	14.68	2KJ1103 - ■ FM13 - ■■ L1		45
	107	196	2.1	13.38	★ 2KJ1103 - ■ FM13 - ■■ K1		45
	117	179	2.2	12.25	2KJ1103 - ■ FM13 - ■■ J1		45
	131	160	2.4	10.93	★ 2KJ1103 - ■ FM13 - ■■ H1		45
	147	143	2.7	9.76	2KJ1103 - ■ FM13 - ■■ G1		45
	173	121	3.0	8.29	2KJ1103 - ■ FM13 - ■■ F1		45
	208	101	3.4	6.9	★ 2KJ1103 - ■ FM13 - ■■ E1		45
	211	99	2.7	6.79	★ 2KJ1103 - ■ FM13 - ■■ D1		45
	237	89	3.0	6.06	2KJ1103 - ■ FM13 - ■■ C1		45
	279	75	3.6	5.15	2KJ1103 - ■ FM13 - ■■ B1		45
	335	63	4.1	4.28	★ 2KJ1103 - ■ FM13 - ■■ A1		45
	Z.48-LA90ZLB2E						
	151	139	3.2	19.13	★ 2KJ1103 - ■ EQ13 - ■■ P1	P00	37
	165	128	3.5	17.55	2KJ1103 - ■ EQ13 - ■■ N1	P00	37

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
2.2							
Z.48-LA90ZLB2E							
179	118	118	3.7	16.17	★ 2KJ1103 - EQ13 - M1	P00	37
197	107	107	3.9	14.68	2KJ1103 - EQ13 - L1	P00	37
216	97	97	4.2	13.38	★ 2KJ1103 - EQ13 - K1	P00	37
236	89	89	4.5	12.25	2KJ1103 - EQ13 - J1	P00	37
426	49	49	5.5	6.79	★ 2KJ1103 - EQ13 - D1	P00	37
Z.38-LA100ZLP4E							
83	254	254	0.87	17.33	★ 2KJ1102 - FM13 - Q1		35
92	229	229	0.96	15.64	2KJ1102 - FM13 - P1		35
101	208	208	1.1	14.18	★ 2KJ1102 - FM13 - N1		35
111	189	189	1.2	12.92	2KJ1102 - FM13 - M1		35
121	173	173	1.3	11.82	★ 2KJ1102 - FM13 - L1		35
136	155	155	1.4	10.57	2KJ1102 - FM13 - K1		35
148	142	142	1.4	9.7	★ 2KJ1102 - FM13 - J1		35
164	128	128	1.5	8.75	2KJ1102 - FM13 - H1		35
191	110	110	1.7	7.5	★ 2KJ1102 - FM13 - F1		35
191	110	110	1.7	7.52	★ 2KJ1102 - FM13 - G1		35
214	98	98	1.8	6.71	2KJ1102 - FM13 - D1		35
233	90	90	1.9	6.16	★ 2KJ1102 - FM13 - C1		35
259	81	81	2.0	5.55	2KJ1102 - FM13 - B1		35
301	70	70	2.3	4.77	★ 2KJ1102 - FM13 - A1		35
Z.38-LA90ZLB2E							
167	126	126	1.7	17.33	★ 2KJ1102 - EQ13 - Q1	P00	27
185	114	114	1.9	15.64	2KJ1102 - EQ13 - P1	P00	27
204	103	103	2.1	14.18	★ 2KJ1102 - EQ13 - N1	P00	27
224	94	94	2.3	12.92	2KJ1102 - EQ13 - M1	P00	27
245	86	86	2.6	11.82	★ 2KJ1102 - EQ13 - L1	P00	27
273	77	77	2.7	10.57	2KJ1102 - EQ13 - K1	P00	27
298	70	70	2.8	9.7	★ 2KJ1102 - EQ13 - J1	P00	27
330	64	64	3.1	8.75	2KJ1102 - EQ13 - H1	P00	27
384	55	55	3.5	7.52	★ 2KJ1102 - EQ13 - G1	P00	27
385	54	54	3.4	7.5	★ 2KJ1102 - EQ13 - F1	P00	27
431	49	49	3.7	6.71	2KJ1102 - EQ13 - D1	P00	27
469	45	45	3.8	6.16	★ 2KJ1102 - EQ13 - C1	P00	27
521	40	40	4.1	5.55	2KJ1102 - EQ13 - B1	P00	27
606	35	35	4.6	4.77	★ 2KJ1102 - EQ13 - A1	P00	27
E.128-LA100ZLP4E							
142	148	148	3.7	10.14	★ 2KJ1006 - FM13 - T1		119
E.88-LA100ZLP4E							
139	151	151	1.5	10.33	★ 2KJ1004 - FM13 - S1		61
152	139	139	1.5	9.46	2KJ1004 - FM13 - R1		61
170	123	123	2.0	8.42	★ 2KJ1004 - FM13 - Q1		61
187	113	113	2.2	7.69	2KJ1004 - FM13 - P1		61
203	104	104	2.8	7.07	★ 2KJ1004 - FM13 - N1		61

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
2.2	E.88-LA100ZLP4E						
	220	96	3.1	6.53	2KJ1004 - FM13 - M1		61
	237	89	3.2	6.06	★ 2KJ1004 - FM13 - L1		61
	254	83	3.9	5.65	2KJ1004 - FM13 - K1		61
	281	75	4.9	5.11	★ 2KJ1004 - FM13 - J1		61
	E.68-LA100ZLP4E						
	163	129	1.2	8.82	2KJ1003 - FM13 - T1		44
	181	116	1.5	7.92	★ 2KJ1003 - FM13 - S1		44
	198	106	1.4	7.23	2KJ1003 - FM13 - R1		44
	224	94	1.8	6.42	★ 2KJ1003 - FM13 - P1		44
	242	87	2.2	5.92	2KJ1003 - FM13 - N1		44
	268	78	2.8	5.36	★ 2KJ1003 - FM13 - M1		44
	291	72	3.1	4.93	2KJ1003 - FM13 - L1		44
	315	67	3.3	4.56	★ 2KJ1003 - FM13 - K1		44
	338	62	3.7	4.24	2KJ1003 - FM13 - J1		44
	384	55	4.2	3.74	★ 2KJ1003 - FM13 - H1		44
416	50	4.8	3.45	2KJ1003 - FM13 - G1		44	
464	45	5.5	3.09	★ 2KJ1003 - FM13 - F1		44	
E.48-LA100ZLP4E	E.48-LA100ZLP4E						
	205	102	0.95	7	2KJ1002 - FM13 - Q1		34
	227	93	1.2	6.33	★ 2KJ1002 - FM13 - P1		34
	245	86	1.4	5.85	2KJ1002 - FM13 - N1		34
	282	74	1.6	5.08	★ 2KJ1002 - FM13 - M1		34
	311	68	1.9	4.62	2KJ1002 - FM13 - L1		34
	341	62	2.4	4.21	★ 2KJ1002 - FM13 - K1		34
	371	57	2.8	3.87	2KJ1002 - FM13 - J1		34
	403	52	2.7	3.56	★ 2KJ1002 - FM13 - H1		34
	443	47	3.2	3.24	2KJ1002 - FM13 - G1		34
	486	43	3.9	2.95	★ 2KJ1002 - FM13 - F1		34
	531	40	4.0	2.7	2KJ1002 - FM13 - E1		34
	595	35	4.3	2.41	★ 2KJ1002 - FM13 - D1		34
	667	32	4.3	2.15	2KJ1002 - FM13 - C1		34
	784	27	4.3	1.83	2KJ1002 - FM13 - B1		34
	944	22	4.5	1.52	★ 2KJ1002 - FM13 - A1		34
E.38-LA100ZLP4E	E.38-LA100ZLP4E						
	277	76	0.92	5.18	2KJ1001 - FM13 - M1		31
	313	67	1.2	4.58	★ 2KJ1001 - FM13 - L1		31
	346	61	1.0	4.15	2KJ1001 - FM13 - K1		31
	391	54	1.3	3.67	★ 2KJ1001 - FM13 - J1		31
	434	48	1.3	3.31	2KJ1001 - FM13 - H1		31
	478	44	1.8	3	★ 2KJ1001 - FM13 - G1		31
	526	40	2.0	2.73	2KJ1001 - FM13 - F1		31
	574	37	2.0	2.5	★ 2KJ1001 - FM13 - E1		31
	641	33	2.2	2.24	2KJ1001 - FM13 - D1		31

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
2.2	E.38-LA100ZLP4E						
	700	30	2.7	2.05	★ 2KJ1001 - FM13 - C1		31
	776	27	3.0	1.85	2KJ1001 - FM13 - B1		31
	903	23	3.1	1.59	★ 2KJ1001 - FM13 - A1		31
3	D.188-Z68-LA100ZLD4E						
	1.1	22 996	0.87	1 251	2KJ1237 - FP13 - J1		638
	1.4	19 301	1.0	1 050	2KJ1237 - FP13 - H1		638
	1.6	16 470	1.2	896	★ 2KJ1237 - FP13 - G1		638
	1.9	13 713	1.5	746	2KJ1237 - FP13 - F1		638
	2.3	11 378	1.8	619	★ 2KJ1237 - FP13 - E1		638
	2.6	10 037	2.0	546	2KJ1237 - FP13 - D1		638
	D.188-Z48-LA100ZLD4E						
	1.1	23 069	0.87	1 255	2KJ1235 - FP13 - B1		621
	1.4	19 191	1.0	1 044	★ 2KJ1235 - FP13 - A1		621
	D.188-LA132MA8						
	2.9	9 979	2.0	243.82	2KJ1211 - HG13 - IN1	P02	652
D.168-Z68-LA100ZLD4E							
1.6	16 011	0.87	871	2KJ1233 - FP13 - F1		494	
D.168-LA132MA8							
2.0	13 982	1.0	341.61	★ 2KJ1210 - HG13 - U1	P02	507	
2.2	12 827	1.1	313.41	2KJ1210 - HG13 - T1	P02	507	
2.4	11 838	1.2	289.23	★ 2KJ1210 - HG13 - S1	P02	507	
2.6	10 981	1.3	268.29	2KJ1210 - HG13 - R1	P02	507	
D.168-LA132SB6E							
2.8	10 302	1.4	341.61	★ 2KJ1210 - HF13 - U1	P01	507	
3.0	9 452	1.5	313.41	2KJ1210 - HF13 - T1	P01	507	
3.3	8 723	1.6	289.23	★ 2KJ1210 - HF13 - S1	P01	507	
3.5	8 091	1.7	268.29	2KJ1210 - HF13 - R1	P01	507	
3.8	7 632	1.8	253.08	★ 2KJ1210 - HF13 - Q1	P01	507	
4.0	7 139	2.0	236.72	2KJ1210 - HF13 - P1	P01	507	
D.148-LA132SB6E							
3.2	9 088	0.88	301.34	★ 2KJ1208 - HF13 - V1	P01	336	
3.4	8 331	0.96	276.23	2KJ1208 - HF13 - U1	P01	336	
3.7	7 681	1.0	254.7	★ 2KJ1208 - HF13 - T1	P01	336	
4.0	7 119	1.1	236.05	2KJ1208 - HF13 - S1	P01	336	
D.148-LA100ZLD4E							
4.3	6 710	1.2	336.11	2KJ1208 - FP13 - W1		311	
4.8	6 016	1.3	301.34	★ 2KJ1208 - FP13 - V1		311	
5.2	5 515	1.5	276.23	2KJ1208 - FP13 - U1		311	
5.6	5 085	1.6	254.7	★ 2KJ1208 - FP13 - T1		311	
6.1	4 713	1.7	236.05	2KJ1208 - FP13 - S1		311	
6.4	4 481	1.8	224.43	★ 2KJ1208 - FP13 - R1		311	
6.8	4 188	1.9	209.76	2KJ1208 - FP13 - Q1		311	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
3	D.128-LA132SB6E						
	4.7	6 068	0.84	201.22	2KJ1207 - ■ HF13 - ■■■ R1	P01	246
	5.1	5 590	0.91	185.36	★ 2KJ1207 - ■ HF13 - ■■■ Q1	P01	246
	D.128-LA100ZLD4E						
	5.4	5 354	0.95	268.16	★ 2KJ1207 - ■ FP13 - ■■■ U1		221
	5.8	4 910	1.0	245.93	2KJ1207 - ■ FP13 - ■■■ T1		221
	6.5	4 387	1.2	219.72	★ 2KJ1207 - ■ FP13 - ■■■ S1		221
	7.1	4 017	1.3	201.22	2KJ1207 - ■ FP13 - ■■■ R1		221
	7.7	3 701	1.4	185.36	★ 2KJ1207 - ■ FP13 - ■■■ Q1		221
	8.4	3 426	1.5	171.62	2KJ1207 - ■ FP13 - ■■■ P1		221
	9.0	3 186	1.6	159.6	★ 2KJ1207 - ■ FP13 - ■■■ N1		221
	9.6	2 975	1.7	148.99	2KJ1207 - ■ FP13 - ■■■ M1		221
	10.8	2 661	1.9	133.3	★ 2KJ1207 - ■ FP13 - ■■■ L1		221
	11.6	2 466	2.1	123.53	2KJ1207 - ■ FP13 - ■■■ K1		221
	D.108-LA100ZLD4E						
	7.5	3 818	0.81	191.21	2KJ1206 - ■ FP13 - ■■■ P1		144
	8.2	3 509	0.88	175.78	★ 2KJ1206 - ■ FP13 - ■■■ N1		144
	8.8	3 242	0.96	162.4	2KJ1206 - ■ FP13 - ■■■ M1		144
	9.5	3 009	1.0	150.7	★ 2KJ1206 - ■ FP13 - ■■■ L1		144
	10.2	2 803	1.1	140.37	2KJ1206 - ■ FP13 - ■■■ K1		144
	11.3	2 534	1.2	126.9	★ 2KJ1206 - ■ FP13 - ■■■ J1		144
	12.3	2 333	1.3	116.83	2KJ1206 - ■ FP13 - ■■■ H1		144
	13.7	2 098	1.5	105.08	★ 2KJ1206 - ■ FP13 - ■■■ G1		144
	14.8	1 935	1.6	96.94	2KJ1206 - ■ FP13 - ■■■ F1		144
	17.5	1 640	1.9	82.14	2KJ1206 - ■ FP13 - ■■■ E1		144
	20	1 429	2.2	71.59	★ 2KJ1206 - ■ FP13 - ■■■ D1		144
	Z.108-LA100ZLD4E						
	24	1 179	2	59.05	★ 2KJ1106 - ■ FP13 - ■■■ E2		140
	26	1 081	2.1	54.15	2KJ1106 - ■ FP13 - ■■■ D2		140
	D.88-LA100ZLD4E						
	14.0	2 049	0.82	102.61	2KJ1205 - ■ FP13 - ■■■ J1		96
	15.9	1 807	0.93	90.53	★ 2KJ1205 - ■ FP13 - ■■■ H1		96
	17.2	1 669	1.0	83.58	2KJ1205 - ■ FP13 - ■■■ G1		96
	19.2	1 495	1.1	74.88	★ 2KJ1205 - ■ FP13 - ■■■ F1		96
	21	1 379	1.2	69.05	2KJ1205 - ■ FP13 - ■■■ E1		96
	25	1 157	1.5	57.93	2KJ1205 - ■ FP13 - ■■■ D1		96
	Z.88-LA100ZLD4E						
	28	1 013	1.4	50.73	2KJ1105 - ■ FP13 - ■■■ B2		94
	31	914	1.8	45.76	★ 2KJ1105 - ■ FP13 - ■■■ A2		94
	34	837	2.0	41.9	2KJ1105 - ■ FP13 - ■■■ X1		94
	38	744	2.3	37.27	★ 2KJ1105 - ■ FP13 - ■■■ W1		94
	42	680	2.5	34.07	2KJ1105 - ■ FP13 - ■■■ V1		94
	46	625	2.7	31.32	★ 2KJ1105 - ■ FP13 - ■■■ U1		94

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
3	Z.68-LA100ZLD4E						
	34	840	0.95	42.06	2KJ1104 - FP13 - W1		62
	38	754	1.1	37.76	★ 2KJ1104 - FP13 - V1		62
	42	689	1.2	34.49	2KJ1104 - FP13 - U1		62
	47	611	1.3	30.6	★ 2KJ1104 - FP13 - T1		62
	51	564	1.4	28.25	2KJ1104 - FP13 - S1		62
	56	510	1.6	25.55	★ 2KJ1104 - FP13 - R1		62
	61	470	1.7	23.53	2KJ1104 - FP13 - Q1		62
	66	434	1.8	21.76	★ 2KJ1104 - FP13 - P1		62
	71	403	2.0	20.2	2KJ1104 - FP13 - N1		62
	80	356	2.2	17.82	★ 2KJ1104 - FP13 - M1		62
	87	328	2.4	16.45	2KJ1104 - FP13 - L1		62
	97	294	2.7	14.74	★ 2KJ1104 - FP13 - K1		62
	106	271	2.9	13.59	2KJ1104 - FP13 - J1		62
	126	228	3.4	11.4	2KJ1104 - FP13 - H1		62
	147	194	3.8	9.73	★ 2KJ1104 - FP13 - G1		62
	242	118	4.1	5.93	2KJ1104 - FP13 - D1		62
284	101	4.8	5.06	★ 2KJ1104 - FP13 - C1		62	
	Z.48-LA100ZLD4E						
	54	530	0.85	26.53	2KJ1103 - FP13 - S1		45
	62	461	0.98	23.07	★ 2KJ1103 - FP13 - R1		45
	68	418	1.1	20.95	2KJ1103 - FP13 - Q1		45
	75	382	1.2	19.13	★ 2KJ1103 - FP13 - P1		45
	82	350	1.3	17.55	2KJ1103 - FP13 - N1		45
	89	323	1.3	16.17	★ 2KJ1103 - FP13 - M1		45
	98	293	1.4	14.68	2KJ1103 - FP13 - L1		45
	107	267	1.5	13.38	★ 2KJ1103 - FP13 - K1		45
	117	245	1.6	12.25	2KJ1103 - FP13 - J1		45
	131	218	1.8	10.93	★ 2KJ1103 - FP13 - H1		45
	147	195	2.0	9.76	2KJ1103 - FP13 - G1		45
	173	166	2.2	8.29	2KJ1103 - FP13 - F1		45
	208	138	2.5	6.9	★ 2KJ1103 - FP13 - E1		45
	211	136	2.0	6.79	★ 2KJ1103 - FP13 - D1		45
	237	121	2.2	6.06	2KJ1103 - FP13 - C1		45
	279	103	2.6	5.15	2KJ1103 - FP13 - B1		45
335	86	3.0	4.28	★ 2KJ1103 - FP13 - A1		45	
	Z.48-LA100ZLB2E						
	151	190	2.4	19.13	★ 2KJ1103 - FM13 - P1		45
	165	174	2.6	17.55	2KJ1103 - FM13 - N1		45
	179	160	2.7	16.17	★ 2KJ1103 - FM13 - M1		45
	197	146	2.9	14.68	2KJ1103 - FM13 - L1		45
	216	133	3.1	13.38	★ 2KJ1103 - FM13 - K1		45
	236	121	3.3	12.25	2KJ1103 - FM13 - J1		45
264	108	3.6	10.93	★ 2KJ1103 - FM13 - H1		45	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
3	Z.48-LA100ZLB2E						
	296	97	3.9	9.76	2KJ1103 - FM13 - G1	P00	45
	349	82	4.4	8.29	2KJ1103 - FM13 - F1	P00	45
	419	68	5.0	6.9	★ 2KJ1103 - FM13 - E1	P00	45
	426	67	4.0	6.79	★ 2KJ1103 - FM13 - D1	P00	45
	477	60	4.5	6.06	2KJ1103 - FM13 - C1	P00	45
	561	51	5.3	5.15	2KJ1103 - FM13 - B1	P00	45
	675	42	6.1	4.28	★ 2KJ1103 - FM13 - A1	P00	45
	Z.38-LA100ZLD4E						
	111	258	0.85	12.92	2KJ1102 - FP13 - M1		35
121	236	0.93	11.82	★ 2KJ1102 - FP13 - L1		35	
136	211	1.0	10.57	2KJ1102 - FP13 - K1		35	
148	194	1.0	9.7	★ 2KJ1102 - FP13 - J1		35	
164	175	1.1	8.75	2KJ1102 - FP13 - H1		35	
191	150	1.2	7.5	★ 2KJ1102 - FP13 - F1		35	
191	150	1.3	7.52	★ 2KJ1102 - FP13 - G1		35	
214	134	1.3	6.71	2KJ1102 - FP13 - D1		35	
233	123	1.4	6.16	★ 2KJ1102 - FP13 - C1		35	
259	111	1.5	5.55	2KJ1102 - FP13 - B1		35	
301	95	1.7	4.77	★ 2KJ1102 - FP13 - A1		35	
Z.38-LA100ZLB2E							
167	172	1.3	17.33	★ 2KJ1102 - FM13 - Q1	P00	35	
185	155	1.4	15.64	2KJ1102 - FM13 - P1	P00	35	
204	141	1.6	14.18	★ 2KJ1102 - FM13 - N1	P00	35	
224	128	1.7	12.92	2KJ1102 - FM13 - M1	P00	35	
245	117	1.9	11.82	★ 2KJ1102 - FM13 - L1	P00	35	
273	105	2.0	10.57	2KJ1102 - FM13 - K1	P00	35	
298	96	2.1	9.7	★ 2KJ1102 - FM13 - J1	P00	35	
330	87	2.2	8.75	2KJ1102 - FM13 - H1	P00	35	
384	74	2.5	7.52	★ 2KJ1102 - FM13 - G1	P00	35	
385	74	2.5	7.5	★ 2KJ1102 - FM13 - F1	P00	35	
431	66	2.7	6.71	2KJ1102 - FM13 - D1	P00	35	
469	61	2.8	6.16	★ 2KJ1102 - FM13 - C1	P00	35	
521	55	3.0	5.55	2KJ1102 - FM13 - B1	P00	35	
606	47	3.4	4.77	★ 2KJ1102 - FM13 - A1	P00	35	
Z.28-LA100ZLD4E							
188	153	0.89	7.64	2KJ1101 - FP13 - J1		28	
207	139	0.95	6.94	★ 2KJ1101 - FP13 - H1		28	
251	114	0.81	5.72	2KJ1101 - FP13 - F1		28	
275	104	0.88	5.21	★ 2KJ1101 - FP13 - E1		28	
312	92	0.96	4.6	2KJ1101 - FP13 - D1		28	
338	85	1.1	4.25	★ 2KJ1101 - FP13 - C1		28	
392	73	1.1	3.66	2KJ1101 - FP13 - B1		28	
431	66	1.2	3.33	★ 2KJ1101 - FP13 - A1		28	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
3	E.128-LA100ZLD4E						
	142	202	2.7	10.14	★ 2KJ1006 - FP13 - T1		119
	153	188	3.1	9.4	2KJ1006 - FP13 - S1		119
	161	178	3.6	8.94	★ 2KJ1006 - FP13 - R1		119
	E.88-LA100ZLD4E						
	139	206	1.1	10.33	★ 2KJ1004 - FP13 - S1		61
	152	189	1.1	9.46	2KJ1004 - FP13 - R1		61
	170	168	1.5	8.42	★ 2KJ1004 - FP13 - Q1		61
	187	154	1.6	7.69	2KJ1004 - FP13 - P1		61
	203	141	2.1	7.07	★ 2KJ1004 - FP13 - N1		61
	220	130	2.3	6.53	2KJ1004 - FP13 - M1		61
	237	121	2.3	6.06	★ 2KJ1004 - FP13 - L1		61
	254	113	2.8	5.65	2KJ1004 - FP13 - K1		61
	281	102	3.6	5.11	★ 2KJ1004 - FP13 - J1		61
	305	94	4.1	4.7	2KJ1004 - FP13 - H1		61
	339	84	4.7	4.23	★ 2KJ1004 - FP13 - G1		61
	368	78	4.9	3.9	2KJ1004 - FP13 - F1		61
	E.68-LA100ZLD4E						
	163	176	0.85	8.82	2KJ1003 - FP13 - T1		44
	181	158	1.1	7.92	★ 2KJ1003 - FP13 - S1		44
	198	144	1.0	7.23	2KJ1003 - FP13 - R1		44
	224	128	1.3	6.42	★ 2KJ1003 - FP13 - P1		44
	242	118	1.6	5.92	2KJ1003 - FP13 - N1		44
	268	107	2.1	5.36	★ 2KJ1003 - FP13 - M1		44
	291	98	2.3	4.93	2KJ1003 - FP13 - L1		44
	315	91	2.4	4.56	★ 2KJ1003 - FP13 - K1		44
	338	85	2.7	4.24	2KJ1003 - FP13 - J1		44
	384	75	3.1	3.74	★ 2KJ1003 - FP13 - H1		44
	416	69	3.5	3.45	2KJ1003 - FP13 - G1		44
	464	62	4.1	3.09	★ 2KJ1003 - FP13 - F1		44
	504	57	4.4	2.85	2KJ1003 - FP13 - E1		44
	600	48	4.8	2.39	2KJ1003 - FP13 - D1		44
	703	41	5.2	2.04	★ 2KJ1003 - FP13 - C1		44
	844	34	5.2	1.7	2KJ1003 - FP13 - B1		44
	1 018	28	5.3	1.41	★ 2KJ1003 - FP13 - A1		44
	E.48-LA100ZLD4E						
	227	126	0.91	6.33	★ 2KJ1002 - FP13 - P1		34
	245	117	1.0	5.85	2KJ1002 - FP13 - N1		34
	282	101	1.2	5.08	★ 2KJ1002 - FP13 - M1		34
	311	92	1.4	4.62	2KJ1002 - FP13 - L1		34
	341	84	1.8	4.21	★ 2KJ1002 - FP13 - K1		34
	371	77	2.1	3.87	2KJ1002 - FP13 - J1		34
	403	71	2.0	3.56	★ 2KJ1002 - FP13 - H1		34
	443	65	2.3	3.24	2KJ1002 - FP13 - G1		34

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
3	E.48-LA100ZLD4E						
	486	59	2.9	2.95	★ 2KJ1002 - ■FP13 - ■■F1		34
	531	54	3.0	2.7	2KJ1002 - ■FP13 - ■■E1		34
	595	48	3.1	2.41	★ 2KJ1002 - ■FP13 - ■■D1		34
	667	43	3.1	2.15	2KJ1002 - ■FP13 - ■■C1		34
	784	36	3.1	1.83	2KJ1002 - ■FP13 - ■■B1		34
	944	30	3.3	1.52	★ 2KJ1002 - ■FP13 - ■■A1		34
	E.38-LA100ZLD4E						
	313	91	0.85	4.58	★ 2KJ1001 - ■FP13 - ■■L1		31
	391	73	0.96	3.67	★ 2KJ1001 - ■FP13 - ■■J1		31
	434	66	0.98	3.31	2KJ1001 - ■FP13 - ■■H1		31
	478	60	1.3	3	★ 2KJ1001 - ■FP13 - ■■G1		31
	526	54	1.5	2.73	2KJ1001 - ■FP13 - ■■F1		31
	574	50	1.5	2.5	★ 2KJ1001 - ■FP13 - ■■E1		31
	641	45	1.6	2.24	2KJ1001 - ■FP13 - ■■D1		31
	700	41	2.0	2.05	★ 2KJ1001 - ■FP13 - ■■C1		31
	776	37	2.2	1.85	2KJ1001 - ■FP13 - ■■B1		31
	903	32	2.3	1.59	★ 2KJ1001 - ■FP13 - ■■A1		31
4	D.188-Z68-LA112ZMP4E						
	1.6	21 939	0.91	896	★ 2KJ1237 - ■GJ13 - ■■G1		645
	1.9	18 266	1.1	746	2KJ1237 - ■GJ13 - ■■F1		645
	2.3	15 157	1.3	619	★ 2KJ1237 - ■GJ13 - ■■E1		645
	2.6	13 369	1.5	546	2KJ1237 - ■GJ13 - ■■D1		645
	D.188-LA160M8						
	2.9	13 026	1.5	243.82	2KJ1211 - ■JE13 - ■■N1	P02	676
	3.2	11 763	1.7	220.17	2KJ1211 - ■JE13 - ■■M1	P02	676
	3.5	11 024	1.8	206.34	2KJ1211 - ■JE13 - ■■L1	P02	676
	D.188-LA132ZMB6E						
	3.9	9 804	2.0	243.82	2KJ1211 - ■HJ13 - ■■N1	P01	652
	D.168-LA132ZMB6E						
	2.8	13 736	1.0	341.61	★ 2KJ1210 - ■HJ13 - ■■U1	P01	507
	3.0	12 602	1.1	313.41	2KJ1210 - ■HJ13 - ■■T1	P01	507
	3.3	11 630	1.2	289.23	★ 2KJ1210 - ■HJ13 - ■■S1	P01	507
	3.5	10 788	1.3	268.29	2KJ1210 - ■HJ13 - ■■R1	P01	507
	3.8	10 176	1.4	253.08	★ 2KJ1210 - ■HJ13 - ■■Q1	P01	507
	4.0	9 519	1.5	236.72	2KJ1210 - ■HJ13 - ■■P1	P01	507
D.148-LA132ZMB6E							
4.0	9 492	0.84	236.05	2KJ1208 - ■HJ13 - ■■S1	P01	336	
D.148-LA112ZMP4E							
4.3	8 916	0.9	336.11	2KJ1208 - ■GJ13 - ■■W1		318	
4.8	7 994	1.0	301.34	★ 2KJ1208 - ■GJ13 - ■■V1		318	
5.2	7 328	1.1	276.23	2KJ1208 - ■GJ13 - ■■U1		318	
5.7	6 757	1.2	254.7	★ 2KJ1208 - ■GJ13 - ■■T1		318	
6.1	6 262	1.3	236.05	2KJ1208 - ■GJ13 - ■■S1		318	

★ Preferred transmission ratio

Shaft designs, see page 2/117 — 1, 2 or 9

Frequency and voltage, see page 8/20 — 1 to 9

Gearbox housing mounting position, see page 2/119 — A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
4	D.148-LA112ZMP4E						
	6.4	5 954	1.3	224.43	★ 2KJ1208 - GJ13 - R1		318
	6.9	5 564	1.4	209.76	2KJ1208 - GJ13 - Q1		318
	7.8	4 908	1.6	185.03	★ 2KJ1208 - GJ13 - P1		318
	8.3	4 630	1.7	174.53	2KJ1208 - GJ13 - N1		318
	9.2	4 148	1.9	156.38	★ 2KJ1208 - GJ13 - M1		318
	10.0	3 830	2.1	144.39	2KJ1208 - GJ13 - L1		318
	D.128-LA112ZMP4E						
	6.6	5 829	0.87	219.72	★ 2KJ1207 - GJ13 - S1		228
	7.2	5 338	0.96	201.22	2KJ1207 - GJ13 - R1		228
	7.8	4 917	1.0	185.36	★ 2KJ1207 - GJ13 - Q1		228
	8.4	4 553	1.1	171.62	2KJ1207 - GJ13 - P1		228
	9.0	4 234	1.2	159.6	★ 2KJ1207 - GJ13 - N1		228
	9.7	3 952	1.3	148.99	2KJ1207 - GJ13 - M1		228
	10.8	3 536	1.4	133.3	★ 2KJ1207 - GJ13 - L1		228
	11.7	3 277	1.6	123.53	2KJ1207 - GJ13 - K1		228
	12.7	3 004	1.7	113.24	★ 2KJ1207 - GJ13 - J1		228
	13.9	2 754	1.9	103.8	2KJ1207 - GJ13 - H1		228
	16.3	2 347	2.2	88.46	2KJ1207 - GJ13 - G1		228
		D.108-LA112ZMP4E					
10.3		3 724	0.83	140.37	2KJ1206 - GJ13 - K1		151
11.3		3 366	0.92	126.9	★ 2KJ1206 - GJ13 - J1		151
12.3		3 099	1.0	116.83	2KJ1206 - GJ13 - H1		151
13.7		2 788	1.1	105.08	★ 2KJ1206 - GJ13 - G1		151
14.9		2 572	1.2	96.94	2KJ1206 - GJ13 - F1		151
17.5		2 179	1.4	82.14	2KJ1206 - GJ13 - E1		151
20		1 899	1.6	71.59	★ 2KJ1206 - GJ13 - D1		151
24		1 616	1.9	60.9	2KJ1206 - GJ13 - C1		151
		Z.108-LA112ZMP4E					
	24	1 566	1.5	59.05	★ 2KJ1106 - GJ13 - E2		147
	27	1 436	1.6	54.15	2KJ1106 - GJ13 - D2		147
	30	1 283	2.4	48.38	★ 2KJ1106 - GJ13 - C2		147
	D.88-LA112ZMP4E						
	19.2	1 986	0.85	74.88	★ 2KJ1205 - GJ13 - F1		103
	21	1 832	0.92	69.05	2KJ1205 - GJ13 - E1		103
	25	1 537	1.1	57.93	2KJ1205 - GJ13 - D1		103
	Z.88-LA112ZMP4E						
	32	1 214	1.4	45.76	★ 2KJ1105 - GJ13 - A2		101
	34	1 112	1.5	41.9	2KJ1105 - GJ13 - X1		101
	39	989	1.7	37.27	★ 2KJ1105 - GJ13 - W1		101
	42	904	1.9	34.07	2KJ1105 - GJ13 - V1		101
	46	831	2.0	31.32	★ 2KJ1105 - GJ13 - U1		101
	50	767	2.2	28.93	2KJ1105 - GJ13 - T1		101
	54	712	2.4	26.85	★ 2KJ1105 - GJ13 - S1		101

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
4	Z.88-LA112ZMP4E						
	58	663	2.5	25.01	2KJ1105 - ■ GJ13 - ■■■ R1		101
	64	600	2.8	22.61	★ 2KJ1105 - ■ GJ13 - ■■■ Q1		101
	69	552	3.0	20.81	2KJ1105 - ■ GJ13 - ■■■ P1		101
	Z.68-LA112ZMP4E						
	38	1 002	0.80	37.76	★ 2KJ1104 - ■ GJ13 - ■■■ V1		69
	42	915	0.87	34.49	2KJ1104 - ■ GJ13 - ■■■ U1		69
	47	812	0.99	30.6	★ 2KJ1104 - ■ GJ13 - ■■■ T1		69
	51	749	1.1	28.25	2KJ1104 - ■ GJ13 - ■■■ S1		69
	56	678	1.2	25.55	★ 2KJ1104 - ■ GJ13 - ■■■ R1		69
	61	624	1.3	23.53	2KJ1104 - ■ GJ13 - ■■■ Q1		69
	66	577	1.4	21.76	★ 2KJ1104 - ■ GJ13 - ■■■ P1		69
	71	536	1.5	20.2	2KJ1104 - ■ GJ13 - ■■■ N1		69
	81	473	1.7	17.82	★ 2KJ1104 - ■ GJ13 - ■■■ M1		69
	88	436	1.8	16.45	2KJ1104 - ■ GJ13 - ■■■ L1		69
	98	391	2.0	14.74	★ 2KJ1104 - ■ GJ13 - ■■■ K1		69
	106	361	2.2	13.59	2KJ1104 - ■ GJ13 - ■■■ J1		69
	126	302	2.6	11.4	2KJ1104 - ■ GJ13 - ■■■ H1		69
	148	258	2.9	9.73	★ 2KJ1104 - ■ GJ13 - ■■■ G1		69
	178	215	3.3	8.11	2KJ1104 - ■ GJ13 - ■■■ F1		69
	214	178	3.6	6.72	★ 2KJ1104 - ■ GJ13 - ■■■ E1		69
	243	157	3.1	5.93	2KJ1104 - ■ GJ13 - ■■■ D1		69
	285	134	3.6	5.06	★ 2KJ1104 - ■ GJ13 - ■■■ C1		69
	341	112	4.2	4.22	2KJ1104 - ■ GJ13 - ■■■ B1		69
	413	93	4.5	3.49	★ 2KJ1104 - ■ GJ13 - ■■■ A1		69
	Z.68-LA112ZMP2E						
	163	234	3.4	17.82	★ 2KJ1104 - ■ GJ13 - ■■■ M1	P00	69
	177	216	3.7	16.45	2KJ1104 - ■ GJ13 - ■■■ L1	P00	69
	197	194	4.1	14.74	★ 2KJ1104 - ■ GJ13 - ■■■ K1	P00	69
	214	179	4.5	13.59	2KJ1104 - ■ GJ13 - ■■■ J1	P00	69
	Z.48-LA112ZMP4E						
	69	556	0.81	20.95	2KJ1103 - ■ GJ13 - ■■■ Q1		52
	75	507	0.89	19.13	★ 2KJ1103 - ■ GJ13 - ■■■ P1		52
	82	466	0.97	17.55	2KJ1103 - ■ GJ13 - ■■■ N1		52
	89	429	1.0	16.17	★ 2KJ1103 - ■ GJ13 - ■■■ M1		52
	98	389	1.1	14.68	2KJ1103 - ■ GJ13 - ■■■ L1		52
	108	355	1.2	13.38	★ 2KJ1103 - ■ GJ13 - ■■■ K1		52
	118	325	1.2	12.25	2KJ1103 - ■ GJ13 - ■■■ J1		52
	132	290	1.3	10.93	★ 2KJ1103 - ■ GJ13 - ■■■ H1		52
	148	259	1.5	9.76	2KJ1103 - ■ GJ13 - ■■■ G1		52
	174	220	1.6	8.29	2KJ1103 - ■ GJ13 - ■■■ F1		52
	209	183	1.9	6.9	★ 2KJ1103 - ■ GJ13 - ■■■ E1		52
	212	180	1.5	6.79	★ 2KJ1103 - ■ GJ13 - ■■■ D1		52
	238	161	1.7	6.06	2KJ1103 - ■ GJ13 - ■■■ C1		52

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
4	Z.48-LA112ZMP4E						
	280	137	2.0	5.15	2KJ1103 - GJ13 - B1		52
	336	114	2.3	4.28	★ 2KJ1103 - GJ13 - A1		52
	Z.48-LA112ZMP2E						
	152	252	1.8	19.13	★ 2KJ1103 - GJ13 - P1	P00	52
	166	231	1.9	17.55	2KJ1103 - GJ13 - N1	P00	52
	180	213	2.0	16.17	★ 2KJ1103 - GJ13 - M1	P00	52
	198	193	2.2	14.68	2KJ1103 - GJ13 - L1	P00	52
	217	176	2.3	13.38	★ 2KJ1103 - GJ13 - K1	P00	52
	237	161	2.5	12.25	2KJ1103 - GJ13 - J1	P00	52
	266	144	2.7	10.93	★ 2KJ1103 - GJ13 - H1	P00	52
	298	128	3.0	9.76	2KJ1103 - GJ13 - G1	P00	52
	350	109	3.3	8.29	2KJ1103 - GJ13 - F1	P00	52
	421	91	3.7	6.9	★ 2KJ1103 - GJ13 - E1	P00	52
	428	89	3.0	6.79	★ 2KJ1103 - GJ13 - D1	P00	52
	479	80	3.4	6.06	2KJ1103 - GJ13 - C1	P00	52
	564	68	4.0	5.15	2KJ1103 - GJ13 - B1	P00	52
	679	56	4.6	4.28	★ 2KJ1103 - GJ13 - A1	P00	52
	Z.38-LA112ZMP4E						
	165	232	0.84	8.75	2KJ1102 - GJ13 - H1		42
	191	199	0.95	7.52	★ 2KJ1102 - GJ13 - G1		42
	192	199	0.93	7.5	★ 2KJ1102 - GJ13 - F1		42
	215	178	1.0	6.71	2KJ1102 - GJ13 - D1		42
	234	163	1.0	6.16	★ 2KJ1102 - GJ13 - C1		42
	259	147	1.1	5.55	2KJ1102 - GJ13 - B1		42
	302	127	1.3	4.77	★ 2KJ1102 - GJ13 - A1		42
	Z.38-LA112ZMP2E						
	168	228	0.97	17.33	★ 2KJ1102 - GJ13 - Q1	P00	42
	186	206	1.1	15.64	2KJ1102 - GJ13 - P1	P00	42
	205	186	1.2	14.18	★ 2KJ1102 - GJ13 - N1	P00	42
	225	170	1.3	12.92	2KJ1102 - GJ13 - M1	P00	42
	246	155	1.4	11.82	★ 2KJ1102 - GJ13 - L1	P00	42
	275	139	1.5	10.57	2KJ1102 - GJ13 - K1	P00	42
	299	128	1.6	9.7	★ 2KJ1102 - GJ13 - J1	P00	42
	332	115	1.7	8.75	2KJ1102 - GJ13 - H1	P00	42
	386	99	1.9	7.52	★ 2KJ1102 - GJ13 - G1	P00	42
	387	99	1.9	7.5	★ 2KJ1102 - GJ13 - F1	P00	42
	433	88	2.0	6.71	2KJ1102 - GJ13 - D1	P00	42
	472	81	2.1	6.16	★ 2KJ1102 - GJ13 - C1	P00	42
	523	73	2.3	5.55	2KJ1102 - GJ13 - B1	P00	42
	609	63	2.6	4.77	★ 2KJ1102 - GJ13 - A1	P00	42
	E.128-LA112ZMP4E						
	142	269	2.0	10.14	★ 2KJ1006 - GJ13 - T1		126
	153	249	2.3	9.4	2KJ1006 - GJ13 - S1		126

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
4	E.128-LA112ZMP4E						
	161	237	2.7	8.94	★ 2KJ1006 - GJ13 - R1		126
	172	222	3.2	8.35	2KJ1006 - GJ13 - Q1		126
	195	196	4.2	7.37	★ 2KJ1006 - GJ13 - P1		126
	E.108-LA112ZMP4E						
	264	145	4.6	5.46	★ 2KJ1005 - GJ13 - K1		89
	E.88-LA112ZMP4E						
	139	274	0.84	10.33	★ 2KJ1004 - GJ13 - S1		68
	152	251	0.84	9.46	2KJ1004 - GJ13 - R1		68
	171	223	1.1	8.42	★ 2KJ1004 - GJ13 - Q1		68
	187	204	1.2	7.69	2KJ1004 - GJ13 - P1		68
	204	188	1.5	7.07	★ 2KJ1004 - GJ13 - N1		68
	221	173	1.7	6.53	2KJ1004 - GJ13 - M1		68
	238	161	1.7	6.06	★ 2KJ1004 - GJ13 - L1		68
	255	150	2.1	5.65	2KJ1004 - GJ13 - K1		68
	282	136	2.7	5.11	★ 2KJ1004 - GJ13 - J1		68
	306	125	3.1	4.7	2KJ1004 - GJ13 - H1		68
	340	112	3.6	4.23	★ 2KJ1004 - GJ13 - G1		68
	369	103	3.7	3.9	2KJ1004 - GJ13 - F1		68
	436	88	5.1	3.3	2KJ1004 - GJ13 - E1		68
	500	76	5.7	2.88	★ 2KJ1004 - GJ13 - D1		68
	E.68-LA112ZMP4E						
	182	210	0.81	7.92	★ 2KJ1003 - GJ13 - S1		51
	224	170	1.0	6.42	★ 2KJ1003 - GJ13 - P1		51
	243	157	1.2	5.92	2KJ1003 - GJ13 - N1		51
	269	142	1.5	5.36	★ 2KJ1003 - GJ13 - M1		51
	292	131	1.7	4.93	2KJ1003 - GJ13 - L1		51
	316	121	1.8	4.56	★ 2KJ1003 - GJ13 - K1		51
	340	112	2.0	4.24	2KJ1003 - GJ13 - J1		51
	385	99	2.3	3.74	★ 2KJ1003 - GJ13 - H1		51
	417	92	2.6	3.45	2KJ1003 - GJ13 - G1		51
	466	82	3.0	3.09	★ 2KJ1003 - GJ13 - F1		51
	505	76	3.3	2.85	2KJ1003 - GJ13 - E1		51
	603	63	3.6	2.39	2KJ1003 - GJ13 - D1		51
	706	54	3.9	2.04	★ 2KJ1003 - GJ13 - C1		51
	847	45	3.9	1.7	2KJ1003 - GJ13 - B1		51
	1 021	37	4.0	1.41	★ 2KJ1003 - GJ13 - A1		51
	E.48-LA112ZMP4E						
	283	135	0.89	5.08	★ 2KJ1002 - GJ13 - M1		41
	312	123	1.1	4.62	2KJ1002 - GJ13 - L1		41
	342	112	1.3	4.21	★ 2KJ1002 - GJ13 - K1		41
	372	103	1.6	3.87	2KJ1002 - GJ13 - J1		41
	404	94	1.5	3.56	★ 2KJ1002 - GJ13 - H1		41
	444	86	1.7	3.24	2KJ1002 - GJ13 - G1		41

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
4	E.48-LA112ZMP4E						
	488	78	2.2	2.95	★ 2KJ1002 - ■GJ13 - ■■F1		41
	533	72	2.2	2.7	2KJ1002 - ■GJ13 - ■■E1		41
	598	64	2.3	2.41	★ 2KJ1002 - ■GJ13 - ■■D1		41
	670	57	2.4	2.15	2KJ1002 - ■GJ13 - ■■C1		41
	787	48	2.4	1.83	2KJ1002 - ■GJ13 - ■■B1		41
	947	40	2.5	1.52	★ 2KJ1002 - ■GJ13 - ■■A1		41
	E.38-LA112ZMP4E						
	480	80	1.0	3	★ 2KJ1001 - ■GJ13 - ■■G1		38
	527	72	1.1	2.73	2KJ1001 - ■GJ13 - ■■F1		38
	702	54	1.5	2.05	★ 2KJ1001 - ■GJ13 - ■■C1		38
	778	49	1.7	1.85	2KJ1001 - ■GJ13 - ■■B1		38
	906	42	1.7	1.59	★ 2KJ1001 - ■GJ13 - ■■A1		38
5.5	D.188-Z68-LA132SP4E						
	1.9	25 081	0.8	746	2KJ1237 - ■HG13 - ■■F1		663
	2.3	20 811	0.96	619	★ 2KJ1237 - ■HG13 - ■■E1		663
	2.6	18 357	1.1	546	2KJ1237 - ■HG13 - ■■D1		663
	D.188-LA160MB8						
	2.9	18 038	1.1	243.82	2KJ1211 - ■JF13 - ■■N1	P02	676
	3.2	16 288	1.2	220.17	2KJ1211 - ■JF13 - ■■M1	P02	676
	3.4	15 265	1.3	206.34	2KJ1211 - ■JF13 - ■■L1	P02	676
	D.188-LA132ZMD6E						
	3.9	13 340	1.5	243.82	2KJ1211 - ■HK13 - ■■N1	P01	652
	4.4	12 046	1.7	220.17	2KJ1211 - ■HK13 - ■■M1	P01	652
	4.7	11 290	1.8	206.34	2KJ1211 - ■HK13 - ■■L1	P01	652
	5.4	9 697	2.1	177.23	★ 2KJ1211 - ■HK13 - ■■K1	P01	652
	D.168-LA132ZMD6E						
	3.1	17 148	0.82	313.41	2KJ1210 - ■HK13 - ■■T1	P01	507
	3.3	15 825	0.88	289.23	★ 2KJ1210 - ■HK13 - ■■S1	P01	507
	3.6	14 679	0.95	268.29	2KJ1210 - ■HK13 - ■■R1	P01	507
	3.8	13 847	1.0	253.08	★ 2KJ1210 - ■HK13 - ■■Q1	P01	507
	D.168-LA132SP4E						
	4.2	12 417	1.1	341.61	★ 2KJ1210 - ■HG13 - ■■U1		507
	4.6	11 392	1.2	313.41	2KJ1210 - ■HG13 - ■■T1		507
	5.0	10 513	1.3	289.23	★ 2KJ1210 - ■HG13 - ■■S1		507
	5.4	9 752	1.4	268.29	2KJ1210 - ■HG13 - ■■R1		507
	5.7	9 199	1.5	253.08	★ 2KJ1210 - ■HG13 - ■■Q1		507
	6.1	8 605	1.6	236.72	2KJ1210 - ■HG13 - ■■P1		507
	6.9	7 651	1.8	210.49	★ 2KJ1210 - ■HG13 - ■■N1		507
	7.3	7 223	1.9	198.71	2KJ1210 - ■HG13 - ■■M1		507
	D.148-LA132SP4E						
	5.2	10 041	0.80	276.23	2KJ1208 - ■HG13 - ■■U1		336
	5.7	9 258	0.86	254.7	★ 2KJ1208 - ■HG13 - ■■T1		336
	6.1	8 580	0.93	236.05	2KJ1208 - ■HG13 - ■■S1		336

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
5.5	D.148-LA132SP4E						
	6.4	8 158	0.98	224.43	★ 2KJ1208 - ■HG13 - ■■R1		336
	6.9	7 625	1.0	209.76	2KJ1208 - ■HG13 - ■■Q1		336
	7.8	6 726	1.2	185.03	★ 2KJ1208 - ■HG13 - ■■P1		336
	8.3	6 344	1.3	174.53	2KJ1208 - ■HG13 - ■■N1		336
	9.2	5 684	1.4	156.38	★ 2KJ1208 - ■HG13 - ■■M1		336
	10.0	5 249	1.5	144.39	2KJ1208 - ■HG13 - ■■L1		336
	11.7	4 484	1.8	123.37	2KJ1208 - ■HG13 - ■■K1		336
	13.0	4 053	2.0	111.5	★ 2KJ1208 - ■HG13 - ■■J1		336
	13.5	3 905	2.0	107.42	2KJ1208 - ■HG13 - ■■H1		336
Z.148-LA132SP4E							
25	2 090	2.2	57.5	2KJ1108 - ■HG13 - ■■B2		324	
D.128-LA132SP4E							
8.4	6 238	0.82	171.62	2KJ1207 - ■HG13 - ■■P1		246	
9.1	5 801	0.88	159.6	★ 2KJ1207 - ■HG13 - ■■N1		246	
9.7	5 416	0.94	148.99	2KJ1207 - ■HG13 - ■■M1		246	
10.8	4 845	1.1	133.3	★ 2KJ1207 - ■HG13 - ■■L1		246	
11.7	4 490	1.1	123.53	2KJ1207 - ■HG13 - ■■K1		246	
12.8	4 116	1.2	113.24	★ 2KJ1207 - ■HG13 - ■■J1		246	
13.9	3 773	1.4	103.8	2KJ1207 - ■HG13 - ■■H1		246	
16.3	3 215	1.6	88.46	2KJ1207 - ■HG13 - ■■G1		246	
18.5	2 837	1.8	78.06	★ 2KJ1207 - ■HG13 - ■■F1		246	
22	2 415	2.1	66.43	2KJ1207 - ■HG13 - ■■E1		246	
25	2 092	2.4	57.56	★ 2KJ1207 - ■HG13 - ■■D1		246	
Z.128-LA132SP4E							
33	1 606	2.0	44.19	★ 2KJ1107 - ■HG13 - ■■D2		237	
35	1 489	2.1	40.96	2KJ1107 - ■HG13 - ■■C2		237	
D.108-LA132SP4E							
13.8	3 820	0.81	105.08	★ 2KJ1206 - ■HG13 - ■■G1		169	
14.9	3 524	0.88	96.94	2KJ1206 - ■HG13 - ■■F1		169	
17.6	2 986	1.0	82.14	2KJ1206 - ■HG13 - ■■E1		169	
20	2 602	1.2	71.59	★ 2KJ1206 - ■HG13 - ■■D1		169	
24	2 214	1.4	60.9	2KJ1206 - ■HG13 - ■■C1		169	
Z.108-LA132SP4E							
30	1 759	1.8	48.38	★ 2KJ1106 - ■HG13 - ■■C2		165	
33	1 611	1.9	44.31	2KJ1106 - ■HG13 - ■■B2		165	
35	1 484	2.1	40.82	★ 2KJ1106 - ■HG13 - ■■A2		165	
38	1 374	2.3	37.79	2KJ1106 - ■HG13 - ■■X1		165	
41	1 277	2.4	35.14	★ 2KJ1106 - ■HG13 - ■■W1		165	
44	1 193	2.6	32.81	2KJ1106 - ■HG13 - ■■V1		165	
D.88-LA132SP4E							
25	2 106	0.80	57.93	2KJ1205 - ■HG13 - ■■D1		121	
29	1 796	0.94	49.42	★ 2KJ1205 - ■HG13 - ■■C1		121	
35	1 497	1.1	41.19	2KJ1205 - ■HG13 - ■■B1		121	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg	
5.5	Z.88-LA132SP4E							
	39	1 355	1.2	37.27	★ 2KJ1105 - HG13 - W1		119	
	42	1 238	1.4	34.07	2KJ1105 - HG13 - V1		119	
	46	1 138	1.5	31.32	★ 2KJ1105 - HG13 - U1		119	
	50	1 052	1.6	28.93	2KJ1105 - HG13 - T1		119	
	54	976	1.7	26.85	★ 2KJ1105 - HG13 - S1		119	
	58	909	1.8	25.01	2KJ1105 - HG13 - R1		119	
	64	822	2.0	22.61	★ 2KJ1105 - HG13 - Q1		119	
	69	756	2.2	20.81	2KJ1105 - HG13 - P1		119	
	77	680	2.5	18.72	★ 2KJ1105 - HG13 - N1		119	
	84	628	2.7	17.27	2KJ1105 - HG13 - M1		119	
	99	532	3.0	14.63	2KJ1105 - HG13 - L1		119	
	113	463	3.3	12.75	★ 2KJ1105 - HG13 - K1		119	
	133	394	3.7	10.85	2KJ1105 - HG13 - J1		119	
	325	162	4.9	4.45	★ 2KJ1105 - HG13 - C1		119	
	381	138	5.4	3.79	★ 2KJ1105 - HG13 - B1		119	
		Z.68-LA132SP4E						
		57	929	0.86	25.55	★ 2KJ1104 - HG13 - R1		87
		61	855	0.94	23.53	2KJ1104 - HG13 - Q1		87
66		791	1.0	21.76	★ 2KJ1104 - HG13 - P1		87	
72		734	1.1	20.2	2KJ1104 - HG13 - N1		87	
81		648	1.2	17.82	★ 2KJ1104 - HG13 - M1		87	
88		598	1.3	16.45	2KJ1104 - HG13 - L1		87	
98		536	1.5	14.74	★ 2KJ1104 - HG13 - K1		87	
106		494	1.6	13.59	2KJ1104 - HG13 - J1		87	
127		414	1.9	11.4	2KJ1104 - HG13 - H1		87	
149		354	2.1	9.73	★ 2KJ1104 - HG13 - G1		87	
178		295	2.4	8.11	2KJ1104 - HG13 - F1		87	
215		244	2.7	6.72	★ 2KJ1104 - HG13 - E1		87	
244		216	2.3	5.93	2KJ1104 - HG13 - D1		87	
286		184	2.6	5.06	★ 2KJ1104 - HG13 - C1		87	
342		153	3.1	4.22	2KJ1104 - HG13 - B1		87	
414		127	3.3	3.49	★ 2KJ1104 - HG13 - A1		87	
		Z.68-LA132SB2E						
		164	319	2.5	17.82	★ 2KJ1104 - HF13 - M1	P00	79
	178	295	2.7	16.45	2KJ1104 - HF13 - L1	P00	79	
	199	264	3.0	14.74	★ 2KJ1104 - HF13 - K1	P00	79	
	216	244	3.3	13.59	2KJ1104 - HF13 - J1	P00	79	
	257	204	3.8	11.4	2KJ1104 - HF13 - H1	P00	79	
	301	174	4.3	9.73	★ 2KJ1104 - HF13 - G1	P00	79	
	361	145	4.8	8.11	2KJ1104 - HF13 - F1	P00	79	
	436	120	5.4	6.72	★ 2KJ1104 - HF13 - E1	P00	79	
	494	106	4.6	5.93	2KJ1104 - HF13 - D1	P00	79	
	579	91	5.3	5.06	★ 2KJ1104 - HF13 - C1	P00	79	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
5.5	Z.68-LA132SB2E						
	694	76	6.2	4.22	2KJ1104 - ■HF13 - ■■B1	P00	79
	Z.48-LA132SP4E						
	108	486	0.84	13.38	★ 2KJ1103 - ■HG13 - ■■K1		70
	118	445	0.90	12.25	2KJ1103 - ■HG13 - ■■J1		70
	132	397	0.98	10.93	★ 2KJ1103 - ■HG13 - ■■H1		70
	148	355	1.1	9.76	2KJ1103 - ■HG13 - ■■G1		70
	174	301	1.2	8.29	2KJ1103 - ■HG13 - ■■F1		70
	209	251	1.4	6.9	★ 2KJ1103 - ■HG13 - ■■E1		70
	213	247	1.1	6.79	★ 2KJ1103 - ■HG13 - ■■D1		70
	238	220	1.2	6.06	2KJ1103 - ■HG13 - ■■C1		70
	281	187	1.4	5.15	2KJ1103 - ■HG13 - ■■B1		70
	338	156	1.7	4.28	★ 2KJ1103 - ■HG13 - ■■A1		70
	Z.48-LA132SB2E						
	153	343	1.3	19.13	★ 2KJ1103 - ■HF13 - ■■P1	P00	62
	167	315	1.4	17.55	2KJ1103 - ■HF13 - ■■N1	P00	62
	181	290	1.5	16.17	★ 2KJ1103 - ■HF13 - ■■M1	P00	62
	200	263	1.6	14.68	2KJ1103 - ■HF13 - ■■L1	P00	62
	219	240	1.7	13.38	★ 2KJ1103 - ■HF13 - ■■K1	P00	62
	239	220	1.8	12.25	2KJ1103 - ■HF13 - ■■J1	P00	62
	268	196	2.0	10.93	★ 2KJ1103 - ■HF13 - ■■H1	P00	62
	300	175	2.2	9.76	2KJ1103 - ■HF13 - ■■G1	P00	62
	353	149	2.4	8.29	2KJ1103 - ■HF13 - ■■F1	P00	62
	425	124	2.7	6.9	★ 2KJ1103 - ■HF13 - ■■E1	P00	62
	432	122	2.2	6.79	★ 2KJ1103 - ■HF13 - ■■D1	P00	62
	483	109	2.5	6.06	2KJ1103 - ■HF13 - ■■C1	P00	62
	569	92	2.9	5.15	2KJ1103 - ■HF13 - ■■B1	P00	62
	685	77	3.4	4.28	★ 2KJ1103 - ■HF13 - ■■A1	P00	62
	E.148-LA132SP4E						
	106	497	1.2	13.67	★ 2KJ1007 - ■HG13 - ■■U1		168
	115	456	1.3	12.54	2KJ1007 - ■HG13 - ■■T1		168
	125	421	1.6	11.57	★ 2KJ1007 - ■HG13 - ■■S1		168
	135	390	1.9	10.73	2KJ1007 - ■HG13 - ■■R1		168
	143	368	2.2	10.13	★ 2KJ1007 - ■HG13 - ■■Q1		168
	153	344	2.7	9.47	2KJ1007 - ■HG13 - ■■P1		168
	172	306	3.3	8.42	★ 2KJ1007 - ■HG13 - ■■N1		168
	182	289	3.7	7.95	2KJ1007 - ■HG13 - ■■M1		168
	202	260	4.3	7.14	★ 2KJ1007 - ■HG13 - ■■L1		168
	E.128-LA132SP4E						
	143	369	1.5	10.14	★ 2KJ1006 - ■HG13 - ■■T1		144
	154	342	1.7	9.4	2KJ1006 - ■HG13 - ■■S1		144
	162	325	2.0	8.94	★ 2KJ1006 - ■HG13 - ■■R1		144
	173	304	2.3	8.35	2KJ1006 - ■HG13 - ■■Q1		144
	196	268	3.0	7.37	★ 2KJ1006 - ■HG13 - ■■P1		144

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
5.5	E.128-LA132SP4E						
	208	253	3.5	6.95	2KJ1006 - ■ HG13 - ■■ N1		144
	232	226	4.1	6.23	★ 2KJ1006 - ■ HG13 - ■■ M1		144
	251	209	4.6	5.75	2KJ1006 - ■ HG13 - ■■ L1		144
	E.108-LA132SP4E						
	265	198	3.3	5.46	★ 2KJ1005 - ■ HG13 - ■■ K1		107
	289	182	3.7	5	2KJ1005 - ■ HG13 - ■■ J1		107
	339	155	4.6	4.26	2KJ1005 - ■ HG13 - ■■ H1		107
	384	137	4.4	3.76	★ 2KJ1005 - ■ HG13 - ■■ G1		107
	E.88-LA132SP4E						
	172	306	0.80	8.42	★ 2KJ1004 - ■ HG13 - ■■ Q1		86
	188	280	0.88	7.69	2KJ1004 - ■ HG13 - ■■ P1		86
	204	257	1.1	7.07	★ 2KJ1004 - ■ HG13 - ■■ N1		86
	221	237	1.3	6.53	2KJ1004 - ■ HG13 - ■■ M1		86
	238	220	1.3	6.06	★ 2KJ1004 - ■ HG13 - ■■ L1		86
	256	205	1.6	5.65	2KJ1004 - ■ HG13 - ■■ K1		86
	283	186	2.0	5.11	★ 2KJ1004 - ■ HG13 - ■■ J1		86
	307	171	2.3	4.7	2KJ1004 - ■ HG13 - ■■ H1		86
	342	154	2.6	4.23	★ 2KJ1004 - ■ HG13 - ■■ G1		86
	371	142	2.7	3.9	2KJ1004 - ■ HG13 - ■■ F1		86
	438	120	3.8	3.3	2KJ1004 - ■ HG13 - ■■ E1		86
	502	105	4.2	2.88	★ 2KJ1004 - ■ HG13 - ■■ D1		86
	590	89	4.7	2.45	2KJ1004 - ■ HG13 - ■■ C1		86
	691	76	5.5	2.09	★ 2KJ1004 - ■ HG13 - ■■ B1		86
	845	62	5.7	1.71	★ 2KJ1004 - ■ HG13 - ■■ A1		86
	E.68-LA132SP4E						
	244	215	0.88	5.92	2KJ1003 - ■ HG13 - ■■ N1		69
	270	195	1.1	5.36	★ 2KJ1003 - ■ HG13 - ■■ M1		69
	293	179	1.3	4.93	2KJ1003 - ■ HG13 - ■■ L1		69
	317	166	1.3	4.56	★ 2KJ1003 - ■ HG13 - ■■ K1		69
	341	154	1.5	4.24	2KJ1003 - ■ HG13 - ■■ J1		69
	386	136	1.7	3.74	★ 2KJ1003 - ■ HG13 - ■■ H1		69
	419	125	1.9	3.45	2KJ1003 - ■ HG13 - ■■ G1		69
	468	112	2.2	3.09	★ 2KJ1003 - ■ HG13 - ■■ F1		69
	507	104	2.4	2.85	2KJ1003 - ■ HG13 - ■■ E1		69
	605	87	2.6	2.39	2KJ1003 - ■ HG13 - ■■ D1		69
	708	74	2.8	2.04	★ 2KJ1003 - ■ HG13 - ■■ C1		69
	850	62	2.8	1.7	2KJ1003 - ■ HG13 - ■■ B1		69
	1 025	51	2.9	1.41	★ 2KJ1003 - ■ HG13 - ■■ A1		69
	E.48-LA132SP4E						
	343	153	0.98	4.21	★ 2KJ1002 - ■ HG13 - ■■ K1		59
	373	141	1.1	3.87	2KJ1002 - ■ HG13 - ■■ J1		59
	406	129	1.1	3.56	★ 2KJ1002 - ■ HG13 - ■■ H1		59
	446	118	1.3	3.24	2KJ1002 - ■ HG13 - ■■ G1		59

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
5.5	E.48-LA132SP4E						
	490	107	1.6	2.95	★ 2KJ1002 - ■HG13 - ■■F1		59
	535	98	1.6	2.7	2KJ1002 - ■HG13 - ■■E1		59
	600	88	1.7	2.41	★ 2KJ1002 - ■HG13 - ■■D1		59
	672	78	1.7	2.15	2KJ1002 - ■HG13 - ■■C1		59
	790	66	1.7	1.83	2KJ1002 - ■HG13 - ■■B1		59
	951	55	1.8	1.52	★ 2KJ1002 - ■HG13 - ■■A1		59
7.5	D.188-Z68-LA132ZMP4E						
	2.7	24 896	0.80	546	2KJ1237 - ■HK13 - ■■D1		663
	D.188-LA160LB8						
	2.9	24 425	0.82	243.82	2KJ1211 - ■JJ13 - ■■N1	P02	688
	3.2	22 055	0.91	220.17	2KJ1211 - ■JJ13 - ■■M1	P02	688
	3.5	20 670	0.97	206.34	2KJ1211 - ■JJ13 - ■■L1	P02	688
	D.188-LA160MD6E						
	4.0	18 097	1.1	243.82	2KJ1211 - ■JJ13 - ■■N1	P01	688
	4.4	16 342	1.2	220.17	2KJ1211 - ■JJ13 - ■■M1	P01	688
	4.7	15 315	1.3	206.34	2KJ1211 - ■JJ13 - ■■L1	P01	688
	5.4	13 155	1.5	177.23	★ 2KJ1211 - ■JJ13 - ■■K1	P01	688
	D.188-LA132ZMP4E						
	6.0	12 002	1.7	243.82	2KJ1211 - ■HK13 - ■■N1		652
	6.6	10 838	1.8	220.17	2KJ1211 - ■HK13 - ■■M1		652
	7.1	10 157	2.0	206.34	2KJ1211 - ■HK13 - ■■L1		652
	D.168-LA132ZMP4E						
	4.3	16 816	0.83	341.61	★ 2KJ1210 - ■HK13 - ■■U1		507
	4.6	15 428	0.91	313.41	2KJ1210 - ■HK13 - ■■T1		507
	5.0	14 238	0.98	289.23	★ 2KJ1210 - ■HK13 - ■■S1		507
	5.4	13 207	1.1	268.29	2KJ1210 - ■HK13 - ■■R1		507
	5.7	12 458	1.1	253.08	★ 2KJ1210 - ■HK13 - ■■Q1		507
	6.1	11 653	1.2	236.72	2KJ1210 - ■HK13 - ■■P1		507
	6.9	10 362	1.4	210.49	★ 2KJ1210 - ■HK13 - ■■N1		507
	7.3	9 782	1.4	198.71	2KJ1210 - ■HK13 - ■■M1		507
	8.2	8 781	1.6	178.38	★ 2KJ1210 - ■HK13 - ■■L1		507
	8.9	8 059	1.7	163.72	2KJ1210 - ■HK13 - ■■K1		507
	10.3	6 955	2	141.28	2KJ1210 - ■HK13 - ■■J1		507
	D.148-LA132ZMP4E						
	7.9	9 108	0.88	185.03	★ 2KJ1208 - ■HK13 - ■■P1		336
	8.3	8 592	0.93	174.53	2KJ1208 - ■HK13 - ■■N1		336
9.3	7 698	1.0	156.38	★ 2KJ1208 - ■HK13 - ■■M1		336	
10.1	7 108	1.1	144.39	2KJ1208 - ■HK13 - ■■L1		336	
11.8	6 073	1.3	123.37	2KJ1208 - ■HK13 - ■■K1		336	
13.0	5 489	1.5	111.5	★ 2KJ1208 - ■HK13 - ■■J1		336	
13.5	5 288	1.5	107.42	2KJ1208 - ■HK13 - ■■H1		336	
15.7	4 574	1.7	92.91	2KJ1208 - ■HK13 - ■■G1		336	
18.0	3 989	2.0	81.04	★ 2KJ1208 - ■HK13 - ■■F1		336	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
7.5	D.148-LA132ZMP4E						
	21	3 414	2.3	69.36	★ 2KJ1208 - ■HK13 - ■■E1		336
	Z.148-LA132ZMP4E						
	25	2 831	1.6	57.5	2KJ1108 - ■HK13 - ■■B2		324
	D.128-LA132ZMP4E						
	11.8	6 081	0.84	123.53	2KJ1207 - ■HK13 - ■■K1		246
	12.8	5 574	0.91	113.24	★ 2KJ1207 - ■HK13 - ■■J1		246
	14.0	5 110	1.0	103.8	2KJ1207 - ■HK13 - ■■H1		246
	16.4	4 355	1.2	88.46	2KJ1207 - ■HK13 - ■■G1		246
	18.6	3 843	1.3	78.06	★ 2KJ1207 - ■HK13 - ■■F1		246
	22	3 270	1.6	66.43	2KJ1207 - ■HK13 - ■■E1		246
	25	2 833	1.8	57.56	★ 2KJ1207 - ■HK13 - ■■D1		246
	30	2 385	2.1	48.44	★ 2KJ1207 - ■HK13 - ■■C1		246
	33	2 152	2.4	43.71	2KJ1207 - ■HK13 - ■■B1		246
	Z.128-LA132ZMP4E						
	33	2 175	1.5	44.19	★ 2KJ1107 - ■HK13 - ■■D2		237
	36	2 016	1.6	40.96	2KJ1107 - ■HK13 - ■■C2		237
	D.108-LA132ZMP4E						
	20	3 524	0.88	71.59	★ 2KJ1206 - ■HK13 - ■■D1		169
24	2 998	1.0	60.9	2KJ1206 - ■HK13 - ■■C1		169	
Z.108-LA132ZMP4E							
30	2 382	1.3	48.38	★ 2KJ1106 - ■HK13 - ■■C2		165	
33	2 181	1.4	44.31	2KJ1106 - ■HK13 - ■■B2		165	
36	2 009	1.5	40.82	★ 2KJ1106 - ■HK13 - ■■A2		165	
38	1 860	1.7	37.79	2KJ1106 - ■HK13 - ■■X1		165	
41	1 730	1.8	35.14	★ 2KJ1106 - ■HK13 - ■■W1		165	
44	1 615	1.9	32.81	2KJ1106 - ■HK13 - ■■V1		165	
50	1 445	2.1	29.35	★ 2KJ1106 - ■HK13 - ■■U1		165	
54	1 339	2.3	27.2	2KJ1106 - ■HK13 - ■■T1		165	
58	1 228	2.5	24.94	★ 2KJ1106 - ■HK13 - ■■S1		165	
64	1 125	2.8	22.86	2KJ1106 - ■HK13 - ■■R1		165	
75	959	3.2	19.48	2KJ1106 - ■HK13 - ■■Q1		165	
278	258	4.4	5.24	★ 2KJ1106 - ■HK13 - ■■D1		165	
D.88-LA132ZMP4E							
35	2 028	0.83	41.19	2KJ1205 - ■HK13 - ■■B1		121	
Z.88-LA132ZMP4E							
39	1 835	0.92	37.27	★ 2KJ1105 - ■HK13 - ■■W1		119	
43	1 677	1.0	34.07	2KJ1105 - ■HK13 - ■■V1		119	
46	1 542	1.1	31.32	★ 2KJ1105 - ■HK13 - ■■U1		119	
50	1 424	1.2	28.93	2KJ1105 - ■HK13 - ■■T1		119	
54	1 322	1.3	26.85	★ 2KJ1105 - ■HK13 - ■■S1		119	
58	1 231	1.4	25.01	2KJ1105 - ■HK13 - ■■R1		119	
64	1 113	1.5	22.61	★ 2KJ1105 - ■HK13 - ■■Q1		119	
70	1 024	1.6	20.81	2KJ1105 - ■HK13 - ■■P1		119	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
7.5	Z.88-LA132ZMP4E						
	78	922	1.8	18.72	★ 2KJ1105 - ■HK13 - ■■N1		119
	84	850	2.0	17.27	2KJ1105 - ■HK13 - ■■M1		119
	100	720	2.2	14.63	2KJ1105 - ■HK13 - ■■L1		119
	114	628	2.5	12.75	★ 2KJ1105 - ■HK13 - ■■K1		119
	134	534	2.8	10.85	2KJ1105 - ■HK13 - ■■J1		119
	157	456	3.0	9.26	★ 2KJ1105 - ■HK13 - ■■H1		119
	192	374	3.5	7.59	★ 2KJ1105 - ■HK13 - ■■G1		119
	209	343	3.7	6.96	2KJ1105 - ■HK13 - ■■F1		119
	245	292	4.1	5.94	★ 2KJ1105 - ■HK13 - ■■E1		119
	299	240	4.6	4.87	★ 2KJ1105 - ■HK13 - ■■D1		119
	327	219	3.7	4.45	★ 2KJ1105 - ■HK13 - ■■C1		119
	384	187	4.0	3.79	★ 2KJ1105 - ■HK13 - ■■B1		119
	468	153	4.3	3.11	★ 2KJ1105 - ■HK13 - ■■A1		119
	Z.88-LA132ZSD2E						
	157	458	3.7	18.72	★ 2KJ1105 - ■HJ13 - ■■N1	P00	119
	170	422	4.0	17.27	2KJ1105 - ■HJ13 - ■■M1	P00	119
	Z.68-LA132ZMP4E						
	72	994	0.80	20.2	2KJ1104 - ■HK13 - ■■N1		87
	82	877	0.91	17.82	★ 2KJ1104 - ■HK13 - ■■M1		87
	88	810	0.99	16.45	2KJ1104 - ■HK13 - ■■L1		87
	99	726	1.1	14.74	★ 2KJ1104 - ■HK13 - ■■K1		87
	107	669	1.2	13.59	2KJ1104 - ■HK13 - ■■J1		87
	128	561	1.4	11.4	2KJ1104 - ■HK13 - ■■H1		87
	150	479	1.6	9.73	★ 2KJ1104 - ■HK13 - ■■G1		87
	179	399	1.8	8.11	2KJ1104 - ■HK13 - ■■F1		87
	217	331	2.0	6.72	★ 2KJ1104 - ■HK13 - ■■E1		87
	245	292	1.7	5.93	2KJ1104 - ■HK13 - ■■D1		87
	288	249	1.9	5.06	★ 2KJ1104 - ■HK13 - ■■C1		87
	345	208	2.3	4.22	2KJ1104 - ■HK13 - ■■B1		87
	417	172	2.4	3.49	★ 2KJ1104 - ■HK13 - ■■A1		87
	Z.68-LA132ZSD2E						
	164	436	1.8	17.82	★ 2KJ1104 - ■HJ13 - ■■M1	P00	87
	178	402	2.0	16.45	2KJ1104 - ■HJ13 - ■■L1	P00	87
	199	360	2.2	14.74	★ 2KJ1104 - ■HJ13 - ■■K1	P00	87
	216	332	2.4	13.59	2KJ1104 - ■HJ13 - ■■J1	P00	87
	257	279	2.8	11.4	2KJ1104 - ■HJ13 - ■■H1	P00	87
	301	238	3.1	9.73	★ 2KJ1104 - ■HJ13 - ■■G1	P00	87
	361	198	3.5	8.11	2KJ1104 - ■HJ13 - ■■F1	P00	87
	436	164	4.0	6.72	★ 2KJ1104 - ■HJ13 - ■■E1	P00	87
494	145	3.4	5.93	2KJ1104 - ■HJ13 - ■■D1	P00	87	
579	124	3.9	5.06	★ 2KJ1104 - ■HJ13 - ■■C1	P00	87	
694	103	4.6	4.22	2KJ1104 - ■HJ13 - ■■B1	P00	87	
840	85	4.9	3.49	★ 2KJ1104 - ■HJ13 - ■■A1	P00	87	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
7.5	Z.48-LA132ZMP4E						
	176	408	0.88	8.29	2KJ1103 - ■HK13 - ■■F1		70
	211	340	1.0	6.9	★ 2KJ1103 - ■HK13 - ■■E1		70
	214	334	0.81	6.79	★ 2KJ1103 - ■HK13 - ■■D1		70
	240	298	0.91	6.06	2KJ1103 - ■HK13 - ■■C1		70
	283	254	1.1	5.15	2KJ1103 - ■HK13 - ■■B1		70
	340	211	1.2	4.28	★ 2KJ1103 - ■HK13 - ■■A1		70
	Z.48-LA132ZSD2E						
	153	468	0.96	19.13	★ 2KJ1103 - ■HJ13 - ■■P1	P00	70
	167	429	1.0	17.55	2KJ1103 - ■HJ13 - ■■N1	P00	70
	181	395	1.1	16.17	★ 2KJ1103 - ■HJ13 - ■■M1	P00	70
	200	359	1.2	14.68	2KJ1103 - ■HJ13 - ■■L1	P00	70
	219	327	1.3	13.38	★ 2KJ1103 - ■HJ13 - ■■K1	P00	70
	239	299	1.3	12.25	2KJ1103 - ■HJ13 - ■■J1	P00	70
	268	267	1.5	10.93	★ 2KJ1103 - ■HJ13 - ■■H1	P00	70
	300	239	1.6	9.76	2KJ1103 - ■HJ13 - ■■G1	P00	70
	353	203	1.8	8.29	2KJ1103 - ■HJ13 - ■■F1	P00	70
	425	169	2.0	6.9	★ 2KJ1103 - ■HJ13 - ■■E1	P00	70
	432	166	1.6	6.79	★ 2KJ1103 - ■HJ13 - ■■D1	P00	70
483	148	1.8	6.06	2KJ1103 - ■HJ13 - ■■C1	P00	70	
569	126	2.1	5.15	2KJ1103 - ■HJ13 - ■■B1	P00	70	
685	105	2.5	4.28	★ 2KJ1103 - ■HJ13 - ■■A1	P00	70	
E.148-LA132ZMP4E							
106	673	0.89	13.67	★ 2KJ1007 - ■HK13 - ■■U1		168	
116	617	0.97	12.54	2KJ1007 - ■HK13 - ■■T1		168	
126	570	1.2	11.57	★ 2KJ1007 - ■HK13 - ■■S1		168	
136	528	1.4	10.73	2KJ1007 - ■HK13 - ■■R1		168	
144	499	1.6	10.13	★ 2KJ1007 - ■HK13 - ■■Q1		168	
154	466	2.0	9.47	2KJ1007 - ■HK13 - ■■P1		168	
173	414	2.4	8.42	★ 2KJ1007 - ■HK13 - ■■N1		168	
183	391	2.7	7.95	2KJ1007 - ■HK13 - ■■M1		168	
204	351	3.2	7.14	★ 2KJ1007 - ■HK13 - ■■L1		168	
222	322	3.6	6.55	2KJ1007 - ■HK13 - ■■K1		168	
E.128-LA132ZMP4E							
143	499	1.1	10.14	★ 2KJ1006 - ■HK13 - ■■T1		144	
155	463	1.3	9.4	2KJ1006 - ■HK13 - ■■S1		144	
163	440	1.5	8.94	★ 2KJ1006 - ■HK13 - ■■R1		144	
174	411	1.7	8.35	2KJ1006 - ■HK13 - ■■Q1		144	
197	363	2.2	7.37	★ 2KJ1006 - ■HK13 - ■■P1		144	
209	342	2.6	6.95	2KJ1006 - ■HK13 - ■■N1		144	
234	307	3.0	6.23	★ 2KJ1006 - ■HK13 - ■■M1		144	
253	283	3.4	5.75	2KJ1006 - ■HK13 - ■■L1		144	
296	242	4.0	4.91	2KJ1006 - ■HK13 - ■■K1		144	
328	219	4.6	4.44	★ 2KJ1006 - ■HK13 - ■■J1		144	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
7.5	E.128-LA132ZMP4E						
	340	211	4.7	4.28	2KJ1006 - ■HK13 - ■■H1		144
	E.108-LA132ZMP4E						
	266	269	2.5	5.46	★ 2KJ1005 - ■HK13 - ■■K1		107
	291	246	2.8	5	2KJ1005 - ■HK13 - ■■J1		107
	342	210	3.4	4.26	2KJ1005 - ■HK13 - ■■H1		107
	387	185	3.2	3.76	★ 2KJ1005 - ■HK13 - ■■G1		107
	455	158	4.7	3.2	2KJ1005 - ■HK13 - ■■F1		107
	525	136	4.9	2.77	★ 2KJ1005 - ■HK13 - ■■E1		107
	624	115	5.9	2.33	★ 2KJ1005 - ■HK13 - ■■C1		107
	690	104	6.0	2.11	2KJ1005 - ■HK13 - ■■B1		107
	804	89	6.2	1.81	★ 2KJ1005 - ■HK13 - ■■A1		107
	E.88-LA132ZMP4E						
	206	348	0.83	7.07	★ 2KJ1004 - ■HK13 - ■■N1		86
	223	321	0.93	6.53	2KJ1004 - ■HK13 - ■■M1		86
	240	298	0.94	6.06	★ 2KJ1004 - ■HK13 - ■■L1		86
	258	278	1.2	5.65	2KJ1004 - ■HK13 - ■■K1		86
	285	252	1.5	5.11	★ 2KJ1004 - ■HK13 - ■■J1		86
	310	231	1.7	4.7	2KJ1004 - ■HK13 - ■■H1		86
344	208	1.9	4.23	★ 2KJ1004 - ■HK13 - ■■G1		86	
373	192	2.0	3.9	2KJ1004 - ■HK13 - ■■F1		86	
441	162	2.8	3.3	2KJ1004 - ■HK13 - ■■E1		86	
505	142	3.1	2.88	★ 2KJ1004 - ■HK13 - ■■D1		86	
594	121	3.5	2.45	2KJ1004 - ■HK13 - ■■C1		86	
696	103	4.1	2.09	★ 2KJ1004 - ■HK13 - ■■B1		86	
851	84	4.2	1.71	★ 2KJ1004 - ■HK13 - ■■A1		86	
E.68-LA132ZMP4E							
271	264	0.83	5.36	★ 2KJ1003 - ■HK13 - ■■M1		69	
295	243	0.93	4.93	2KJ1003 - ■HK13 - ■■L1		69	
319	224	0.98	4.56	★ 2KJ1003 - ■HK13 - ■■K1		69	
343	209	1.1	4.24	2KJ1003 - ■HK13 - ■■J1		69	
389	184	1.2	3.74	★ 2KJ1003 - ■HK13 - ■■H1		69	
422	170	1.4	3.45	2KJ1003 - ■HK13 - ■■G1		69	
471	152	1.6	3.09	★ 2KJ1003 - ■HK13 - ■■F1		69	
511	140	1.8	2.85	2KJ1003 - ■HK13 - ■■E1		69	
609	118	2.0	2.39	2KJ1003 - ■HK13 - ■■D1		69	
713	100	2.1	2.04	★ 2KJ1003 - ■HK13 - ■■C1		69	
856	84	2.1	1.7	2KJ1003 - ■HK13 - ■■B1		69	
1 032	69	2.2	1.41	★ 2KJ1003 - ■HK13 - ■■A1		69	
E.48-LA132ZMP4E							
376	191	0.84	3.87	2KJ1002 - ■HK13 - ■■J1		59	
409	175	0.80	3.56	★ 2KJ1002 - ■HK13 - ■■H1		59	
449	159	0.94	3.24	2KJ1002 - ■HK13 - ■■G1		59	
493	145	1.2	2.95	★ 2KJ1002 - ■HK13 - ■■F1		59	
539	133	1.2	2.7	2KJ1002 - ■HK13 - ■■E1		59	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
9.2	D.188-LA160MB4E						
	6.0	14 723	1.4	243.82	2KJ1211 - JP13 - N1		676
	6.6	13 295	1.5	220.17	2KJ1211 - JP13 - M1		676
	7.1	12 460	1.6	206.34	2KJ1211 - JP13 - L1		676
	8.2	10 702	1.9	177.23	★ 2KJ1211 - JP13 - K1		676
	D.168-LA160MB4E						
	5.7	15 282	0.92	253.08	★ 2KJ1210 - JP13 - Q1		531
	6.1	14 294	0.98	236.72	2KJ1210 - JP13 - P1		531
	6.9	12 710	1.1	210.49	★ 2KJ1210 - JP13 - N1		531
	7.3	11 999	1.2	198.71	2KJ1210 - JP13 - M1		531
	8.2	10 771	1.3	178.38	★ 2KJ1210 - JP13 - L1		531
	8.9	9 886	1.4	163.72	2KJ1210 - JP13 - K1		531
	10.3	8 531	1.6	141.28	2KJ1210 - JP13 - J1		531
11.8	7 463	1.9	123.59	2KJ1210 - JP13 - H1		531	
13.5	6 490	2.2	107.48	2KJ1210 - JP13 - G1		531	
D.148-LA160MB4E							
9.3	9 443	0.85	156.38	★ 2KJ1208 - JP13 - M1		360	
10.1	8 719	0.92	144.39	2KJ1208 - JP13 - L1		360	
11.8	7 450	1.1	123.37	2KJ1208 - JP13 - K1		360	
13.0	6 733	1.2	111.5	★ 2KJ1208 - JP13 - J1		360	
13.5	6 487	1.2	107.42	2KJ1208 - JP13 - H1		360	
15.7	5 610	1.4	92.91	2KJ1208 - JP13 - G1		360	
18.0	4 894	1.6	81.04	★ 2KJ1208 - JP13 - F1		360	
21	4 188	1.9	69.36	★ 2KJ1208 - JP13 - E1		360	
23	3 751	2.1	62.12	2KJ1208 - JP13 - D1		360	
Z.148-LA160MB4E							
27	3 275	2.4	54.24	★ 2KJ1108 - JP13 - A2		348	
D.128-LA160MB4E							
14.0	6 268	0.81	103.8	2KJ1207 - JP13 - H1		270	
16.4	5 342	0.95	88.46	2KJ1207 - JP13 - G1		270	
18.6	4 714	1.1	78.06	★ 2KJ1207 - JP13 - F1		270	
22	4 011	1.3	66.43	2KJ1207 - JP13 - E1		270	
25	3 476	1.5	57.56	★ 2KJ1207 - JP13 - D1		270	
30	2 925	1.7	48.44	★ 2KJ1207 - JP13 - C1		270	
33	2 639	1.9	43.71	2KJ1207 - JP13 - B1		270	
Z.128-LA160MB4E							
37	2 351	2.2	38.94	★ 2KJ1107 - JP13 - B2		261	
40	2 197	2.3	36.39	2KJ1107 - JP13 - A2		261	
45	1 939	2.6	32.11	★ 2KJ1107 - JP13 - X1		261	
48	1 828	2.8	30.28	2KJ1107 - JP13 - W1		261	
D.108-LA160MB4E							
24	3 677	0.84	60.9	2KJ1206 - JP13 - C1		193	
28	3 138	0.99	51.97	★ 2KJ1206 - JP13 - B1		193	
34	2 573	1.2	42.61	★ 2KJ1206 - JP13 - A1		193	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
9.2	Z.108-LA160MB4E						
	41	2 122	1.5	35.14	★ 2KJ1106 - ■JP13 - ■■W1		189
	44	1 981	1.6	32.81	2KJ1106 - ■JP13 - ■■V1		189
	50	1 772	1.7	29.35	★ 2KJ1106 - ■JP13 - ■■U1		189
	54	1 642	1.9	27.2	2KJ1106 - ■JP13 - ■■T1		189
	58	1 506	2.1	24.94	★ 2KJ1106 - ■JP13 - ■■S1		189
	64	1 380	2.2	22.86	2KJ1106 - ■JP13 - ■■R1		189
	75	1 176	2.6	19.48	2KJ1106 - ■JP13 - ■■Q1		189
	85	1 038	3.0	17.19	★ 2KJ1106 - ■JP13 - ■■P1		189
	100	883	3.5	14.63	2KJ1106 - ■JP13 - ■■N1		189
	205	429	4.2	7.1	★ 2KJ1106 - ■JP13 - ■■H1		189
	227	387	4.5	6.41	2KJ1106 - ■JP13 - ■■G1		189
	278	316	3.6	5.24	★ 2KJ1106 - ■JP13 - ■■D1		189
	330	266	4.3	4.41	★ 2KJ1106 - ■JP13 - ■■C1		189
	366	240	4.7	3.98	2KJ1106 - ■JP13 - ■■B1		189
	425	207	5.2	3.42	★ 2KJ1106 - ■JP13 - ■■A1		189
Z.88-LA160MB4E							
54	1 621	1.0	26.85	★ 2KJ1105 - ■JP13 - ■■S1		143	
58	1 510	1.1	25.01	2KJ1105 - ■JP13 - ■■R1		143	
64	1 365	1.2	22.61	★ 2KJ1105 - ■JP13 - ■■Q1		143	
70	1 257	1.3	20.81	2KJ1105 - ■JP13 - ■■P1		143	
78	1 130	1.5	18.72	★ 2KJ1105 - ■JP13 - ■■N1		143	
84	1 043	1.6	17.27	2KJ1105 - ■JP13 - ■■M1		143	
100	883	1.8	14.63	2KJ1105 - ■JP13 - ■■L1		143	
114	770	2.0	12.75	★ 2KJ1105 - ■JP13 - ■■K1		143	
134	655	2.2	10.85	2KJ1105 - ■JP13 - ■■J1		143	
157	559	2.5	9.26	★ 2KJ1105 - ■JP13 - ■■H1		143	
192	458	2.8	7.59	★ 2KJ1105 - ■JP13 - ■■G1		143	
209	420	3.0	6.96	2KJ1105 - ■JP13 - ■■F1		143	
245	359	3.3	5.94	★ 2KJ1105 - ■JP13 - ■■E1		143	
299	294	3.8	4.87	★ 2KJ1105 - ■JP13 - ■■D1		143	
327	269	3.0	4.45	★ 2KJ1105 - ■JP13 - ■■C1		143	
384	229	3.2	3.79	★ 2KJ1105 - ■JP13 - ■■B1		143	
468	188	3.5	3.11	★ 2KJ1105 - ■JP13 - ■■A1		143	
Z.68-LA160MB4E							
88	993	0.81	16.45	2KJ1104 - ■JP13 - ■■L1		111	
99	890	0.90	14.74	★ 2KJ1104 - ■JP13 - ■■K1		111	
107	821	0.97	13.59	2KJ1104 - ■JP13 - ■■J1		111	
128	688	1.1	11.4	2KJ1104 - ■JP13 - ■■H1		111	
150	588	1.3	9.73	★ 2KJ1104 - ■JP13 - ■■G1		111	
179	490	1.4	8.11	2KJ1104 - ■JP13 - ■■F1		111	
217	406	1.6	6.72	★ 2KJ1104 - ■JP13 - ■■E1		111	
245	358	1.4	5.93	2KJ1104 - ■JP13 - ■■D1		111	
288	306	1.6	5.06	★ 2KJ1104 - ■JP13 - ■■C1		111	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
9.2	Z.68-LA160MB4E						
	345	255	1.8	4.22	2KJ1104 - ■JP13 - ■■B1		111
	417	211	2.0	3.49	★ 2KJ1104 - ■JP13 - ■■A1		111
	E.148-LA160MB4E						
	144	612	1.3	10.13	★ 2KJ1007 - ■JP13 - ■■Q1		192
	154	572	1.6	9.47	2KJ1007 - ■JP13 - ■■P1		192
	173	508	2.0	8.42	★ 2KJ1007 - ■JP13 - ■■N1		192
	183	480	2.2	7.95	2KJ1007 - ■JP13 - ■■M1		192
	204	431	2.6	7.14	★ 2KJ1007 - ■JP13 - ■■L1		192
	222	396	2.9	6.55	2KJ1007 - ■JP13 - ■■K1		192
	258	341	4.0	5.65	2KJ1007 - ■JP13 - ■■J1		192
	295	298	4.7	4.94	2KJ1007 - ■JP13 - ■■H1		192
	338	260	5.1	4.3	2KJ1007 - ■JP13 - ■■G1		192
	E.128-LA160MB4E						
	163	540	1.2	8.94	★ 2KJ1006 - ■JP13 - ■■R1		168
	174	504	1.4	8.35	2KJ1006 - ■JP13 - ■■Q1		168
	197	445	1.8	7.37	★ 2KJ1006 - ■JP13 - ■■P1		168
	209	420	2.1	6.95	2KJ1006 - ■JP13 - ■■N1		168
	234	376	2.5	6.23	★ 2KJ1006 - ■JP13 - ■■M1		168
	253	347	2.8	5.75	2KJ1006 - ■JP13 - ■■L1		168
	296	296	3.2	4.91	2KJ1006 - ■JP13 - ■■K1		168
	328	268	3.7	4.44	★ 2KJ1006 - ■JP13 - ■■J1		168
	340	258	3.9	4.28	2KJ1006 - ■JP13 - ■■H1		168
	393	223	4.5	3.7	2KJ1006 - ■JP13 - ■■G1		168
	450	195	5.1	3.23	★ 2KJ1006 - ■JP13 - ■■F1		168
	E.108-LA160MB4E						
	266	330	2.0	5.46	★ 2KJ1005 - ■JP13 - ■■K1		131
	291	302	2.3	5	2KJ1005 - ■JP13 - ■■J1		131
	342	257	2.8	4.26	2KJ1005 - ■JP13 - ■■H1		131
	387	227	2.6	3.76	★ 2KJ1005 - ■JP13 - ■■G1		131
	455	193	3.9	3.2	2KJ1005 - ■JP13 - ■■F1		131
	525	167	4.0	2.77	★ 2KJ1005 - ■JP13 - ■■E1		131
	624	141	4.8	2.33	★ 2KJ1005 - ■JP13 - ■■C1		131
	690	127	4.9	2.11	2KJ1005 - ■JP13 - ■■B1		131
	804	109	5.0	1.81	★ 2KJ1005 - ■JP13 - ■■A1		131
	E.88-LA160MB4E						
	258	341	0.94	5.65	2KJ1004 - ■JP13 - ■■K1		110
	285	309	1.2	5.11	★ 2KJ1004 - ■JP13 - ■■J1		110
	310	284	1.4	4.7	2KJ1004 - ■JP13 - ■■H1		110
	344	255	1.6	4.23	★ 2KJ1004 - ■JP13 - ■■G1		110
	373	236	1.6	3.9	2KJ1004 - ■JP13 - ■■F1		110
	441	199	2.3	3.3	2KJ1004 - ■JP13 - ■■E1		110
	505	174	2.5	2.88	★ 2KJ1004 - ■JP13 - ■■D1		110
	594	148	2.8	2.45	2KJ1004 - ■JP13 - ■■C1		110

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
9.2	E.88-LA160MB4E						
	696	126	3.3	2.09	★ 2KJ1004 - JP13 - B1		110
	851	103	3.4	1.71	★ 2KJ1004 - JP13 - A1		110
	E.68-LA160MB4E						
	319	275	0.8	4.56	★ 2KJ1003 - JP13 - K1		93
	343	256	0.9	4.24	2KJ1003 - JP13 - J1		93
	389	226	1.0	3.74	★ 2KJ1003 - JP13 - H1		93
	422	208	1.2	3.45	2KJ1003 - JP13 - G1		93
	471	187	1.3	3.09	★ 2KJ1003 - JP13 - F1		93
	511	172	1.5	2.85	2KJ1003 - JP13 - E1		93
609	144	1.6	2.39	2KJ1003 - JP13 - D1		93	
713	123	1.7	2.04	★ 2KJ1003 - JP13 - C1		93	
856	103	1.7	1.7	2KJ1003 - JP13 - B1		93	
1 032	85	1.8	1.41	★ 2KJ1003 - JP13 - A1		93	
11	D.188-LA160ZLP6E						
	4.4	24 093	0.83	220.17	2KJ1211 - JT13 - M1	P01	688
	4.7	22 579	0.89	206.34	2KJ1211 - JT13 - L1	P01	688
	5.4	19 394	1.0	177.23	★ 2KJ1211 - JT13 - K1	P01	688
	D.188-LA160MP4E						
	6.0	17 543	1.1	243.82	2KJ1211 - JQ13 - N1		676
	6.6	15 842	1.3	220.17	2KJ1211 - JQ13 - M1		676
	7.1	14 847	1.3	206.34	2KJ1211 - JQ13 - L1		676
	8.2	12 752	1.6	177.23	★ 2KJ1211 - JQ13 - K1		676
	9.5	11 017	1.8	153.12	2KJ1211 - JQ13 - J1		676
10.8	9 725	2.1	135.16	2KJ1211 - JQ13 - H1		676	
D.168-LA160MP4E							
6.2	17 032	0.82	236.72	2KJ1210 - JQ13 - NP1		531	
6.9	15 145	0.92	210.49	★ 2KJ1210 - JQ13 - N1		531	
7.3	14 298	0.98	198.71	2KJ1210 - JQ13 - M1		531	
8.2	12 835	1.1	178.38	★ 2KJ1210 - JQ13 - L1		531	
8.9	11 780	1.2	163.72	2KJ1210 - JQ13 - K1		531	
10.3	10 165	1.4	141.28	2KJ1210 - JQ13 - J1		531	
11.8	8 893	1.6	123.59	2KJ1210 - JQ13 - H1		531	
13.6	7 733	1.8	107.48	2KJ1210 - JQ13 - G1		531	
15.5	6 785	2.1	94.3	★ 2KJ1210 - JQ13 - F1		531	
D.148-LA160MP4E							
11.8	8 877	0.9	123.37	2KJ1208 - JQ13 - K1		360	
13.1	8 023	1.0	111.5	★ 2KJ1208 - JQ13 - J1		360	
13.6	7 729	1.0	107.42	2KJ1208 - JQ13 - H1		360	
15.7	6 685	1.2	92.91	2KJ1208 - JQ13 - G1		360	
18.0	5 831	1.4	81.04	★ 2KJ1208 - JQ13 - F1		360	
21	4 991	1.6	69.36	★ 2KJ1208 - JQ13 - E1		360	
24	4 470	1.8	62.12	2KJ1208 - JQ13 - D1		360	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
11	Z.148-LA160MP4E						
	27	3 903	2.0	54.24	★ 2KJ1108 - JQ13 - A2		348
	29	3 651	2.2	50.74	2KJ1108 - JQ13 - X1		348
	32	3 246	2.5	45.11	★ 2KJ1108 - JQ13 - W1		348
	34	3 064	2.6	42.59	2KJ1108 - JQ13 - V1		348
	D.128-LA160MP4E						
	16.5	6 365	0.80	88.46	2KJ1207 - JQ13 - G1		270
	18.7	5 617	0.91	78.06	★ 2KJ1207 - JQ13 - F1		270
	22	4 780	1.1	66.43	2KJ1207 - JQ13 - E1		270
	25	4 142	1.2	57.56	★ 2KJ1207 - JQ13 - D1		270
	30	3 485	1.5	48.44	★ 2KJ1207 - JQ13 - C1		270
33	3 145	1.6	43.71	2KJ1207 - JQ13 - B1		270	
Z.128-LA160MP4E							
38	2 802	1.8	38.94	★ 2KJ1107 - JQ13 - B2		261	
40	2 618	1.9	36.39	2KJ1107 - JQ13 - A2		261	
46	2 310	2.2	32.11	★ 2KJ1107 - JQ13 - X1		261	
48	2 179	2.3	30.28	2KJ1107 - JQ13 - W1		261	
54	1 952	2.6	27.13	★ 2KJ1107 - JQ13 - V1		261	
58	1 802	2.8	25.05	2KJ1107 - JQ13 - U1		261	
D.108-LA160MP4E							
28	3 739	0.83	51.97	★ 2KJ1206 - JQ13 - B1		193	
34	3 066	1.0	42.61	★ 2KJ1206 - JQ13 - A1		193	
Z.108-LA160MP4E							
42	2 528	1.2	35.14	★ 2KJ1106 - JQ13 - W1		189	
44	2 361	1.3	32.81	2KJ1106 - JQ13 - V1		189	
50	2 112	1.5	29.35	★ 2KJ1106 - JQ13 - U1		189	
54	1 957	1.6	27.2	2KJ1106 - JQ13 - T1		189	
58	1 794	1.7	24.94	★ 2KJ1106 - JQ13 - S1		189	
64	1 645	1.9	22.86	2KJ1106 - JQ13 - R1		189	
75	1 402	2.2	19.48	2KJ1106 - JQ13 - Q1		189	
85	1 237	2.5	17.19	★ 2KJ1106 - JQ13 - P1		189	
100	1 053	2.9	14.63	2KJ1106 - JQ13 - N1		189	
115	912	3.4	12.68	★ 2KJ1106 - JQ13 - M1		189	
206	511	3.5	7.1	★ 2KJ1106 - JQ13 - H1		189	
228	461	3.8	6.41	2KJ1106 - JQ13 - G1		189	
265	396	4.3	5.51	★ 2KJ1106 - JQ13 - E1		189	
279	377	3.0	5.24	★ 2KJ1106 - JQ13 - D1		189	
331	317	3.6	4.41	★ 2KJ1106 - JQ13 - C1		189	
367	286	3.9	3.98	2KJ1106 - JQ13 - B1		189	
427	246	4.4	3.42	★ 2KJ1106 - JQ13 - A1		189	
Z.88-LA160MP4E							
54	1 932	0.87	26.85	★ 2KJ1105 - JQ13 - S1		143	
58	1 800	0.93	25.01	2KJ1105 - JQ13 - R1		143	
65	1 627	1.0	22.61	★ 2KJ1105 - JQ13 - Q1		143	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
11	Z.88-LA160MP4E						
	70	1 497	1.1	20.81	2KJ1105 - JQ13 - P1		143
	78	1 347	1.2	18.72	★ 2KJ1105 - JQ13 - N1		143
	84	1 243	1.4	17.27	2KJ1105 - JQ13 - M1		143
	100	1 053	1.5	14.63	2KJ1105 - JQ13 - L1		143
	115	917	1.7	12.75	★ 2KJ1105 - JQ13 - K1		143
	135	781	1.9	10.85	2KJ1105 - JQ13 - J1		143
	158	666	2.1	9.26	★ 2KJ1105 - JQ13 - H1		143
	192	546	2.4	7.59	★ 2KJ1105 - JQ13 - G1		143
	210	501	2.5	6.96	2KJ1105 - JQ13 - F1		143
	246	427	2.8	5.94	★ 2KJ1105 - JQ13 - E1		143
300	350	3.2	4.87	★ 2KJ1105 - JQ13 - D1		143	
328	320	2.5	4.45	★ 2KJ1105 - JQ13 - C1		143	
385	273	2.7	3.79	★ 2KJ1105 - JQ13 - B1		143	
469	224	2.9	3.11	★ 2KJ1105 - JQ13 - A1		143	
Z.68-LA160MP4E							
107	978	0.82	13.59	2KJ1104 - JQ13 - J1		111	
128	820	0.96	11.4	2KJ1104 - JQ13 - H1		111	
150	700	1.1	9.73	★ 2KJ1104 - JQ13 - G1		111	
180	584	1.2	8.11	2KJ1104 - JQ13 - F1		111	
217	484	1.3	6.72	★ 2KJ1104 - JQ13 - E1		111	
246	427	1.1	5.93	2KJ1104 - JQ13 - D1		111	
289	364	1.3	5.06	★ 2KJ1104 - JQ13 - C1		111	
346	304	1.5	4.22	2KJ1104 - JQ13 - B1		111	
418	251	1.7	3.49	★ 2KJ1104 - JQ13 - A1		111	
E.148-LA160MP4E							
144	729	1.1	10.13	★ 2KJ1007 - JQ13 - Q1		192	
154	681	1.4	9.47	2KJ1007 - JQ13 - P1		192	
173	606	1.7	8.42	★ 2KJ1007 - JQ13 - N1		192	
184	572	1.9	7.95	2KJ1007 - JQ13 - M1		192	
204	514	2.2	7.14	★ 2KJ1007 - JQ13 - L1		192	
223	471	2.4	6.55	2KJ1007 - JQ13 - K1		192	
258	407	3.3	5.65	2KJ1007 - JQ13 - J1		192	
296	355	3.9	4.94	2KJ1007 - JQ13 - H1		192	
340	309	4.3	4.3	2KJ1007 - JQ13 - G1		192	
387	271	5.0	3.77	★ 2KJ1007 - JQ13 - F1		192	
E.128-LA160MP4E							
163	643	0.99	8.94	★ 2KJ1006 - JQ13 - R1		168	
175	601	1.2	8.35	2KJ1006 - JQ13 - Q1		168	
198	530	1.5	7.37	★ 2KJ1006 - JQ13 - P1		168	
210	500	1.8	6.95	2KJ1006 - JQ13 - N1		168	
234	448	2.1	6.23	★ 2KJ1006 - JQ13 - M1		168	
254	414	2.3	5.75	2KJ1006 - JQ13 - L1		168	
297	353	2.7	4.91	2KJ1006 - JQ13 - K1		168	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
11	E.128-LA160MP4E						
	329	319	3.1	4.44	★ 2KJ1006 - ■JQ13 - ■■J1		168
	341	308	3.2	4.28	2KJ1006 - ■JQ13 - ■■H1		168
	395	266	3.8	3.7	2KJ1006 - ■JQ13 - ■■G1		168
	452	232	4.3	3.23	★ 2KJ1006 - ■JQ13 - ■■F1		168
	529	199	5.0	2.76	★ 2KJ1006 - ■JQ13 - ■■E1		168
	591	178	5.3	2.47	2KJ1006 - ■JQ13 - ■■D1		168
	695	151	5.7	2.1	★ 2KJ1006 - ■JQ13 - ■■C1		168
	807	130	6.1	1.81	2KJ1006 - ■JQ13 - ■■B1		168
	E.108-LA160MP4E						
	267	393	1.7	5.46	★ 2KJ1005 - ■JQ13 - ■■K1		131
292	360	1.9	5	2KJ1005 - ■JQ13 - ■■J1		131	
343	307	2.3	4.26	2KJ1005 - ■JQ13 - ■■H1		131	
388	271	2.2	3.76	★ 2KJ1005 - ■JQ13 - ■■G1		131	
456	230	3.2	3.2	2KJ1005 - ■JQ13 - ■■F1		131	
527	199	3.4	2.77	★ 2KJ1005 - ■JQ13 - ■■E1		131	
627	168	4.1	2.33	★ 2KJ1005 - ■JQ13 - ■■C1		131	
692	152	4.1	2.11	2KJ1005 - ■JQ13 - ■■B1		131	
807	130	4.2	1.81	★ 2KJ1005 - ■JQ13 - ■■A1		131	
E.88-LA160MP4E							
286	368	1.0	5.11	★ 2KJ1004 - ■JQ13 - ■■J1		110	
311	338	1.1	4.7	2KJ1004 - ■JQ13 - ■■H1		110	
345	304	1.3	4.23	★ 2KJ1004 - ■JQ13 - ■■G1		110	
374	281	1.4	3.9	2KJ1004 - ■JQ13 - ■■F1		110	
442	237	1.9	3.3	2KJ1004 - ■JQ13 - ■■E1		110	
507	207	2.1	2.88	★ 2KJ1004 - ■JQ13 - ■■D1		110	
596	176	2.4	2.45	2KJ1004 - ■JQ13 - ■■C1		110	
699	150	2.8	2.09	★ 2KJ1004 - ■JQ13 - ■■B1		110	
854	123	2.9	1.71	★ 2KJ1004 - ■JQ13 - ■■A1		110	
E.68-LA160MP4E							
390	269	0.85	3.74	★ 2KJ1003 - ■JQ13 - ■■H1		93	
423	248	0.97	3.45	2KJ1003 - ■JQ13 - ■■G1		93	
472	222	1.1	3.09	★ 2KJ1003 - ■JQ13 - ■■F1		93	
512	205	1.2	2.85	2KJ1003 - ■JQ13 - ■■E1		93	
1 035	101	1.5	1.41	★ 2KJ1003 - ■JQ13 - ■■A1		93	
15	D.188-LA160ZLP4E						
	6.0	23 923	0.84	243.82	2KJ1211 - ■JT13 - ■■N1		688
	6.6	21 602	0.93	220.17	2KJ1211 - ■JT13 - ■■M1		688
	7.1	20 245	0.99	206.34	2KJ1211 - ■JT13 - ■■L1		688
	8.2	17 389	1.2	177.23	★ 2KJ1211 - ■JT13 - ■■K1		688
	9.5	15 024	1.3	153.12	2KJ1211 - ■JT13 - ■■J1		688
	10.8	13 261	1.5	135.16	2KJ1211 - ■JT13 - ■■H1		688
	12.0	11 938	1.7	121.67	★ 2KJ1211 - ■JT13 - ■■G1		688
	14.5	9 906	2.0	100.96	★ 2KJ1211 - ■JT13 - ■■F1		688

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
15	D.168-LA160ZLP4E						
	15.9	9 033	2.2	92.06	2KJ1211 - ■JT13 - ■■E1		688
	D.168-LA160ZLP4E						
	8.2	17 502	0.8	178.38	★ 2KJ1210 - ■JT13 - ■■L1		543
	8.9	16 064	0.87	163.72	2KJ1210 - ■JT13 - ■■K1		543
	10.3	13 862	1.0	141.28	2KJ1210 - ■JT13 - ■■J1		543
	11.8	12 126	1.2	123.59	2KJ1210 - ■JT13 - ■■H1		543
	13.6	10 546	1.3	107.48	2KJ1210 - ■JT13 - ■■G1		543
	15.5	9 252	1.5	94.3	★ 2KJ1210 - ■JT13 - ■■F1		543
	18.3	7 825	1.8	79.75	★ 2KJ1210 - ■JT13 - ■■E1		543
	20	7 100	2.0	72.36	2KJ1210 - ■JT13 - ■■D1		543
	23	6 189	2.3	63.08	★ 2KJ1210 - ■JT13 - ■■C1		543
	Z.168-LA160ZLP4E						
	31	4 573	2.2	46.61	2KJ1110 - ■JT13 - ■■V1		524
	D.148-LA160ZLP4E						
	15.7	9 116	0.88	92.91	2KJ1208 - ■JT13 - ■■G1		372
	18	7 951	1.0	81.04	★ 2KJ1208 - ■JT13 - ■■F1		372
	21	6 805	1.2	69.36	★ 2KJ1208 - ■JT13 - ■■E1		372
	24	6 095	1.3	62.12	2KJ1208 - ■JT13 - ■■D1		372
	Z.148-LA160ZLP4E						
	27	5 322	1.5	54.24	★ 2KJ1108 - ■JT13 - ■■A2		360
	29	4 978	1.6	50.74	2KJ1108 - ■JT13 - ■■X1		360
	32	4 426	1.8	45.11	★ 2KJ1108 - ■JT13 - ■■W1		360
	34	4 179	1.9	42.59	2KJ1108 - ■JT13 - ■■V1		360
	38	3 751	2.1	38.23	★ 2KJ1108 - ■JT13 - ■■U1		360
	42	3 443	2.3	35.09	2KJ1108 - ■JT13 - ■■T1		360
	48	2 971	2.7	30.28	2KJ1108 - ■JT13 - ■■S1		360
	D.128-LA160ZLP4E						
	25	5 648	0.9	57.56	★ 2KJ1207 - ■JT13 - ■■D1		282
	30	4 753	1.1	48.44	★ 2KJ1207 - ■JT13 - ■■C1		282
	33	4 289	1.2	43.71	2KJ1207 - ■JT13 - ■■B1		282
	Z.128-LA160ZLP4E						
	38	3 821	1.3	38.94	★ 2KJ1107 - ■JT13 - ■■B2		273
40	3 570	1.4	36.39	2KJ1107 - ■JT13 - ■■A2		273	
46	3 151	1.6	32.11	★ 2KJ1107 - ■JT13 - ■■X1		273	
48	2 971	1.7	30.28	2KJ1107 - ■JT13 - ■■W1		273	
54	2 662	1.9	27.13	★ 2KJ1107 - ■JT13 - ■■V1		273	
58	2 458	2.1	25.05	2KJ1107 - ■JT13 - ■■U1		273	
68	2 101	2.4	21.41	2KJ1107 - ■JT13 - ■■T1		273	
76	1 899	2.7	19.35	★ 2KJ1107 - ■JT13 - ■■S1		273	
78	1 829	2.8	18.64	2KJ1107 - ■JT13 - ■■R1		273	
91	1 582	3.2	16.12	2KJ1107 - ■JT13 - ■■Q1		273	
104	1 380	3.5	14.06	★ 2KJ1107 - ■JT13 - ■■P1		273	
200	715	3.6	7.29	★ 2KJ1107 - ■JT13 - ■■J1		273	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
15	Z.128-LA160ZLP4E						
	234	612	4.1	6.24	★ 2KJ1107 - JT13 - H1		273
	261	548	4.8	5.59	★ 2KJ1107 - JT13 - F1		273
	Z.108-LA160ZLP4E						
	42	3 448	0.90	35.14	★ 2KJ1106 - JT13 - W1		201
	44	3 219	0.96	32.81	2KJ1106 - JT13 - V1		201
	50	2 880	1.1	29.35	★ 2KJ1106 - JT13 - U1		201
	54	2 669	1.2	27.2	2KJ1106 - JT13 - T1		201
	58	2 447	1.3	24.94	★ 2KJ1106 - JT13 - S1		201
	64	2 243	1.4	22.86	2KJ1106 - JT13 - R1		201
	75	1 911	1.6	19.48	2KJ1106 - JT13 - Q1		201
	85	1 687	1.8	17.19	★ 2KJ1106 - JT13 - P1		201
	100	1 435	2.2	14.63	2KJ1106 - JT13 - N1		201
	115	1 244	2.5	12.68	★ 2KJ1106 - JT13 - M1		201
	137	1 047	3.0	10.67	★ 2KJ1106 - JT13 - L1		201
	152	944	3.3	9.62	2KJ1106 - JT13 - K1		201
	177	811	3.8	8.27	★ 2KJ1106 - JT13 - J1		201
	206	697	2.6	7.1	★ 2KJ1106 - JT13 - H1		201
	228	629	2.8	6.41	2KJ1106 - JT13 - G1		201
	265	541	3.1	5.51	★ 2KJ1106 - JT13 - E1		201
	279	514	2.2	5.24	★ 2KJ1106 - JT13 - D1		201
	331	433	2.6	4.41	★ 2KJ1106 - JT13 - C1		201
	367	391	2.9	3.98	2KJ1106 - JT13 - B1		201
	427	336	3.2	3.42	★ 2KJ1106 - JT13 - A1		201
	Z.88-LA160ZLP4E						
	70	2 042	0.82	20.81	2KJ1105 - JT13 - P1		155
	78	1 837	0.91	18.72	★ 2KJ1105 - JT13 - N1		155
	84	1 694	0.99	17.27	2KJ1105 - JT13 - M1		155
	100	1 435	1.1	14.63	2KJ1105 - JT13 - L1		155
	115	1 251	1.2	12.75	★ 2KJ1105 - JT13 - K1		155
	135	1 065	1.4	10.85	2KJ1105 - JT13 - J1		155
	158	909	1.5	9.26	★ 2KJ1105 - JT13 - H1		155
	192	745	1.7	7.59	★ 2KJ1105 - JT13 - G1		155
	210	683	1.8	6.96	2KJ1105 - JT13 - F1		155
	246	583	2.0	5.94	★ 2KJ1105 - JT13 - E1		155
	300	478	2.3	4.87	★ 2KJ1105 - JT13 - D1		155
	328	437	1.8	4.45	★ 2KJ1105 - JT13 - C1		155
	385	372	2.0	3.79	★ 2KJ1105 - JT13 - B1		155
	469	305	2.2	3.11	★ 2KJ1105 - JT13 - A1		155
	Z.68-LA160ZLP4E						
	180	796	0.88	8.11	2KJ1104 - JT13 - F1		123
	217	659	0.99	6.72	★ 2KJ1104 - JT13 - E1		123
	246	582	0.84	5.93	2KJ1104 - JT13 - D1		123
	289	496	0.97	5.06	★ 2KJ1104 - JT13 - C1		123

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
15	Z.68-LA160ZLP4E						
	346	414	1.1	4.22	2KJ1104 - ■JT13 - ■■B1		123
	418	342	1.2	3.49	★ 2KJ1104 - ■JT13 - ■■A1		123
	E.148-LA160ZLP4E						
	144	994	0.80	10.13	★ 2KJ1007 - ■JT13 - ■■Q1		204
	154	929	0.99	9.47	2KJ1007 - ■JT13 - ■■P1		204
	173	826	1.2	8.42	★ 2KJ1007 - ■JT13 - ■■N1		204
	184	780	1.4	7.95	2KJ1007 - ■JT13 - ■■M1		204
	204	701	1.6	7.14	★ 2KJ1007 - ■JT13 - ■■L1		204
	223	643	1.8	6.55	2KJ1007 - ■JT13 - ■■K1		204
	258	554	2.5	5.65	2KJ1007 - ■JT13 - ■■J1		204
	296	485	2.9	4.94	2KJ1007 - ■JT13 - ■■H1		204
	340	422	3.2	4.3	2KJ1007 - ■JT13 - ■■G1		204
	387	370	3.6	3.77	★ 2KJ1007 - ■JT13 - ■■F1		204
	458	313	5.0	3.19	★ 2KJ1007 - ■JT13 - ■■E1		204
	503	285	4.9	2.9	2KJ1007 - ■JT13 - ■■D1		204
	579	247	4.9	2.52	★ 2KJ1007 - ■JT13 - ■■C1		204
	682	210	5.7	2.14	2KJ1007 - ■JT13 - ■■B1		204
	890	161	6.0	1.64	★ 2KJ1007 - ■JT13 - ■■A1		204
	E.128-LA160ZLP4E						
	175	819	0.87	8.35	2KJ1006 - ■JT13 - ■■Q1		180
	198	723	1.1	7.37	★ 2KJ1006 - ■JT13 - ■■P1		180
	210	682	1.3	6.95	2KJ1006 - ■JT13 - ■■N1		180
	234	611	1.5	6.23	★ 2KJ1006 - ■JT13 - ■■M1		180
	254	564	1.7	5.75	2KJ1006 - ■JT13 - ■■L1		180
	297	482	2.0	4.91	2KJ1006 - ■JT13 - ■■K1		180
	329	436	2.3	4.44	★ 2KJ1006 - ■JT13 - ■■J1		180
	341	420	2.4	4.28	2KJ1006 - ■JT13 - ■■H1		180
	395	363	2.8	3.7	2KJ1006 - ■JT13 - ■■G1		180
	452	317	3.2	3.23	★ 2KJ1006 - ■JT13 - ■■F1		180
	529	271	3.7	2.76	★ 2KJ1006 - ■JT13 - ■■E1		180
	591	242	3.9	2.47	2KJ1006 - ■JT13 - ■■D1		180
	695	206	4.2	2.1	★ 2KJ1006 - ■JT13 - ■■C1		180
	807	178	4.5	1.81	2KJ1006 - ■JT13 - ■■B1		180
	1 074	133	5.1	1.36	★ 2KJ1006 - ■JT13 - ■■A1		180
	E.108-LA160ZLP4E						
	267	536	1.2	5.46	★ 2KJ1005 - ■JT13 - ■■K1		143
	292	491	1.4	5	2KJ1005 - ■JT13 - ■■J1		143
	343	418	1.7	4.26	2KJ1005 - ■JT13 - ■■H1		143
	388	369	1.6	3.76	★ 2KJ1005 - ■JT13 - ■■G1		143
	456	314	2.4	3.2	2KJ1005 - ■JT13 - ■■F1		143
	527	272	2.5	2.77	★ 2KJ1005 - ■JT13 - ■■E1		143
	627	229	3.0	2.33	★ 2KJ1005 - ■JT13 - ■■C1		143
	692	207	3.0	2.11	2KJ1005 - ■JT13 - ■■B1		143

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
15	E.108-LA160ZLP4E						
	807	178	3.1	1.81	★ 2KJ1005 - ■ JT13 - ■■ A1		143
	E.88-LA160ZLP4E						
	311	461	0.83	4.7	2KJ1004 - ■ JT13 - ■■ H1		122
	345	415	0.96	4.23	★ 2KJ1004 - ■ JT13 - ■■ G1		122
	374	383	1.0	3.9	2KJ1004 - ■ JT13 - ■■ F1		122
	442	324	1.4	3.3	2KJ1004 - ■ JT13 - ■■ E1		122
	507	283	1.5	2.88	★ 2KJ1004 - ■ JT13 - ■■ D1		122
	596	240	1.7	2.45	2KJ1004 - ■ JT13 - ■■ C1		122
	699	205	2.0	2.09	★ 2KJ1004 - ■ JT13 - ■■ B1		122
	854	168	2.1	1.71	★ 2KJ1004 - ■ JT13 - ■■ A1		122
	E.68-LA160ZLP4E						
	472	303	0.82	3.09	★ 2KJ1003 - ■ JT13 - ■■ F1		105
	512	280	0.89	2.85	2KJ1003 - ■ JT13 - ■■ E1		105
	18.5	D.188-LG180ZMB4E					
7.1		24 799	0.81	206.34	2KJ1211 - ■ KL13 - ■■ L1		743
8.3		21 301	0.94	177.23	★ 2KJ1211 - ■ KL13 - ■■ K1		743
9.6		18 403	1.1	153.12	2KJ1211 - ■ KL13 - ■■ J1		743
10.9		16 244	1.2	135.16	2KJ1211 - ■ KL13 - ■■ H1		743
12.1		14 623	1.4	121.67	★ 2KJ1211 - ■ KL13 - ■■ G1		743
14.6		12 134	1.6	100.96	★ 2KJ1211 - ■ KL13 - ■■ F1		743
16.0		11 064	1.8	92.06	2KJ1211 - ■ KL13 - ■■ E1		743
18.2		9 708	2.1	80.77	★ 2KJ1211 - ■ KL13 - ■■ D1		743
21		8 342	2.4	69.41	2KJ1211 - ■ KL13 - ■■ C1		743
Z.188-LG180ZMB4E							
28		6 292	2.5	52.35	2KJ1111 - ■ KL13 - ■■ P1		709
D.168-LG180ZMB4E							
10.4		16 980	0.82	141.28	2KJ1210 - ■ KL13 - ■■ J1		598
11.9		14 854	0.94	123.59	2KJ1210 - ■ KL13 - ■■ H1		598
13.7	12 918	1.1	107.48	2KJ1210 - ■ KL13 - ■■ G1		598	
15.6	11 334	1.2	94.3	★ 2KJ1210 - ■ KL13 - ■■ F1		598	
18.4	9 585	1.5	79.75	★ 2KJ1210 - ■ KL13 - ■■ E1		598	
20	8 697	1.6	72.36	2KJ1210 - ■ KL13 - ■■ D1		598	
23	7 581	1.8	63.08	★ 2KJ1210 - ■ KL13 - ■■ C1		598	
27	6 437	2.2	53.56	2KJ1210 - ■ KL13 - ■■ B1		598	
Z.168-LG180ZMB4E							
32	5 602	1.8	46.61	2KJ1110 - ■ KL13 - ■■ V1		579	
D.148-LG180ZMB4E							
18.1	9 740	0.82	81.04	★ 2KJ1208 - ■ KL13 - ■■ F1		427	
21	8 336	0.96	69.36	★ 2KJ1208 - ■ KL13 - ■■ E1		427	
24	7 466	1.1	62.12	2KJ1208 - ■ KL13 - ■■ D1		427	
28	6 323	1.3	52.61	★ 2KJ1208 - ■ KL13 - ■■ C1		427	
Z.148-LG180ZMB4E							
33	5 422	1.5	45.11	★ 2KJ1108 - ■ KL13 - ■■ W1		415	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
18.5	Z.148-LG180ZMB4E						
	34	5 119	1.6	42.59	2KJ1108 - ■ KL13 - ■■ V1		415
	38	4 595	1.7	38.23	★ 2KJ1108 - ■ KL13 - ■■ U1		415
	42	4 217	1.9	35.09	2KJ1108 - ■ KL13 - ■■ T1		415
	48	3 639	2.2	30.28	2KJ1108 - ■ KL13 - ■■ S1		415
	56	3 184	2.5	26.49	2KJ1108 - ■ KL13 - ■■ R1		415
	64	2 769	2.9	23.04	2KJ1108 - ■ KL13 - ■■ Q1		415
	D.128-LG180ZMB4E						
	30	5 822	0.88	48.44	★ 2KJ1207 - ■ KL13 - ■■ C1		337
	34	5 253	0.97	43.71	2KJ1207 - ■ KL13 - ■■ B1		337
	39	4 515	1.1	37.57	★ 2KJ1207 - ■ KL13 - ■■ A1		337
	Z.128-LG180ZMB4E						
	46	3 859	1.3	32.11	★ 2KJ1107 - ■ KL13 - ■■ X1		328
	48	3 639	1.4	30.28	2KJ1107 - ■ KL13 - ■■ W1		328
	54	3 261	1.6	27.13	★ 2KJ1107 - ■ KL13 - ■■ V1		328
	59	3 011	1.7	25.05	2KJ1107 - ■ KL13 - ■■ U1		328
	69	2 573	2.0	21.41	2KJ1107 - ■ KL13 - ■■ T1		328
	76	2 326	2.2	19.35	★ 2KJ1107 - ■ KL13 - ■■ S1		328
	79	2 240	2.3	18.64	2KJ1107 - ■ KL13 - ■■ R1		328
	91	1 937	2.6	16.12	2KJ1107 - ■ KL13 - ■■ Q1		328
	105	1 690	2.9	14.06	★ 2KJ1107 - ■ KL13 - ■■ P1		328
	122	1 446	3.3	12.03	★ 2KJ1107 - ■ KL13 - ■■ N1		328
	136	1 296	3.6	10.78	2KJ1107 - ■ KL13 - ■■ M1		328
	161	1 097	4.0	9.13	★ 2KJ1107 - ■ KL13 - ■■ L1		328
	202	876	2.9	7.29	★ 2KJ1107 - ■ KL13 - ■■ J1		328
	236	750	3.4	6.24	★ 2KJ1107 - ■ KL13 - ■■ H1		328
263	672	3.9	5.59	★ 2KJ1107 - ■ KL13 - ■■ F1		328	
304	581	4.3	4.83	2KJ1107 - ■ KL13 - ■■ E1		328	
311	568	4.2	4.73	★ 2KJ1107 - ■ KL13 - ■■ D1		328	
359	492	4.8	4.09	★ 2KJ1107 - ■ KL13 - ■■ C1		328	
405	436	5.3	3.63	★ 2KJ1107 - ■ KL13 - ■■ B1		328	
Z.108-LG180ZMB4E							
50	3 527	0.88	29.35	★ 2KJ1106 - ■ KL13 - ■■ U1		256	
54	3 269	0.95	27.2	2KJ1106 - ■ KL13 - ■■ T1		256	
59	2 997	1.0	24.94	★ 2KJ1106 - ■ KL13 - ■■ S1		256	
64	2 747	1.1	22.86	2KJ1106 - ■ KL13 - ■■ R1		256	
76	2 341	1.3	19.48	2KJ1106 - ■ KL13 - ■■ Q1		256	
86	2 066	1.5	17.19	★ 2KJ1106 - ■ KL13 - ■■ P1		256	
100	1 758	1.8	14.63	2KJ1106 - ■ KL13 - ■■ N1		256	
116	1 524	2.0	12.68	★ 2KJ1106 - ■ KL13 - ■■ M1		256	
138	1 282	2.4	10.67	★ 2KJ1106 - ■ KL13 - ■■ L1		256	
153	1 156	2.7	9.62	2KJ1106 - ■ KL13 - ■■ K1		256	
178	994	3.1	8.27	★ 2KJ1106 - ■ KL13 - ■■ J1		256	
207	853	2.1	7.1	★ 2KJ1106 - ■ KL13 - ■■ H1		256	
229	770	2.3	6.41	2KJ1106 - ■ KL13 - ■■ G1		256	

★ Preferred transmission ratio

Shaft designs, see page 2/117 — 1, 2 or 9

Frequency and voltage, see page 8/20 — 1 to 9

Gearbox housing mounting position, see page 2/119 — A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
18.5	Z.108-LG180ZMB4E						
	267	662	2.6	5.51	★ 2KJ1106 - KL13 - E1		256
	281	630	1.8	5.24	★ 2KJ1106 - KL13 - D1		256
	333	530	2.2	4.41	★ 2KJ1106 - KL13 - C1		256
	369	478	2.3	3.98	2KJ1106 - KL13 - B1		256
430	411	2.6	3.42	★ 2KJ1106 - KL13 - A1		256	
Z.88-LG180ZMB4E							
85	2 076	0.81	17.27	2KJ1105 - KL13 - M1		210	
100	1 758	0.92	14.63	2KJ1105 - KL13 - L1		210	
115	1 532	1.0	12.75	★ 2KJ1105 - KL13 - K1		210	
135	1 304	1.1	10.85	2KJ1105 - KL13 - J1		210	
159	1 113	1.2	9.26	★ 2KJ1105 - KL13 - H1		210	
194	912	1.4	7.59	★ 2KJ1105 - KL13 - G1		210	
211	837	1.5	6.96	2KJ1105 - KL13 - F1		210	
247	714	1.7	5.94	★ 2KJ1105 - KL13 - E1		210	
302	585	1.9	4.87	★ 2KJ1105 - KL13 - D1		210	
330	535	1.5	4.45	★ 2KJ1105 - KL13 - C1		210	
388	456	1.6	3.79	★ 2KJ1105 - KL13 - B1		210	
473	374	1.8	3.11	★ 2KJ1105 - KL13 - A1		210	
E.148-LG180ZMB4E							
175	1 012	0.99	8.42	★ 2KJ1007 - KL13 - N1		259	
185	955	1.1	7.95	2KJ1007 - KL13 - M1		259	
206	858	1.3	7.14	★ 2KJ1007 - KL13 - L1		259	
224	787	1.5	6.55	2KJ1007 - KL13 - K1		259	
260	679	2.0	5.65	2KJ1007 - KL13 - J1		259	
298	594	2.4	4.94	2KJ1007 - KL13 - H1		259	
342	517	2.6	4.3	2KJ1007 - KL13 - G1		259	
390	453	3.0	3.77	★ 2KJ1007 - KL13 - F1		259	
461	383	4.0	3.19	★ 2KJ1007 - KL13 - E1		259	
507	349	4.0	2.9	2KJ1007 - KL13 - D1		259	
583	303	4.0	2.52	★ 2KJ1007 - KL13 - C1		259	
687	257	4.7	2.14	2KJ1007 - KL13 - B1		259	
896	197	4.9	1.64	★ 2KJ1007 - KL13 - A1		259	
E.128-LG180ZMB4E							
199	886	0.92	7.37	★ 2KJ1006 - KL13 - P1		235	
212	835	1.1	6.95	2KJ1006 - KL13 - N1		235	
236	749	1.2	6.23	★ 2KJ1006 - KL13 - M1		235	
256	691	1.4	5.75	2KJ1006 - KL13 - L1		235	
299	590	1.6	4.91	2KJ1006 - KL13 - K1		235	
331	534	1.9	4.44	★ 2KJ1006 - KL13 - J1		235	
343	514	1.9	4.28	2KJ1006 - KL13 - H1		235	
397	445	2.2	3.7	2KJ1006 - KL13 - G1		235	
455	388	2.6	3.23	★ 2KJ1006 - KL13 - F1		235	
533	332	3.0	2.76	★ 2KJ1006 - KL13 - E1		235	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
18.5	E.128-LG180ZMB4E						
	595	297	3.2	2.47	2KJ1006 - ■ KL13 - ■■■ D1		235
	700	252	3.4	2.1	★ 2KJ1006 - ■ KL13 - ■■■ C1		235
	812	218	3.7	1.81	2KJ1006 - ■ KL13 - ■■■ B1		235
	1 081	163	4.2	1.36	★ 2KJ1006 - ■ KL13 - ■■■ A1		235
	E.108-LG180ZMB4E						
	269	656	1.0	5.46	★ 2KJ1005 - ■ KL13 - ■■■ K1		198
	294	601	1.1	5	2KJ1005 - ■ KL13 - ■■■ J1		198
	345	512	1.4	4.26	2KJ1005 - ■ KL13 - ■■■ H1		198
	391	452	1.3	3.76	★ 2KJ1005 - ■ KL13 - ■■■ G1		198
	459	385	1.9	3.2	2KJ1005 - ■ KL13 - ■■■ F1		198
	531	333	2.0	2.77	★ 2KJ1005 - ■ KL13 - ■■■ E1		198
	631	280	2.4	2.33	★ 2KJ1005 - ■ KL13 - ■■■ C1		198
	697	254	2.4	2.11	2KJ1005 - ■ KL13 - ■■■ B1		198
	812	218	2.5	1.81	★ 2KJ1005 - ■ KL13 - ■■■ A1		198
E.88-LG180ZMB4E							
377	469	0.82	3.9	2KJ1004 - ■ KL13 - ■■■ F1		177	
445	397	1.1	3.3	2KJ1004 - ■ KL13 - ■■■ E1		177	
510	346	1.3	2.88	★ 2KJ1004 - ■ KL13 - ■■■ D1		177	
703	251	1.7	2.09	★ 2KJ1004 - ■ KL13 - ■■■ B1		177	
860	206	1.7	1.71	★ 2KJ1004 - ■ KL13 - ■■■ A1		177	
22	D.188-LG180ZLB4E						
	9.6	21 959	0.91	153.12	2KJ1211 - ■ KP13 - ■■■ J1		758
	10.8	19 384	1.0	135.16	2KJ1211 - ■ KP13 - ■■■ H1		758
	12.0	17 449	1.1	121.67	★ 2KJ1211 - ■ KP13 - ■■■ G1		758
	14.5	14 479	1.4	100.96	★ 2KJ1211 - ■ KP13 - ■■■ F1		758
	15.9	13 203	1.5	92.06	2KJ1211 - ■ KP13 - ■■■ E1		758
	18.1	11 583	1.7	80.77	★ 2KJ1211 - ■ KP13 - ■■■ D1		758
	21	9 954	2.0	69.41	2KJ1211 - ■ KP13 - ■■■ C1		758
	Z.188-LG180ZLB4E						
	28	7 508	2.1	52.35	2KJ1111 - ■ KP13 - ■■■ P1		724
	30	6 915	2.3	48.22	2KJ1111 - ■ KP13 - ■■■ N1		724
	D.168-LG180ZLB4E						
	13.6	15 414	0.91	107.48	2KJ1210 - ■ KP13 - ■■■ G1		613
	15.5	13 524	1.0	94.3	★ 2KJ1210 - ■ KP13 - ■■■ F1		613
	18.4	11 437	1.2	79.75	★ 2KJ1210 - ■ KP13 - ■■■ E1		613
	20	10 377	1.3	72.36	2KJ1210 - ■ KP13 - ■■■ D1		613
	23	9 046	1.5	63.08	★ 2KJ1210 - ■ KP13 - ■■■ C1		613
	27	7 681	1.8	53.56	2KJ1210 - ■ KP13 - ■■■ B1		613
	Z.168-LG180ZLB4E						
	31	6 684	1.5	46.61	2KJ1110 - ■ KP13 - ■■■ V1		594
	35	6 036	2.3	42.09	2KJ1110 - ■ KP13 - ■■■ U1		594
	37	5 658	2.5	39.45	2KJ1110 - ■ KP13 - ■■■ T1		594

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
22	D.148-LG180ZLB4E						
	21	9 947	0.80	69.36	★ 2KJ1208 - ■ KP13 - ■■ E1		442
	24	8 909	0.90	62.12	2KJ1208 - ■ KP13 - ■■ D1		442
	28	7 545	1.1	52.61	★ 2KJ1208 - ■ KP13 - ■■ C1		442
	Z.148-LG180ZLB4E						
	32	6 469	1.2	45.11	★ 2KJ1108 - ■ KP13 - ■■ W1		430
	34	6 108	1.3	42.59	2KJ1108 - ■ KP13 - ■■ V1		430
	38	5 483	1.5	38.23	★ 2KJ1108 - ■ KP13 - ■■ U1		430
	42	5 032	1.6	35.09	2KJ1108 - ■ KP13 - ■■ T1		430
	48	4 343	1.8	30.28	2KJ1108 - ■ KP13 - ■■ S1		430
	55	3 799	2.1	26.49	2KJ1108 - ■ KP13 - ■■ R1		430
	64	3 304	2.4	23.04	2KJ1108 - ■ KP13 - ■■ Q1		430
	72	2 898	2.8	20.21	★ 2KJ1108 - ■ KP13 - ■■ P1		430
	86	2 451	3.3	17.09	★ 2KJ1108 - ■ KP13 - ■■ N1		430
	170	1 239	3.9	8.64	★ 2KJ1108 - ■ KP13 - ■■ H1		430
	187	1 124	4.3	7.84	2KJ1108 - ■ KP13 - ■■ G1		430
	D.128-LG180ZLB4E						
	34	6 269	0.81	43.71	2KJ1207 - ■ KP13 - ■■ B1		352
	39	5 388	0.95	37.57	★ 2KJ1207 - ■ KP13 - ■■ A1		352
	Z.128-LG180ZLB4E						
	46	4 605	1.1	32.11	★ 2KJ1107 - ■ KP13 - ■■ X1		343
	48	4 343	1.2	30.28	2KJ1107 - ■ KP13 - ■■ W1		343
	54	3 891	1.3	27.13	★ 2KJ1107 - ■ KP13 - ■■ V1		343
	58	3 592	1.4	25.05	2KJ1107 - ■ KP13 - ■■ U1		343
	68	3 070	1.7	21.41	2KJ1107 - ■ KP13 - ■■ T1		343
	76	2 775	1.8	19.35	★ 2KJ1107 - ■ KP13 - ■■ S1		343
	79	2 673	1.9	18.64	2KJ1107 - ■ KP13 - ■■ R1		343
	91	2 312	2.2	16.12	2KJ1107 - ■ KP13 - ■■ Q1		343
	104	2 016	2.4	14.06	★ 2KJ1107 - ■ KP13 - ■■ P1		343
	122	1 725	2.7	12.03	★ 2KJ1107 - ■ KP13 - ■■ N1		343
	136	1 546	3.0	10.78	2KJ1107 - ■ KP13 - ■■ M1		343
	160	1 309	3.4	9.13	★ 2KJ1107 - ■ KP13 - ■■ L1		343
	186	1 130	3.8	7.88	2KJ1107 - ■ KP13 - ■■ K1		343
	201	1 045	2.4	7.29	★ 2KJ1107 - ■ KP13 - ■■ J1		343
	235	895	2.8	6.24	★ 2KJ1107 - ■ KP13 - ■■ H1		343
	247	850	4.6	5.93	★ 2KJ1107 - ■ KP13 - ■■ G1		343
	262	802	3.3	5.59	★ 2KJ1107 - ■ KP13 - ■■ F1		343
	303	693	3.6	4.83	2KJ1107 - ■ KP13 - ■■ E1		343
	310	678	3.5	4.73	★ 2KJ1107 - ■ KP13 - ■■ D1		343
	358	587	4.0	4.09	★ 2KJ1107 - ■ KP13 - ■■ C1		343
	404	521	4.4	3.63	★ 2KJ1107 - ■ KP13 - ■■ B1		343
	477	440	5.0	3.07	★ 2KJ1107 - ■ KP13 - ■■ A1		343

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
22	Z.108-LG180ZLB4E						
	59	3 577	0.87	24.94	★ 2KJ1106 - ■ KP13 - ■■■ S1		271
	64	3 278	0.95	22.86	2KJ1106 - ■ KP13 - ■■■ R1		271
	75	2 794	1.1	19.48	2KJ1106 - ■ KP13 - ■■■ Q1		271
	85	2 465	1.3	17.19	★ 2KJ1106 - ■ KP13 - ■■■ P1		271
	100	2 098	1.5	14.63	2KJ1106 - ■ KP13 - ■■■ N1		271
	116	1 818	1.7	12.68	★ 2KJ1106 - ■ KP13 - ■■■ M1		271
	137	1 530	2.0	10.67	★ 2KJ1106 - ■ KP13 - ■■■ L1		271
	152	1 380	2.2	9.62	2KJ1106 - ■ KP13 - ■■■ K1		271
	177	1 186	2.6	8.27	★ 2KJ1106 - ■ KP13 - ■■■ J1		271
	206	1 018	1.8	7.1	★ 2KJ1106 - ■ KP13 - ■■■ H1		271
	229	919	1.9	6.41	2KJ1106 - ■ KP13 - ■■■ G1		271
	266	790	2.2	5.51	★ 2KJ1106 - ■ KP13 - ■■■ E1		271
	280	751	1.5	5.24	★ 2KJ1106 - ■ KP13 - ■■■ D1		271
	332	632	1.8	4.41	★ 2KJ1106 - ■ KP13 - ■■■ C1		271
	368	571	2.0	3.98	2KJ1106 - ■ KP13 - ■■■ B1		271
	428	490	2.2	3.42	★ 2KJ1106 - ■ KP13 - ■■■ A1		271
	Z.88-LG180ZLB4E						
	115	1 829	0.85	12.75	★ 2KJ1105 - ■ KP13 - ■■■ K1		225
	135	1 556	0.94	10.85	2KJ1105 - ■ KP13 - ■■■ J1		225
	158	1 328	1.0	9.26	★ 2KJ1105 - ■ KP13 - ■■■ H1		225
	193	1 089	1.2	7.59	★ 2KJ1105 - ■ KP13 - ■■■ G1		225
210	998	1.3	6.96	2KJ1105 - ■ KP13 - ■■■ F1		225	
247	852	1.4	5.94	★ 2KJ1105 - ■ KP13 - ■■■ E1		225	
301	698	1.6	4.87	★ 2KJ1105 - ■ KP13 - ■■■ D1		225	
329	638	1.3	4.45	★ 2KJ1105 - ■ KP13 - ■■■ C1		225	
387	544	1.4	3.79	★ 2KJ1105 - ■ KP13 - ■■■ B1		225	
471	446	1.5	3.11	★ 2KJ1105 - ■ KP13 - ■■■ A1		225	
E.148-LG180ZLB4E							
174	1 208	0.83	8.42	★ 2KJ1007 - ■ KP13 - ■■■ N1		274	
184	1 140	0.93	7.95	2KJ1007 - ■ KP13 - ■■■ M1		274	
205	1 024	1.1	7.14	★ 2KJ1007 - ■ KP13 - ■■■ L1		274	
224	939	1.2	6.55	2KJ1007 - ■ KP13 - ■■■ K1		274	
259	810	1.7	5.65	2KJ1007 - ■ KP13 - ■■■ J1		274	
297	708	2.0	4.94	2KJ1007 - ■ KP13 - ■■■ H1		274	
341	617	2.2	4.3	2KJ1007 - ■ KP13 - ■■■ G1		274	
389	541	2.5	3.77	★ 2KJ1007 - ■ KP13 - ■■■ F1		274	
459	457	3.4	3.19	★ 2KJ1007 - ■ KP13 - ■■■ E1		274	
505	416	3.4	2.9	2KJ1007 - ■ KP13 - ■■■ D1		274	
581	361	3.4	2.52	★ 2KJ1007 - ■ KP13 - ■■■ C1		274	
685	307	3.9	2.14	2KJ1007 - ■ KP13 - ■■■ B1		274	
893	235	4.1	1.64	★ 2KJ1007 - ■ KP13 - ■■■ A1		274	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg	
22	E.128-LG180ZLB4E							
	211	997	0.88	6.95	2KJ1006 - ■ KP13 - ■■ N1		250	
	235	893	1.0	6.23	★ 2KJ1006 - ■ KP13 - ■■ M1		250	
	255	825	1.2	5.75	2KJ1006 - ■ KP13 - ■■ L1		250	
	298	704	1.4	4.91	2KJ1006 - ■ KP13 - ■■ K1		250	
	330	637	1.6	4.44	★ 2KJ1006 - ■ KP13 - ■■ J1		250	
	342	614	1.6	4.28	2KJ1006 - ■ KP13 - ■■ H1		250	
	396	531	1.9	3.7	2KJ1006 - ■ KP13 - ■■ G1		250	
	454	463	2.2	3.23	★ 2KJ1006 - ■ KP13 - ■■ F1		250	
	531	396	2.5	2.76	★ 2KJ1006 - ■ KP13 - ■■ E1		250	
	593	354	2.7	2.47	2KJ1006 - ■ KP13 - ■■ D1		250	
	698	301	2.9	2.1	★ 2KJ1006 - ■ KP13 - ■■ C1		250	
	809	260	3.1	1.81	2KJ1006 - ■ KP13 - ■■ B1		250	
	1 077	195	3.5	1.36	★ 2KJ1006 - ■ KP13 - ■■ A1		250	
	E.108-LG180ZLB4E							
	268	783	0.84	5.46	★ 2KJ1005 - ■ KP13 - ■■ K1		213	
	293	717	0.95	5	2KJ1005 - ■ KP13 - ■■ J1		213	
	344	611	1.2	4.26	2KJ1005 - ■ KP13 - ■■ H1		213	
	390	539	1.1	3.76	★ 2KJ1005 - ■ KP13 - ■■ G1		213	
	458	459	1.6	3.2	2KJ1005 - ■ KP13 - ■■ F1		213	
	529	397	1.7	2.77	★ 2KJ1005 - ■ KP13 - ■■ E1		213	
	629	334	2.0	2.33	★ 2KJ1005 - ■ KP13 - ■■ C1		213	
	694	303	2.0	2.11	2KJ1005 - ■ KP13 - ■■ B1		213	
	809	260	2.1	1.81	★ 2KJ1005 - ■ KP13 - ■■ A1		213	
		E.88-LG180ZLB4E						
		444	473	0.95	3.3	2KJ1004 - ■ KP13 - ■■ E1		192
509		413	1.1	2.88	★ 2KJ1004 - ■ KP13 - ■■ D1		192	
30	D.188-LG200LB4E							
	12.1	23 633	0.85	121.67	★ 2KJ1211 - ■ LM13 - ■■ G1		808	
	14.6	19 610	1.0	100.96	★ 2KJ1211 - ■ LM13 - ■■ F1		808	
	16.0	17 881	1.1	92.06	2KJ1211 - ■ LM13 - ■■ E1		808	
	18.3	15 689	1.3	80.77	★ 2KJ1211 - ■ LM13 - ■■ D1		808	
	21	13 482	1.5	69.41	2KJ1211 - ■ LM13 - ■■ C1		808	
	27	10 500	1.9	54.06	★ 2KJ1211 - ■ LM13 - ■■ B1		808	
	34	8 342	2.4	42.95	★ 2KJ1211 - ■ LM13 - ■■ A1		808	
	Z.188-LG200LB4E							
	28	10 168	1.5	52.35	2KJ1111 - ■ LM13 - ■■ P1		774	
	31	9 366	1.7	48.22	2KJ1111 - ■ LM13 - ■■ N1		774	
	35	8 129	2.0	41.85	★ 2KJ1111 - ■ LM13 - ■■ M1		774	
	40	7 165	2.3	36.89	2KJ1111 - ■ LM13 - ■■ L1		774	
	D.168-LG200LB4E							
	18.5	15 490	0.90	79.75	★ 2KJ1210 - ■ LM13 - ■■ E1		663	
	20	14 055	1.0	72.36	2KJ1210 - ■ LM13 - ■■ D1		663	
	23	12 252	1.1	63.08	★ 2KJ1210 - ■ LM13 - ■■ C1		663	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
30	D.168-LG200LB4E						
	28	10 403	1.3	53.56	2KJ1210 - ■ LM13 - ■■ B1		663
	Z.168-LG200LB4E						
	32	9 053	1.1	46.61	2KJ1110 - ■ LM13 - ■■ V1		644
	35	8 175	1.7	42.09	2KJ1110 - ■ LM13 - ■■ U1		644
	37	7 663	1.8	39.45	2KJ1110 - ■ LM13 - ■■ T1		644
	44	6 581	2.1	33.88	★ 2KJ1110 - ■ LM13 - ■■ S1		644
	50	5 685	2.5	29.27	2KJ1110 - ■ LM13 - ■■ Q1		644
	57	5 019	2.8	25.84	2KJ1110 - ■ LM13 - ■■ P1		644
	Z.148-LG200LB4E						
	33	8 762	0.91	45.11	★ 2KJ1108 - ■ LM13 - ■■ W1		480
	35	8 273	0.97	42.59	2KJ1108 - ■ LM13 - ■■ V1		480
	39	7 426	1.1	38.23	★ 2KJ1108 - ■ LM13 - ■■ U1		480
	42	6 816	1.2	35.09	2KJ1108 - ■ LM13 - ■■ T1		480
	49	5 882	1.4	30.28	2KJ1108 - ■ LM13 - ■■ S1		480
	56	5 145	1.6	26.49	2KJ1108 - ■ LM13 - ■■ R1		480
	64	4 475	1.8	23.04	2KJ1108 - ■ LM13 - ■■ Q1		480
	73	3 926	2.0	20.21	★ 2KJ1108 - ■ LM13 - ■■ P1		480
	86	3 320	2.4	17.09	★ 2KJ1108 - ■ LM13 - ■■ N1		480
	95	3 013	2.7	15.51	2KJ1108 - ■ LM13 - ■■ M1		480
	109	2 626	3.0	13.52	★ 2KJ1108 - ■ LM13 - ■■ L1		480
	128	2 230	3.6	11.48	2KJ1108 - ■ LM13 - ■■ K1		480
	171	1 678	2.9	8.64	★ 2KJ1108 - ■ LM13 - ■■ H1		480
	188	1 523	3.2	7.84	2KJ1108 - ■ LM13 - ■■ G1		480
	195	1 470	3.8	7.57	★ 2KJ1108 - ■ LM13 - ■■ F1		480
	216	1 329	3.6	6.84	★ 2KJ1108 - ■ LM13 - ■■ E1		480
	229	1 249	4.3	6.43	2KJ1108 - ■ LM13 - ■■ D1		480
	254	1 127	3.7	5.8	2KJ1108 - ■ LM13 - ■■ C1		480
	332	862	4.5	4.44	★ 2KJ1108 - ■ LM13 - ■■ A1		480
	Z.128-LG200LB4E						
	46	6 237	0.82	32.11	★ 2KJ1107 - ■ LM13 - ■■ X1		393
	49	5 882	0.87	30.28	2KJ1107 - ■ LM13 - ■■ W1		393
	54	5 270	0.97	27.13	★ 2KJ1107 - ■ LM13 - ■■ V1		393
59	4 866	1.0	25.05	2KJ1107 - ■ LM13 - ■■ U1		393	
69	4 159	1.2	21.41	2KJ1107 - ■ LM13 - ■■ T1		393	
76	3 758	1.4	19.35	★ 2KJ1107 - ■ LM13 - ■■ S1		393	
79	3 621	1.4	18.64	2KJ1107 - ■ LM13 - ■■ R1		393	
92	3 131	1.6	16.12	2KJ1107 - ■ LM13 - ■■ Q1		393	
105	2 731	1.8	14.06	★ 2KJ1107 - ■ LM13 - ■■ P1		393	
123	2 337	2.0	12.03	★ 2KJ1107 - ■ LM13 - ■■ N1		393	
137	2 094	2.2	10.78	2KJ1107 - ■ LM13 - ■■ M1		393	
162	1 773	2.5	9.13	★ 2KJ1107 - ■ LM13 - ■■ L1		393	
187	1 531	2.8	7.88	2KJ1107 - ■ LM13 - ■■ K1		393	
202	1 416	1.8	7.29	★ 2KJ1107 - ■ LM13 - ■■ J1		393	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
30	Z.128-LG200LB4E						
	236	1 212	2.1	6.24	★ 2KJ1107 - LM13 - H1		393
	249	1 152	3.4	5.93	★ 2KJ1107 - LM13 - G1		393
	264	1 086	2.4	5.59	★ 2KJ1107 - LM13 - F1		393
	305	938	2.7	4.83	2KJ1107 - LM13 - E1		393
	312	919	2.6	4.73	★ 2KJ1107 - LM13 - D1		393
	361	794	3.0	4.09	★ 2KJ1107 - LM13 - C1		393
	406	705	3.3	3.63	★ 2KJ1107 - LM13 - B1		393
	480	596	3.7	3.07	★ 2KJ1107 - LM13 - A1		393
		Z.108-LG200LB4E					
76		3 784	0.82	19.48	2KJ1106 - LM13 - Q1		321
86		3 339	0.93	17.19	★ 2KJ1106 - LM13 - P1		321
101		2 842	1.1	14.63	2KJ1106 - LM13 - N1		321
116		2 463	1.3	12.68	★ 2KJ1106 - LM13 - M1		321
138		2 073	1.5	10.67	★ 2KJ1106 - LM13 - L1		321
153		1 869	1.7	9.62	2KJ1106 - LM13 - K1		321
178		1 606	1.9	8.27	★ 2KJ1106 - LM13 - J1		321
208		1 379	1.3	7.1	★ 2KJ1106 - LM13 - H1		321
230		1 245	1.4	6.41	2KJ1106 - LM13 - G1		321
268		1 070	1.6	5.51	★ 2KJ1106 - LM13 - E1		321
281		1 018	1.1	5.24	★ 2KJ1106 - LM13 - D1		321
334		857	1.3	4.41	★ 2KJ1106 - LM13 - C1		321
371		773	1.4	3.98	2KJ1106 - LM13 - B1		321
431		664	1.6	3.42	★ 2KJ1106 - LM13 - A1		321
	E.148-LG200LB4E						
	207	1 387	0.81	7.14	★ 2KJ1007 - LM13 - L1		324
	225	1 272	0.90	6.55	2KJ1007 - LM13 - K1		324
	261	1 097	1.2	5.65	2KJ1007 - LM13 - J1		324
	299	960	1.5	4.94	2KJ1007 - LM13 - H1		324
	343	835	1.6	4.3	2KJ1007 - LM13 - G1		324
	391	732	1.8	3.77	★ 2KJ1007 - LM13 - F1		324
	462	620	2.5	3.19	★ 2KJ1007 - LM13 - E1		324
	509	563	2.5	2.9	2KJ1007 - LM13 - D1		324
	585	489	2.5	2.52	★ 2KJ1007 - LM13 - C1		324
	689	416	2.9	2.14	2KJ1007 - LM13 - B1		324
	899	319	3.0	1.64	★ 2KJ1007 - LM13 - A1		324
	E.128-LG200LB4E						
	257	1 117	0.86	5.75	2KJ1006 - LM13 - L1		300
	300	954	1.0	4.91	2KJ1006 - LM13 - K1		300
	332	862	1.2	4.44	★ 2KJ1006 - LM13 - J1		300
	345	831	1.2	4.28	2KJ1006 - LM13 - H1		300
	399	719	1.4	3.7	2KJ1006 - LM13 - G1		300
	457	627	1.6	3.23	★ 2KJ1006 - LM13 - F1		300
	534	536	1.9	2.76	★ 2KJ1006 - LM13 - E1		300

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
30	E.128-LG200LB4E						
	597	480	2.0	2.47	2KJ1006 - LM13 - D1		300
	702	408	2.1	2.1	★ 2KJ1006 - LM13 - C1		300
	815	352	2.3	1.81	2KJ1006 - LM13 - B1		300
	1 085	264	2.6	1.36	★ 2KJ1006 - LM13 - A1		300
	E.108-LG200LB4E						
	346	827	0.87	4.26	2KJ1005 - LM13 - H1		263
	392	730	0.82	3.76	★ 2KJ1005 - LM13 - G1		263
	461	622	1.2	3.2	2KJ1005 - LM13 - F1		263
	532	538	1.2	2.77	★ 2KJ1005 - LM13 - E1		263
	633	453	1.5	2.33	★ 2KJ1005 - LM13 - C1		263
	699	410	1.5	2.11	2KJ1005 - LM13 - B1		263
	815	352	1.6	1.81	★ 2KJ1005 - LM13 - A1		263
	37	D.188-LG225S4E					
14.6		24 268	0.82	100.96	★ 2KJ1211 - ME13 - F1		888
16.0		22 129	0.90	92.06	2KJ1211 - ME13 - E1		888
18.2		19 415	1.0	80.77	★ 2KJ1211 - ME13 - D1		888
21		16 684	1.2	69.41	2KJ1211 - ME13 - C1		888
27		12 995	1.5	54.06	★ 2KJ1211 - ME13 - B1		888
34		10 324	1.9	42.95	★ 2KJ1211 - ME13 - A1		888
Z.188-LG225S4E							
28		12 584	1.2	52.35	2KJ1111 - ME13 - P1		854
30		11 591	1.4	48.22	2KJ1111 - ME13 - N1		854
35		10 060	1.6	41.85	★ 2KJ1111 - ME13 - M1		854
40		8 867	1.9	36.89	2KJ1111 - ME13 - L1		854
45		7 781	2.4	32.37	2KJ1111 - ME13 - K1		854
D.168-LG225S4E							
20	17 393	0.80	72.36	2KJ1210 - ME13 - D1		743	
23	15 163	0.92	63.08	★ 2KJ1210 - ME13 - C1		743	
27	12 874	1.1	53.56	2KJ1210 - ME13 - B1		743	
Z.168-LG225S4E							
35	10 117	1.4	42.09	2KJ1110 - ME13 - U1		724	
37	9 483	1.5	39.45	2KJ1110 - ME13 - T1		724	
43	8 144	1.7	33.88	★ 2KJ1110 - ME13 - S1		724	
50	7 036	2.0	29.27	2KJ1110 - ME13 - Q1		724	
57	6 211	2.3	25.84	2KJ1110 - ME13 - P1		724	
63	5 591	2.5	23.26	★ 2KJ1110 - ME13 - N1		724	
76	4 639	3.0	19.3	★ 2KJ1110 - ME13 - M1		724	
84	4 231	3.3	17.6	2KJ1110 - ME13 - L1		724	
159	2 226	3.5	9.26	★ 2KJ1110 - ME13 - G1		724	
204	1 731	4.1	7.2	★ 2KJ1110 - ME13 - E1		724	
Z.148-LG225S4E							
38	9 190	0.87	38.23	★ 2KJ1108 - ME13 - U1		560	
42	8 435	0.95	35.09	2KJ1108 - ME13 - T1		560	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg	
37	Z.148-LG225S4E							
	48	7 279	1.1	30.28	2KJ1108 - ME13 - S1		560	
	56	6 368	1.3	26.49	2KJ1108 - ME13 - R1		560	
	64	5 538	1.4	23.04	2KJ1108 - ME13 - Q1		560	
	73	4 858	1.6	20.21	★ 2KJ1108 - ME13 - P1		560	
	86	4 108	1.9	17.09	★ 2KJ1108 - ME13 - N1		560	
	95	3 728	2.1	15.51	2KJ1108 - ME13 - M1		560	
	109	3 250	2.5	13.52	★ 2KJ1108 - ME13 - L1		560	
	128	2 759	2.9	11.48	2KJ1108 - ME13 - K1		560	
	167	2 113	3.8	8.79	★ 2KJ1108 - ME13 - J1		560	
	170	2 077	2.3	8.64	★ 2KJ1108 - ME13 - H1		560	
	188	1 885	2.5	7.84	2KJ1108 - ME13 - G1		560	
	194	1 820	3.1	7.57	★ 2KJ1108 - ME13 - F1		560	
	215	1 644	2.9	6.84	★ 2KJ1108 - ME13 - E1		560	
	229	1 546	3.5	6.43	2KJ1108 - ME13 - D1		560	
	253	1 394	3.0	5.8	2KJ1108 - ME13 - C1		560	
	299	1 183	4.3	4.92	★ 2KJ1108 - ME13 - B1		560	
	331	1 067	3.6	4.44	★ 2KJ1108 - ME13 - A1		560	
		Z.128-LG225S4E						
		59	6 021	0.85	25.05	2KJ1107 - ME13 - U1		473
69		5 146	0.99	21.41	2KJ1107 - ME13 - T1		473	
76		4 651	1.1	19.35	★ 2KJ1107 - ME13 - S1		473	
79		4 481	1.1	18.64	2KJ1107 - ME13 - R1		473	
91		3 875	1.3	16.12	2KJ1107 - ME13 - Q1		473	
105		3 380	1.4	14.06	★ 2KJ1107 - ME13 - P1		473	
122		2 892	1.6	12.03	★ 2KJ1107 - ME13 - N1		473	
136		2 591	1.8	10.78	2KJ1107 - ME13 - M1		473	
161		2 195	2.0	9.13	★ 2KJ1107 - ME13 - L1		473	
187		1 894	2.2	7.88	2KJ1107 - ME13 - K1		473	
202		1 752	1.4	7.29	★ 2KJ1107 - ME13 - J1		473	
236		1 500	1.7	6.24	★ 2KJ1107 - ME13 - H1		473	
248		1 425	2.7	5.93	★ 2KJ1107 - ME13 - G1		473	
263		1 344	1.9	5.59	★ 2KJ1107 - ME13 - F1		473	
304		1 161	2.2	4.83	2KJ1107 - ME13 - E1		473	
311		1 137	2.1	4.73	★ 2KJ1107 - ME13 - D1		473	
359		983	2.4	4.09	★ 2KJ1107 - ME13 - C1		473	
405		873	2.6	3.63	★ 2KJ1107 - ME13 - B1		473	
479		738	3.0	3.07	★ 2KJ1107 - ME13 - A1		473	
	Z.108-K4-LG1225S4E							
	100	3 517	0.88	14.63	2KJ1106 - ME13 - N1		401	
	116	3 048	1.0	12.68	★ 2KJ1106 - ME13 - M1		401	
	138	2 565	1.2	10.67	★ 2KJ1106 - ME13 - L1		401	
	153	2 312	1.3	9.62	2KJ1106 - ME13 - K1		401	
	178	1 988	1.6	8.27	★ 2KJ1106 - ME13 - J1		401	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
37	Z.108-K4-LGI225S4E						
	207	1 707	1.1	7.1	★ 2KJ1106 - ■ ME13 - ■■ H1		401
	229	1 541	1.1	6.41	2KJ1106 - ■ ME13 - ■■ G1		401
	267	1 324	1.3	5.51	★ 2KJ1106 - ■ ME13 - ■■ E1		401
	281	1 260	0.91	5.24	★ 2KJ1106 - ■ ME13 - ■■ D1		401
	333	1 060	1.1	4.41	★ 2KJ1106 - ■ ME13 - ■■ C1		401
	369	957	1.2	3.98	2KJ1106 - ■ ME13 - ■■ B1		401
	430	822	1.3	3.42	★ 2KJ1106 - ■ ME13 - ■■ A1		401
	E.148-LG225S4E						
	260	1 358	1.0	5.65	2KJ1007 - ■ ME13 - ■■ J1		404
298	1 187	1.2	4.94	2KJ1007 - ■ ME13 - ■■ H1		404	
342	1 034	1.3	4.3	2KJ1007 - ■ ME13 - ■■ G1		404	
390	906	1.5	3.77	★ 2KJ1007 - ■ ME13 - ■■ F1		404	
461	767	2.0	3.19	★ 2KJ1007 - ■ ME13 - ■■ E1		404	
507	697	2.0	2.9	2KJ1007 - ■ ME13 - ■■ D1		404	
583	606	2.0	2.52	★ 2KJ1007 - ■ ME13 - ■■ C1		404	
687	514	2.3	2.14	2KJ1007 - ■ ME13 - ■■ B1		404	
896	394	2.4	1.64	★ 2KJ1007 - ■ ME13 - ■■ A1		404	
E.128-LG225S4E							
299	1 180	0.81	4.91	2KJ1006 - ■ ME13 - ■■ K1		380	
331	1 067	0.94	4.44	★ 2KJ1006 - ■ ME13 - ■■ J1		380	
343	1 029	0.97	4.28	2KJ1006 - ■ ME13 - ■■ H1		380	
397	889	1.1	3.7	2KJ1006 - ■ ME13 - ■■ G1		380	
455	776	1.3	3.23	★ 2KJ1006 - ■ ME13 - ■■ F1		380	
533	663	1.5	2.76	★ 2KJ1006 - ■ ME13 - ■■ E1		380	
595	594	1.6	2.47	2KJ1006 - ■ ME13 - ■■ D1		380	
700	505	1.7	2.1	★ 2KJ1006 - ■ ME13 - ■■ C1		380	
812	435	1.8	1.81	2KJ1006 - ■ ME13 - ■■ B1		380	
1 081	327	2.1	1.36	★ 2KJ1006 - ■ ME13 - ■■ A1		380	
E.108-K4-LGI225S4E							
459	769	0.97	3.2	2KJ1005 - ■ ME13 - ■■ F1		343	
531	666	1.0	2.77	★ 2KJ1005 - ■ ME13 - ■■ E1		343	
45	D.188-LG225ZM4E						
	18.3	23 533	0.85	80.77	★ 2KJ1211 - ■ MU13 - ■■ D1		888
	21	20 223	0.99	69.41	2KJ1211 - ■ MU13 - ■■ C1		888
	27	15 751	1.3	54.06	★ 2KJ1211 - ■ MU13 - ■■ B1		888
	34	12 514	1.6	42.95	★ 2KJ1211 - ■ MU13 - ■■ A1		888
	Z.188-LG225ZM4E						
	28	15 252	1.0	52.35	2KJ1111 - ■ MU13 - ■■ P1		854
	31	14 049	1.1	48.22	2KJ1111 - ■ MU13 - ■■ N1		854
	35	12 193	1.3	41.85	★ 2KJ1111 - ■ MU13 - ■■ M1		854
	40	10 748	1.5	36.89	2KJ1111 - ■ MU13 - ■■ L1		854
46	9 431	2.0	32.37	2KJ1111 - ■ MU13 - ■■ K1		854	
50	8 502	2.4	29.18	★ 2KJ1111 - ■ MU13 - ■■ J1		854	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
45	Z.188-LG225ZM4E						
	60	7 217	2.8	24.77	★ 2KJ1111 - ■ MU13 - ■■ H1		854
	64	6 704	3.0	23.01	2KJ1111 - ■ MU13 - ■■ G1		854
	D.168-LG225ZM4E						
	28	15 605	0.90	53.56	2KJ1210 - ■ MU13 - ■■ B1		743
	Z.168-LG225ZM4E						
	35	12 263	1.1	42.09	2KJ1110 - ■ MU13 - ■■ U1		724
	37	11 494	1.2	39.45	2KJ1110 - ■ MU13 - ■■ T1		724
	44	9 871	1.4	33.88	★ 2KJ1110 - ■ MU13 - ■■ S1		724
	50	8 528	1.6	29.27	2KJ1110 - ■ MU13 - ■■ Q1		724
	57	7 529	1.9	25.84	2KJ1110 - ■ MU13 - ■■ P1		724
	63	6 777	2.1	23.26	★ 2KJ1110 - ■ MU13 - ■■ N1		724
	76	5 623	2.5	19.3	★ 2KJ1110 - ■ MU13 - ■■ M1		724
	84	5 128	2.7	17.6	2KJ1110 - ■ MU13 - ■■ L1		724
	96	4 499	3.0	15.44	★ 2KJ1110 - ■ MU13 - ■■ K1		724
	111	3 866	3.4	13.27	2KJ1110 - ■ MU13 - ■■ J1		724
	159	2 698	2.9	9.26	★ 2KJ1110 - ■ MU13 - ■■ G1		724
	205	2 098	3.4	7.2	★ 2KJ1110 - ■ MU13 - ■■ E1		724
	238	1 806	4.2	6.2	★ 2KJ1110 - ■ MU13 - ■■ D1		724
	263	1 635	4.1	5.61	★ 2KJ1110 - ■ MU13 - ■■ C1		724
	299	1 436	4.9	4.93	★ 2KJ1110 - ■ MU13 - ■■ B1		724
	331	1 299	5.0	4.46	★ 2KJ1110 - ■ MU13 - ■■ A1		724
	D.148-LG225ZM4E						
	43	9 950	0.80	34.15	★ 2KJ1208 - ■ MU13 - ■■ A1		572
	Z.148-LG225ZM4E						
	49	8 822	0.91	30.28	2KJ1108 - ■ MU13 - ■■ S1		560
	56	7 718	1.0	26.49	2KJ1108 - ■ MU13 - ■■ R1		560
	64	6 713	1.2	23.04	2KJ1108 - ■ MU13 - ■■ Q1		560
	73	5 888	1.4	20.21	★ 2KJ1108 - ■ MU13 - ■■ P1		560
	86	4 979	1.6	17.09	★ 2KJ1108 - ■ MU13 - ■■ N1		560
	95	4 519	1.8	15.51	2KJ1108 - ■ MU13 - ■■ M1		560
	109	3 939	2.0	13.52	★ 2KJ1108 - ■ MU13 - ■■ L1		560
	128	3 345	2.4	11.48	2KJ1108 - ■ MU13 - ■■ K1		560
	168	2 561	3.1	8.79	★ 2KJ1108 - ■ MU13 - ■■ J1		560
	171	2 517	1.9	8.64	★ 2KJ1108 - ■ MU13 - ■■ H1		560
	188	2 284	2.1	7.84	2KJ1108 - ■ MU13 - ■■ G1		560
	195	2 206	2.5	7.57	★ 2KJ1108 - ■ MU13 - ■■ F1		560
	216	1 993	2.4	6.84	★ 2KJ1108 - ■ MU13 - ■■ E1		560
	229	1 873	2.9	6.43	2KJ1108 - ■ MU13 - ■■ D1		560
	254	1 690	2.5	5.8	2KJ1108 - ■ MU13 - ■■ C1		560
	300	1 433	3.5	4.92	★ 2KJ1108 - ■ MU13 - ■■ B1		560
	332	1 294	3.0	4.44	★ 2KJ1108 - ■ MU13 - ■■ A1		560

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
45	Z.128-LG225ZM4E						
	69	6 238	0.82	21.41	2KJ1107 - ■ MU13 - ■■ T1		473
	76	5 638	0.90	19.35	★ 2KJ1107 - ■ MU13 - ■■ S1		473
	79	5 431	0.94	18.64	2KJ1107 - ■ MU13 - ■■ R1		473
	92	4 697	1.1	16.12	2KJ1107 - ■ MU13 - ■■ Q1		473
	105	4 096	1.2	14.06	★ 2KJ1107 - ■ MU13 - ■■ P1		473
	123	3 505	1.3	12.03	★ 2KJ1107 - ■ MU13 - ■■ N1		473
	137	3 141	1.5	10.78	2KJ1107 - ■ MU13 - ■■ M1		473
	162	2 660	1.7	9.13	★ 2KJ1107 - ■ MU13 - ■■ L1		473
	187	2 296	1.9	7.88	2KJ1107 - ■ MU13 - ■■ K1		473
	202	2 124	1.2	7.29	★ 2KJ1107 - ■ MU13 - ■■ J1		473
	236	1 818	1.4	6.24	★ 2KJ1107 - ■ MU13 - ■■ H1		473
	249	1 728	2.3	5.93	★ 2KJ1107 - ■ MU13 - ■■ G1		473
	264	1 629	1.6	5.59	★ 2KJ1107 - ■ MU13 - ■■ F1		473
	305	1 407	1.8	4.83	2KJ1107 - ■ MU13 - ■■ E1		473
	312	1 378	1.7	4.73	★ 2KJ1107 - ■ MU13 - ■■ D1		473
	361	1 192	2.0	4.09	★ 2KJ1107 - ■ MU13 - ■■ C1		473
	406	1 058	2.2	3.63	★ 2KJ1107 - ■ MU13 - ■■ B1		473
	480	894	2.5	3.07	★ 2KJ1107 - ■ MU13 - ■■ A1		473
	Z.108-K4-LG1225ZM4E						
116	3 690	0.84	12.68	★ 2KJ1106 - ■ MU13 - ■■ M1		401	
138	3 105	1.0	10.67	★ 2KJ1106 - ■ MU13 - ■■ L1		401	
153	2 799	1.1	9.62	2KJ1106 - ■ MU13 - ■■ K1		401	
178	2 407	1.3	8.27	★ 2KJ1106 - ■ MU13 - ■■ J1		401	
208	2 066	0.87	7.1	★ 2KJ1106 - ■ MU13 - ■■ H1		401	
230	1 865	0.94	6.41	2KJ1106 - ■ MU13 - ■■ G1		401	
268	1 603	1.1	5.51	★ 2KJ1106 - ■ MU13 - ■■ E1		401	
334	1 283	0.89	4.41	★ 2KJ1106 - ■ MU13 - ■■ C1		401	
371	1 158	0.97	3.98	2KJ1106 - ■ MU13 - ■■ B1		401	
431	995	1.1	3.42	★ 2KJ1106 - ■ MU13 - ■■ A1		401	
E.148-LG225ZM4E							
261	1 646	0.83	5.65	2KJ1007 - ■ MU13 - ■■ J1		404	
299	1 439	0.97	4.94	2KJ1007 - ■ MU13 - ■■ H1		404	
343	1 253	1.1	4.3	2KJ1007 - ■ MU13 - ■■ G1		404	
391	1 098	1.2	3.77	★ 2KJ1007 - ■ MU13 - ■■ F1		404	
462	929	1.7	3.19	★ 2KJ1007 - ■ MU13 - ■■ E1		404	
509	845	1.7	2.9	2KJ1007 - ■ MU13 - ■■ D1		404	
585	734	1.7	2.52	★ 2KJ1007 - ■ MU13 - ■■ C1		404	
689	624	1.9	2.14	2KJ1007 - ■ MU13 - ■■ B1		404	
899	478	2.0	1.64	★ 2KJ1007 - ■ MU13 - ■■ A1		404	
E.128-LG225ZM4E							
345	1 247	0.80	4.28	2KJ1006 - ■ MU13 - ■■ H1		380	
399	1 078	0.93	3.7	2KJ1006 - ■ MU13 - ■■ G1		380	
457	941	1.1	3.23	★ 2KJ1006 - ■ MU13 - ■■ F1		380	

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg	
45	E.128-LG225ZM4E							
	534	804	1.2	2.76	★ 2KJ1006 - ■MU13 - ■■E1		380	
	815	527	1.5	1.81	2KJ1006 - ■MU13 - ■■B1		380	
	1 085	396	1.7	1.36	★ 2KJ1006 - ■MU13 - ■■A1		380	
	E.108-K4-LG1225ZM4E							
	461	931	0.80	3.2	2KJ1005 - ■MU13 - ■■F1		343	
	532	806	0.83	2.77	★ 2KJ1005 - ■MU13 - ■■E1		343	
	55	D.188-LG250ZM4E						
		21	24 634	0.81	69.41	2KJ1211 - ■■NN13 - ■■C1		978
		27	19 186	1.0	54.06	★ 2KJ1211 - ■■NN13 - ■■B1		978
34		15 243	1.3	42.95	★ 2KJ1211 - ■■NN13 - ■■A1		978	
Z.188-LG250ZM4E								
31		17 113	0.93	48.22	2KJ1111 - ■■NN13 - ■■N1		944	
35		14 853	1.1	41.85	★ 2KJ1111 - ■■NN13 - ■■M1		944	
40		13 092	1.3	36.89	2KJ1111 - ■■NN13 - ■■L1		944	
46		11 488	1.6	32.37	2KJ1111 - ■■NN13 - ■■K1		944	
51		10 356	1.9	29.18	★ 2KJ1111 - ■■NN13 - ■■J1		944	
60		8 791	2.3	24.77	★ 2KJ1111 - ■■NN13 - ■■H1		944	
64		8 166	2.4	23.01	2KJ1111 - ■■NN13 - ■■G1		944	
75		7 013	2.9	19.76	★ 2KJ1111 - ■■NN13 - ■■F1		944	
88		5 984	3.3	16.86	2KJ1111 - ■■NN13 - ■■E1		944	
178		2 946	3.6	8.3	2KJ1111 - ■■NN13 - ■■A1		944	
Z.168-LG250ZM4E								
38		14 001	1.0	39.45	2KJ1110 - ■■NN13 - ■■T1		814	
44		12 024	1.2	33.88	★ 2KJ1110 - ■■NN13 - ■■S1		814	
51		10 388	1.3	29.27	2KJ1110 - ■■NN13 - ■■Q1		814	
57		9 171	1.5	25.84	2KJ1110 - ■■NN13 - ■■P1		814	
64		8 255	1.7	23.26	★ 2KJ1110 - ■■NN13 - ■■N1		814	
77		6 850	2.0	19.3	★ 2KJ1110 - ■■NN13 - ■■M1		814	
84		6 246	2.2	17.6	2KJ1110 - ■■NN13 - ■■L1		814	
96		5 480	2.5	15.44	★ 2KJ1110 - ■■NN13 - ■■K1		814	
112		4 710	2.8	13.27	2KJ1110 - ■■NN13 - ■■J1		814	
143		3 670	3.4	10.34	★ 2KJ1110 - ■■NN13 - ■■H1		814	
160		3 286	2.4	9.26	★ 2KJ1110 - ■■NN13 - ■■G1		814	
180		2 914	4.0	8.21	★ 2KJ1110 - ■■NN13 - ■■F1		814	
206		2 555	2.8	7.2	★ 2KJ1110 - ■■NN13 - ■■E1		814	
239		2 200	3.4	6.2	★ 2KJ1110 - ■■NN13 - ■■D1		814	
264	1 991	3.4	5.61	★ 2KJ1110 - ■■NN13 - ■■C1		814		
300	1 750	4.0	4.93	★ 2KJ1110 - ■■NN13 - ■■B1		814		
332	1 583	4.1	4.46	★ 2KJ1110 - ■■NN13 - ■■A1		814		
Z.148-LG250ZM4E								
56	9 401	0.85	26.49	2KJ1108 - ■■NN13 - ■■R1		650		
64	8 177	0.98	23.04	2KJ1108 - ■■NN13 - ■■Q1		650		
73	7 173	1.1	20.21	★ 2KJ1108 - ■■NN13 - ■■P1		650		

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
55	Z.148-LG250ZM4E						
	87	6 065	1.3	17.09	★ 2KJ1108 - ■NN13 - ■■N1		650
	95	5 504	1.5	15.51	★ 2KJ1108 - ■NN13 - ■■M1		650
	109	4 798	1.7	13.52	★ 2KJ1108 - ■NN13 - ■■L1		650
	129	4 074	2.0	11.48	★ 2KJ1108 - ■NN13 - ■■K1		650
	168	3 120	2.6	8.79	★ 2KJ1108 - ■NN13 - ■■J1		650
	171	3 066	1.6	8.64	★ 2KJ1108 - ■NN13 - ■■H1		650
	189	2 782	1.7	7.84	★ 2KJ1108 - ■NN13 - ■■G1		650
	196	2 687	2.1	7.57	★ 2KJ1108 - ■NN13 - ■■F1		650
	216	2 428	2.0	6.84	★ 2KJ1108 - ■NN13 - ■■E1		650
	230	2 282	2.4	6.43	★ 2KJ1108 - ■NN13 - ■■D1		650
	255	2 058	2.0	5.8	★ 2KJ1108 - ■NN13 - ■■C1		650
	301	1 746	2.9	4.92	★ 2KJ1108 - ■NN13 - ■■B1		650
	333	1 576	2.4	4.44	★ 2KJ1108 - ■NN13 - ■■A1		650
		Z.128-K4-LGI250ZM4E					
92		5 721	0.87	16.12	★ 2KJ1107 - ■NN13 - ■■Q1		563
105		4 990	0.98	14.06	★ 2KJ1107 - ■NN13 - ■■P1		563
123		4 269	1.1	12.03	★ 2KJ1107 - ■NN13 - ■■N1		563
137		3 826	1.2	10.78	★ 2KJ1107 - ■NN13 - ■■M1		563
162		3 240	1.4	9.13	★ 2KJ1107 - ■NN13 - ■■L1		563
188		2 797	1.5	7.88	★ 2KJ1107 - ■NN13 - ■■K1		563
203		2 587	0.98	7.29	★ 2KJ1107 - ■NN13 - ■■J1		563
237		2 215	1.1	6.24	★ 2KJ1107 - ■NN13 - ■■H1		563
250		2 105	1.9	5.93	★ 2KJ1107 - ■NN13 - ■■G1		563
265		1 984	1.3	5.59	★ 2KJ1107 - ■NN13 - ■■F1		563
306		1 714	1.5	4.83	★ 2KJ1107 - ■NN13 - ■■E1		563
313		1 679	1.4	4.73	★ 2KJ1107 - ■NN13 - ■■D1		563
362		1 452	1.6	4.09	★ 2KJ1107 - ■NN13 - ■■C1		563
408		1 288	1.8	3.63	★ 2KJ1107 - ■NN13 - ■■B1		563
482	1 090	2.0	3.07	★ 2KJ1107 - ■NN13 - ■■A1		563	
	E.148-LG250ZM4E						
	300	1 753	0.80	4.94	★ 2KJ1007 - ■NN13 - ■■H1		494
	344	1 526	0.87	4.3	★ 2KJ1007 - ■NN13 - ■■G1		494
	393	1 338	1.0	3.77	★ 2KJ1007 - ■NN13 - ■■F1		494
	464	1 132	1.4	3.19	★ 2KJ1007 - ■NN13 - ■■E1		494
	510	1 029	1.4	2.9	★ 2KJ1007 - ■NN13 - ■■D1		494
	692	759	1.6	2.14	★ 2KJ1007 - ■NN13 - ■■B1		494
	902	582	1.6	1.64	★ 2KJ1007 - ■NN13 - ■■A1		494
	E.128-K4-LGI250ZM4E						
	458	1 146	0.87	3.23	★ 2KJ1006 - ■NN13 - ■■F1		470
536	980	1.0	2.76	★ 2KJ1006 - ■NN13 - ■■E1		470	
75	D.188-K4-LGI280S4E						
35	20 716	0.97	42.95	★ 2KJ1211 - ■PG13 - ■■A1		1 103	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg	
75	Z.188-K4-LGI280S4E							
	40	17 793	0.93	36.89	2KJ1111 - ■ PG13 - ■■■ L1		1 069	
	46	15 613	1.2	32.37	2KJ1111 - ■ PG13 - ■■■ K1		1 069	
	51	14 074	1.4	29.18	★ 2KJ1111 - ■ PG13 - ■■■ J1		1 069	
	60	11 947	1.7	24.77	★ 2KJ1111 - ■ PG13 - ■■■ H1		1 069	
	64	11 098	1.8	23.01	2KJ1111 - ■ PG13 - ■■■ G1		1 069	
	75	9 531	2.1	19.76	★ 2KJ1111 - ■ PG13 - ■■■ F1		1 069	
	88	8 132	2.5	16.86	2KJ1111 - ■ PG13 - ■■■ E1		1 069	
	112	6 405	2.9	13.28	★ 2KJ1111 - ■ PG13 - ■■■ D1		1 069	
	139	5 156	3.1	10.69	★ 2KJ1111 - ■ PG13 - ■■■ C1		1 069	
	160	4 481	3.2	9.29	2KJ1111 - ■ PG13 - ■■■ B1		1 069	
	179	4 003	2.7	8.3	2KJ1111 - ■ PG13 - ■■■ A1		1 069	
		Z.168-K4-LGI280S4E						
		51	14 118	0.99	29.27	2KJ1110 - ■ PG13 - ■■■ Q1		939
58		12 463	1.1	25.84	2KJ1110 - ■ PG13 - ■■■ P1		939	
64		11 219	1.2	23.26	★ 2KJ1110 - ■ PG13 - ■■■ N1		939	
77		9 309	1.5	19.3	★ 2KJ1110 - ■ PG13 - ■■■ M1		939	
84		8 489	1.6	17.6	2KJ1110 - ■ PG13 - ■■■ L1		939	
96		7 447	1.8	15.44	★ 2KJ1110 - ■ PG13 - ■■■ K1		939	
112		6 400	2.0	13.27	2KJ1110 - ■ PG13 - ■■■ J1		939	
144		4 987	2.5	10.34	★ 2KJ1110 - ■ PG13 - ■■■ H1		939	
160		4 466	1.8	9.26	★ 2KJ1110 - ■ PG13 - ■■■ G1		939	
181		3 960	2.9	8.21	★ 2KJ1110 - ■ PG13 - ■■■ F1		939	
206		3 473	2.0	7.2	★ 2KJ1110 - ■ PG13 - ■■■ E1		939	
240		2 990	2.5	6.2	★ 2KJ1110 - ■ PG13 - ■■■ D1		939	
265		2 706	2.5	5.61	★ 2KJ1110 - ■ PG13 - ■■■ C1		939	
301		2 378	3.0	4.93	★ 2KJ1110 - ■ PG13 - ■■■ B1		939	
333		2 151	3.0	4.46	★ 2KJ1110 - ■ PG13 - ■■■ A1		939	
	Z.148-K4-LGI280S4E							
	74	9 748	0.82	20.21	★ 2KJ1108 - ■ PG13 - ■■■ P1		775	
	87	8 243	0.97	17.09	★ 2KJ1108 - ■ PG13 - ■■■ N1		775	
	96	7 481	1.1	15.51	2KJ1108 - ■ PG13 - ■■■ M1		775	
	110	6 521	1.2	13.52	★ 2KJ1108 - ■ PG13 - ■■■ L1		775	
	129	5 537	1.4	11.48	2KJ1108 - ■ PG13 - ■■■ K1		775	
	169	4 240	1.9	8.79	★ 2KJ1108 - ■ PG13 - ■■■ J1		775	
	172	4 167	1.2	8.64	★ 2KJ1108 - ■ PG13 - ■■■ H1		775	
	189	3 781	1.3	7.84	2KJ1108 - ■ PG13 - ■■■ G1		775	
	196	3 651	1.5	7.57	★ 2KJ1108 - ■ PG13 - ■■■ F1		775	
	217	3 299	1.5	6.84	★ 2KJ1108 - ■ PG13 - ■■■ E1		775	
	231	3 101	1.7	6.43	2KJ1108 - ■ PG13 - ■■■ D1		775	
	256	2 797	1.5	5.8	2KJ1108 - ■ PG13 - ■■■ C1		775	
	302	2 373	2.1	4.92	★ 2KJ1108 - ■ PG13 - ■■■ B1		775	
334	2 142	1.8	4.44	★ 2KJ1108 - ■ PG13 - ■■■ A1		775		

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

*) For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
75	E.148-K4-LGI280S4E						
	466	1 539	1.0	3.19	★ 2KJ1007 - PG13 - E1		619
	512	1 399	1.0	2.9	2KJ1007 - PG13 - D1		619
90	D.188-K4-LGI280ZM4E						
	35	24 859	0.80	42.95	★ 2KJ1211 - PW13 - A1		1 143
	Z.188-K4-LGI280ZM4E						
	46	18 735	0.98	32.37	2KJ1111 - PW13 - K1		1 109
	51	16 889	1.2	29.18	★ 2KJ1111 - PW13 - J1		1 109
	60	14 337	1.4	24.77	★ 2KJ1111 - PW13 - H1		1 109
	64	13 318	1.5	23.01	2KJ1111 - PW13 - G1		1 109
	75	11 437	1.7	19.76	★ 2KJ1111 - PW13 - F1		1 109
	88	9 758	2.0	16.86	2KJ1111 - PW13 - E1		1 109
	112	7 686	2.4	13.28	★ 2KJ1111 - PW13 - D1		1 109
	139	6 187	2.6	10.69	★ 2KJ1111 - PW13 - C1		1 109
	160	5 377	2.7	9.29	2KJ1111 - PW13 - B1		1 109
	179	4 804	2.2	8.3	2KJ1111 - PW13 - A1		1 109
	Z.168-K4-LGI280ZM4E						
	51	16 941	0.83	29.27	2KJ1110 - PW13 - Q1		979
	58	14 956	0.94	25.84	2KJ1110 - PW13 - P1		979
	64	13 463	1.0	23.26	★ 2KJ1110 - PW13 - N1		979
	77	11 171	1.3	19.3	★ 2KJ1110 - PW13 - M1		979
	84	10 187	1.4	17.6	2KJ1110 - PW13 - L1		979
	96	8 936	1.5	15.44	★ 2KJ1110 - PW13 - K1		979
	112	7 681	1.7	13.27	2KJ1110 - PW13 - J1		979
	144	5 985	2.1	10.34	★ 2KJ1110 - PW13 - H1		979
	160	5 360	1.5	9.26	★ 2KJ1110 - PW13 - G1		979
	181	4 752	2.4	8.21	★ 2KJ1110 - PW13 - F1		979
	206	4 167	1.7	7.2	★ 2KJ1110 - PW13 - E1		979
	240	3 588	2.1	6.2	★ 2KJ1110 - PW13 - D1		979
	265	3 247	2.1	5.61	★ 2KJ1110 - PW13 - C1		979
	301	2 853	2.5	4.93	★ 2KJ1110 - PW13 - B1		979
	333	2 581	2.5	4.46	★ 2KJ1110 - PW13 - A1		979
Z.148-K4-LGI280ZM4E							
87	9 891	0.81	17.09	★ 2KJ1108 - PW13 - N1		815	
96	8 977	0.89	15.51	2KJ1108 - PW13 - M1		815	
110	7 825	1.0	13.52	★ 2KJ1108 - PW13 - L1		815	
129	6 644	1.2	11.48	2KJ1108 - PW13 - K1		815	
169	5 088	1.6	8.79	★ 2KJ1108 - PW13 - J1		815	
172	5 001	0.96	8.64	★ 2KJ1108 - PW13 - H1		815	
189	4 538	1.1	7.84	2KJ1108 - PW13 - G1		815	
196	4 381	1.3	7.57	★ 2KJ1108 - PW13 - F1		815	
217	3 959	1.2	6.84	★ 2KJ1108 - PW13 - E1		815	
231	3 722	1.5	6.43	2KJ1108 - PW13 - D1		815	
256	3 357	1.3	5.8	2KJ1108 - PW13 - C1		815	

★ Preferred transmission ratio

Shaft designs, see page 2/117

1, 2 or 9

Frequency and voltage, see page 8/20

1 to 9

Gearbox housing mounting position, see page 2/119

A, F, H or R

*) For mounting type B3

MOTOX Geared Motors

Helical geared motors

Geared motors up to 200 kW

Selection and ordering data (continued)

Power rating P_{Motor} kW	Output speed n_2 (50 Hz) rpm	Output torque T_2 Nm	Service factor f_B	Gearbox ratio i_{tot}	Order No.	Order code (No. of poles)	Weight ^{*)} kg
90	Z.148-K4-LGI280ZM4E						
	302	2 848	1.8	4.92	★ 2KJ1108 - PW13 - B1		815
	334	2 570	1.5	4.44	★ 2KJ1108 - PW13 - A1		815
	E.148-K4-LGI280ZM4E						
	466	1 846	0.84	3.19	★ 2KJ1007 - PW13 - E1		659
	512	1 678	0.83	2.9	2KJ1007 - PW13 - D1		659
110	Z.188-K2-LGI315S4E						
	88	11 887	1.7	16.86	2KJ1111 - QQ13 - E1		1 289
	112	9 363	2.0	13.28	★ 2KJ1111 - QQ13 - D1		1 289
	139	7 537	2.1	10.69	★ 2KJ1111 - QQ13 - C1		1 289
	160	6 550	2.2	9.29	2KJ1111 - QQ13 - B1		1 289
	180	5 852	1.8	8.3	2KJ1111 - QQ13 - A1		1 289
132	Z.188-K2-LGI315ZM4E						
	88	14 312	1.4	16.86	2KJ1111 - QS13 - E1		1 344
	112	11 273	1.7	13.28	★ 2KJ1111 - QS13 - D1		1 344
	139	9 075	1.8	10.69	★ 2KJ1111 - QS13 - C1		1 344
	160	7 886	1.8	9.29	2KJ1111 - QS13 - B1		1 344
	179	7 046	1.5	8.3	2KJ1111 - QS13 - A1		1 344
160	Z.188-K2-LGI315L4E						
	88	17 348	1.2	16.86	2KJ1111 - QU13 - E1		1 469
	112	13 665	1.4	13.28	★ 2KJ1111 - QU13 - D1		1 469
	139	11 000	1.5	10.69	★ 2KJ1111 - QU13 - C1		1 469
	160	9 559	1.5	9.29	2KJ1111 - QU13 - B1		1 469
	179	8 540	1.3	8.3	2KJ1111 - QU13 - A1		1 469
200	Z.188-K2-LGI315ZLB4E						
	88	21 612	0.93	16.86	2KJ1111 - QV13 - E1		1 584
	112	17 023	1.1	13.28	★ 2KJ1111 - QV13 - D1		1 584
	139	13 703	1.2	10.69	★ 2KJ1111 - QV13 - C1		1 584
	160	11 909	1.2	9.29	2KJ1111 - QV13 - B1		1 584
	180	10 640	1.0	8.3	2KJ1111 - QV13 - A1		1 584

★ Preferred transmission ratio

Shaft designs, see page 2/117

Frequency and voltage, see page 8/20

Gearbox housing mounting position, see page 2/119

^{*)} For mounting type B3

1, 2 or 9

1 to 9

A, F, H or R