



HIGH TECH *line*

1.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.09 kW	$n_1 = 2740 \text{ min}^{-1}$ $n_1 = 1360 \text{ min}^{-1}$ $n_1 = 860 \text{ min}^{-1}$	56A 2 56B 4 63B 6
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806	3.4	1.0	11.8	25/2	56A 2
703	3.9	1.2	10.5	25/2	56A 2
571	4.8	1.4	8.5	25/2	56A 2
453	3.0	1.8	13.6	32/1	56B 4
400	3.4	2.0	5.9	25/2	56B 4
349	3.9	2.3	5.2	25/2	56B 4
302	4.5	2.8	9.6	32/1	56B 4
283	4.8	2.9	4.2	25/2	56B 4
257	5.3	3.2	8.2	32/1	56B 4
243	5.6	3.4	3.6	25/2	56B 4
209	6.5	4.0	5.2	32/1	56B 4
189	7.2	4.3	2.8	25/2	56B 4
156	8.7	5.2	2.3	25/2	56B 4
151	9.0	5.4	2.6	25/2	56B 4
130	10.5	6.3	2.2	25/2	56B 4
101	13.4	8.0	1.9	25/2	56B 4
84	16.2	10	1.5	25/2	56B 4
76	17.9	11	1.4	25/2	56B 4
72	18.9	11	1.7	25/3	56B 4
58	23.4	14	1.4	25/3	56B 4
50	27.2	16	1.3	25/3	56B 4
47	18.1	17.2	3.2	35/2	63B 6
46	59.1	17.6	3.1	35/3	56A 2
43	31.9	19	0.9	25/3	56B 4
40	21.3	20.3	3.0	35/2	63B 6
40	68.1	20.3	2.7	35/3	56A 2
39	35.3	21	0.8	25/3	56B 4
33	41.8	25	0.9	25/3	56B 4
31	43.9	25.8	2.3	35/3	56B 4
27	50.6	29.7	2.0	35/3	56B 4
23	37.2	35.3	3.2	41/2	63B 6
23	59.1	34.7	1.7	35/3	56B 4
20	68.1	40.1	1.5	35/3	56B 4
17.3	49.6	47.1	2.4	41/2	63B 6
17.3	78.6	46.2	1.3	35/3	56B 4
15.8	54.4	50.6	2.4	41/3	63B 6
14.7	92.4	54.3	1.1	35/3	56B 4
14.0	61.3	57.0	2.1	41/3	63B 6
12.5	109.1	64.1	0.9	35/3	56B 4
12.1	70.8	65.8	1.8	41/3	63B 6
10.9	124.3	73.1	0.8	35/3	56B 4
10.4	82.5	76.7	1.6	41/3	63B 6
9.6	89.3	83	2.6	50/3	63B 6
9.5	91.0	84.6	1.4	41/3	63B 6
8.0	107.4	99.8	1.2	41/3	63B 6
7.3	117.6	109	2.0	50/3	63B 6
7.3	118.4	110.0	1.1	41/3	63B 6
6.7	127.5	119	1.8	50/3	63B 6
6.7	128.6	119.5	1.0	41/3	63B 6
6.1	140.0	130.1	0.9	41/3	63B 6
5.9	146.9	137	1.5	50/3	63B 6

1.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.11 kW	$n_1 = 1360 \text{ min}^{-1}$	56C 4
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756	1.8	1.3	16.1	32/1	56C 4
648	2.1	1.6	14.4	32/1	56C 4
544	2.5	1.9	12.7	32/1	56C 4
400	3.4	2.5	4.8	25/2	56C 4
349	3.9	2.9	4.3	25/2	56C 4
283	4.8	3.5	3.5	25/2	56C 4
243	5.6	4.1	3.0	25/2	56C 4
189	7.2	5.3	2.3	25/2	56C 4
156	8.7	6.4	1.9	25/2	56C 4
151	9.0	6.6	2.1	25/2	56C 4
130	10.5	7.7	1.8	25/2	56C 4
101	13.4	10	1.5	25/2	56C 4
84	16.2	12	1.3	25/2	56C 4
76	17.9	13	1.1	25/2	56C 4
72	18.9	14	1.4	25/3	56C 4
58	23.4	17	1.1	25/3	56C 4
50	27.2	20	1.0	25/3	56C 4
31.0	43.9	32	1.9	35/3	56C 4
26.9	50.6	36	1.7	35/3	56C 4
23.0	59.1	42	1.4	35/3	56C 4
20.0	68.1	49	1.2	35/3	56C 4
17.3	78.6	56	1.1	35/3	56C 4
14.7	92.4	66	0.9	35/3	56C 4
12.5	109.1	78	0.8	35/3	56C 4
10.9	124.3	89	0.7	35/3	56C 4

0.13 kW	$n_1 = 2750 \text{ min}^{-1}$ $n_1 = 1360 \text{ min}^{-1}$ $n_1 = 860 \text{ min}^{-1}$	56B 2 63A 4 63C 6
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1100	2.5	1.1	14.7	32/1	56B 2
917	3.0	1.3	13.2	32/1	56B 2
809	3.4	1.5	11.8	32/1	56B 2
809	3.4	1.5	8.2	25/2	56B 2
756	1.8	1.6	13.6	32/1	63A 4
705	3.9	1.7	7.3	25/2	56B 2
648	2.1	1.9	12.2	32/1	63A 4
573	4.8	2.1	5.9	25/2	56B 2
544	2.5	2.2	10.7	32/1	63A 4
491	5.6	2.4	5.1	25/2	56B 2
453	3.0	2.7	9.4	32/1	63A 4
425	3.2	2.8	17.6	40/1	63A 4
400	3.4	2.9	4.1	25/2	63A 4
349	3.9	3.5	7.5	32/1	63A 4
349	3.9	3.4	3.6	25/2	63A 4
338	4.0	3.5	10.9	35/2	63A 4
316	8.7	3.7	3.3	25/2	56B 2
302	4.5	4.0	6.7	32/1	63A 4
283	4.8	4.2	2.9	25/2	63A 4
262	10.5	4.5	2.9	25/2	56B 2

1.7 Leistungen der
Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.13 kW	$n_1 = 2750 \text{ min}^{-1}$ $n_1 = 1360 \text{ min}^{-1}$ $n_1 = 860 \text{ min}^{-1}$	56B 2 63A 4 63C 6
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257	5.3	4.7	5.7	32/1	63A 4
243	5.6	4.9	2.5	25/2	63A 4
221	3.9	5.3	2.4	25/2	63C 6
205	13.4	5.7	2.3	25/2	56B 2
189	7.2	6.2	2.0	25/2	63A 4
170	16.2	6.9	1.9	25/2	56B 2
156	8.7	7.5	1.6	25/2	63A 4
151	9.0	7.8	1.8	25/2	63A 4
132	6.5	9.1	2.5	32/1	63C 6
130	10.5	9.1	1.5	25/2	63A 4
119	7.2	9.9	1.3	25/2	63C 6
101	13.4	12	1.3	25/2	63A 4
86	15.7	14	4.0	35/2	63A 4
84	16.2	14	1.1	25/2	63A 4
76	17.9	16	1.0	25/2	63A 4
75	18.1	16	3.5	35/2	63A 4
58	23.4	20	1.0	25/3	63A 4
54	25.2	22	2.6	35/2	63A 4
50	27.2	23	0.9	25/3	63A 4
47	28.7	25	2.4	35/2	63A 4
41	33.4	29	1.7	35/2	63A 4
36	38.0	33	1.5	35/2	63A 4
30	45.1	39	1.3	35/2	63A 4
27	49.6	43.0	2.4	41/2	63A 4
27	50.6	44	1.4	35/3	63A 4
25	54.4	46.2	2.4	41/3	63A 4
23	59.1	51	1.2	35/3	63A 4
22	61.3	52.0	2.1	41/3	63A 4
20	68.1	59	1.0	35/3	63A 4
19.2	70.8	60.1	1.8	41/3	63A 4
17.5	77.5	66	3.3	50/3	63A 4
17.3	78.6	68	0.9	35/3	63A 4
15.2	89.3	76	2.8	50/3	63A 4
14.9	91.0	77.3	1.4	41/3	63A 4
14.7	92.4	80	0.7	35/3	63A 4
14.0	61.3	82.3	1.5	41/3	63C 6
13.3	102.1	87	2.4	50/3	63A 4
12.7	107.4	91.2	1.2	41/3	63A 4
11.6	117.6	100	2.2	50/3	63A 4
11.5	118.4	100.5	1.1	41/3	63A 4
10.7	127.5	108	2.0	50/3	63A 4
10.6	128.6	109.2	1.0	41/3	63A 4
9.7	140.0	118.9	0.9	41/3	63A 4
9.3	146.9	125	1.7	50/3	63A 4
8.4	102.1	137	1.5	50/3	63C 6
8.0	107.4	144.2	0.8	41/3	63C 6
7.3	117.6	158	1.4	50/3	63C 6
6.7	127.5	171	1.3	50/3	63C 6
5.9	146.9	197	1.1	50/3	63C 6



1.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.18 kW $n_1 = 2760 \text{ min}^{-1}$
 $n_1 = 1370 \text{ min}^{-1}$
 $n_1 = 870 \text{ min}^{-1}$ 63A 2
63B 4
71A 6

1533	1.8	1.1	13.3	32/1	63A 2
1314	2.1	1.3	11.7	32/1	63A 2
1104	2.5	1.5	10.7	32/1	63A 2
920	3.0	1.8	9.6	32/1	63A 2
913	1.5	1.8	19.2	40/1	63B 4
812	3.4	2.1	8.6	32/1	63A 2
761	1.8	2.2	9.9	32/1	63B 4
708	3.9	2.4	7.6	32/1	63A 2
708	3.9	2.3	5.3	25/2	63A 2
652	2.1	2.6	8.8	32/1	63B 4
613	4.5	2.7	6.5	32/1	63A 2
575	4.8	2.8	4.3	25/2	63A 2
548	2.5	3.0	7.8	32/1	63B 4
493	5.6	3.3	3.7	25/2	63A 2
483	1.8	3.4	6.3	32/1	71A 6
457	3.0	3.7	6.8	32/1	63B 4
425	6.5	3.9	4.3	32/1	63A 2
403	3.4	4.1	3.0	25/2	63B 4
383	7.2	4.3	2.9	25/2	63A 2
351	3.9	4.7	5.4	32/1	63B 4
351	3.9	4.6	2.6	25/2	63B 4
317	8.7	5.1	2.4	25/2	63A 2
307	9.0	5.3	2.3	25/2	63A 2
285	4.8	5.7	2.1	25/2	63B 4
263	10.5	6.2	2.1	25/2	63A 2
245	5.6	6.7	1.8	25/2	63B 4
211	6.5	7.9	2.6	32/1	63B 4
190	7.2	8.6	1.4	25/2	63B 4
187	7.3	8.8	5.1	25/2	63B 4
170	16.2	10	1.4	25/2	63A 2
164	5.3	10	2.6	32/1	71A 6
157	8.7	10	1.2	25/2	63B 4
153	5.7	11	3.8	40/1	71A 6
152	9.0	11	1.3	25/2	63B 4
146	18.9	11	1.4	25/3	63A 2
135	10.1	12	4.1	25/2	63B 4
134	6.5	12	1.8	32/1	71A 6
130	10.5	13	1.1	25/2	63B 4
124	7.0	13	2.9	40/1	71A 6
118	23.4	14	1.1	25/3	63A 2
117	11.7	14	3.6	35/2	63B 4
102	13.4	16	0.9	25/2	63B 4
101	13.6	16	3.1	35/2	63B 4
87	15.7	19	2.9	35/2	63B 4
75	18.1	22	2.5	35/2	63B 4
64	21.3	25	2.2	35/2	63B 4
54	25.2	30	1.9	35/2	63B 4
48	28.7	34	1.8	35/2	63B 4
48	28.6	34.1	3.1	41/2	63B 4
43	20.2	37.9	3.0	41/2	71A 6
41	33.4	40	1.3	35/2	63B 4
37	37.2	44.3	2.4	41/2	63B 4
36	38.0	45	1.1	35/2	63B 4
31	43.9	52	1.1	35/3	63B 4

1.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.18 kW $n_1 = 2760 \text{ min}^{-1}$
 $n_1 = 1370 \text{ min}^{-1}$
 $n_1 = 870 \text{ min}^{-1}$ 63A 2
63B 4
71A 6

30	28.6	53.7	2.1	41/2	71A 6
30	45.1	54	0.9	35/2	63B 4
29	30.2	56.7	3.1	45/2	71A 6
28	49.6	59.1	1.8	41/2	63B 4
27	50.6	60	1.0	35/3	63B 4
25	54.4	63.5	1.7	41/3	63B 4
25	54.3	63	3.4	50/3	63B 4
23	59.1	70	0.9	35/3	63B 4
22	61.3	71.5	1.5	41/3	63B 4
21	65.9	77	2.7	50/3	63B 4
19.5	44.6	82.0	2.4	45/3	71A 6
19.4	70.8	82.6	1.3	41/3	63B 4
19.2	71.5	83	2.6	50/3	63B 4
19.0	45.9	86.2	2.1	45/2	71A 6
17.7	77.5	90	2.4	50/3	63B 4
17.5	49.6	93.1	1.2	41/2	71A 6
16.9	51.6	94.8	2.3	45/3	71A 6
16.6	82.5	96.3	1.1	41/3	63B 4
15.3	89.3	104	2.1	50/3	63B 4
15.1	91.0	106.2	1.0	41/3	63B 4
14.4	60.6	111.4	2.0	45/3	71A 6
13.4	102.1	119	1.7	50/3	63B 4
12.8	107.4	125.3	0.9	41/3	63B 4
12.0	72.4	133.0	1.5	45/3	71A 6
12.0	72.7	134	3.4	60/3	71A 6
11.6	117.6	137	1.6	50/3	63B 4
11.6	118.4	138.2	0.8	41/3	63B 4
11.1	78.6	144	3.2	60/3	71A 6
10.9	79.8	146.6	1.5	45/3	71A 6
10.7	127.5	149	1.5	50/3	63B 4
9.6	90.4	166	2.8	60/3	71A 6
9.5	92.0	169.1	1.3	45/3	71A 6
9.3	146.9	171	1.2	50/3	63B 4
8.7	100.2	184	2.3	60/3	71A 6
8.5	102.1	188	1.1	50/3	71A 6
7.7	113.7	208.9	0.9	45/3	71A 6
7.4	117.6	216	1.0	50/3	71A 6
6.8	128.8	237	1.9	60/3	71A 6
6.8	127.5	234	0.9	50/3	71A 6
6.7	129.1	237.2	0.8	45/3	71A 6
6.1	143.0	263	1.6	60/3	71A 6
5.3	164.1	302	1.4	60/3	71A 6

0.22 kW $n_1 = 1400 \text{ min}^{-1}$

63C 4

1167	1.2	1.7	17.2	40/1	63C 4
933	1.5	2.2	16.0	40/1	63C 4
824	1.7	2.5	16.2	40/1	63C 4
778	1.8	2.6	8.3	32/1	63C 4
667	2.1	3.1	7.4	32/1	63C 4
560	2.5	3.6	6.5	32/1	63C 4

1.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.22 kW $n_1 = 1400 \text{ min}^{-1}$

63C 4

467	3.0	4.4	5.7	32/1	63C 4
412	3.4	4.9	5.2	32/1	63C 4
412	3.4	4.8	2.5	25/2	63C 4
359	3.9	5.7	4.5	32/1	63C 4
359	3.9	5.6	2.2	25/2	63C 4
311	4.5	6.6	4.0	32/1	63C 4
292	4.8	6.8	1.8	25/2	63C 4
264	5.3	7.7	3.5	32/1	63C 4
250	5.6	8.0	1.5	25/2	63C 4
215	6.5	9.5	2.2	32/1	63C 4
194	7.2	10	1.2	25/2	63C 4
161	8.7	12	1.0	25/2	63C 4
156	9.0	13	1.1	25/2	63C 4
138	10.1	14.4	3.5	25/2	63C 4
133	10.5	15	0.9	25/2	63C 4
120	11.7	16.6	3.0	35/2	63C 4
103	13.6	19.4	2.6	35/2	63C 4
89	15.7	22.4	2.5	35/2	63C 4
77	18.1	25.9	2.1	35/2	63C 4
69	20.2	28.8	3.6	41/2	63C 4
66	21.3	30.4	1.8	35/2	63C 4
59	23.9	34.1	3.1	41/2	63C 4
56	25.2	35.9	1.6	35/2	63C 4
49	28.7	40.9	1.5	35/2	63C 4
49	28.6	40.8	2.6	41/2	63C 4
42	33.4	47.6	1.1	35/2	63C 4
38	37.2	53.0	2.0	41/2	63C 4
37	38.0	54.2	0.9	35/2	63C 4
31	45.1	64.4	0.8	35/2	63C 4
30	46.2	64	3.3	50/3	63C 4
29	48.9	68	0.9	35/3	63C 4
28	49.6	70.7	1.5	41/2	63C 4
28	50.8	71	3.0	50/3	63C 4
26	54.3	76	2.9	50/3	63C 4
26	54.4	75.9	1.4	41/3	63C 4
23	61.3	85.6	1.3	41/3	63C 4
21	65.9	92	2.3	50/3	63C 4
19.8	70.8	98.8	1.1	41/3	63C 4
19.6	71.5	100	2.2	50/3	63C 4
18.1	77.5	108	2.0	50/3	63C 4
17.0	82.5	115.1	1.0	41/3	63C 4
15.7	89.3	125	1.7	50/3	63C 4
15.4	91.0	127.0	0.9	41/3	63C 4
13.7	102.1	142	1.5	50/3	63C 4
11.9	117.6	164	1.3	50/3	63C 4
11.0	127.5	178	1.2	50/3	63C 4
9.5	146.9	205	1.0	50/3	63C 4



1.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.25 kW		$n_1 = 2790 \text{ min}^{-1}$ $n_1 = 1370 \text{ min}^{-1}$ $n_1 = 870 \text{ min}^{-1}$	63B 2 71A 4 71B 6
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1550	1.8	1.5	9.7	32/1	63B 2
1329	2.1	1.7	8.5	32/1	63B 2
1116	2.5	2.1	7.8	32/1	63B 2
930	3.0	2.5	7.0	32/1	63B 2
821	3.4	2.8	6.2	32/1	63B 2
821	3.4	2.8	4.3	25/2	63B 2
761	1.8	3.0	7.1	32/1	71A 4
715	3.9	3.2	3.8	25/2	63B 2
652	2.1	3.5	6.4	32/1	71A 4
620	4.5	3.7	4.8	32/1	63B 2
581	4.8	3.9	3.1	25/2	63B 2
548	2.5	4.2	5.6	32/1	71A 4
457	3.0	5.1	4.9	32/1	71A 4
429	6.5	5.4	3.1	32/1	63B 2
388	7.2	5.9	2.1	25/2	63B 2
351	3.9	6.6	3.9	32/1	71A 4
348	2.5	6.7	3.6	32/1	71B 6
304	4.5	7.6	3.5	32/1	71A 4
266	10.5	8.5	1.5	25/2	63B 2
258	5.3	9.0	3.0	32/1	71A 4
211	6.5	11	1.9	32/1	71A 4
196	7.0	12	3.2	40/1	71A 4
187	7.3	12	3.7	35/2	71A 4
172	16.2	13	1.0	25/2	63B 2
158	8.7	14	3.5	35/2	71A 4
156	17.9	15	1.0	25/2	63B 2
148	18.9	15	1.0	25/3	63B 2
135	10.1	17	3.0	35/2	71A 4
117	11.7	19	2.6	35/2	71A 4
101	13.6	23	2.2	35/2	71A 4
87	15.7	26	2.1	35/2	71A 4
75	18.1	30	1.8	35/2	71A 4
75	18.3	30.3	3.5	41/2	71A 4
68	20.2	33.4	3.1	41/2	71A 4
64	21.3	35	1.6	35/2	71A 4
57	23.9	39.6	2.7	41/2	71A 4
54	25.2	42	1.4	35/2	71A 4
52	26.6	44.0	3.6	45/2	71A 4
51	27.0	44	1.4	35/3	71A 4
48	28.7	47	1.3	35/2	71A 4
48	28.6	47.3	2.2	41/2	71A 4
45	30.2	50.0	3.2	45/2	71A 4
41	33.4	55	0.9	35/2	71A 4
40	21.5	56.1	3.5	45/2	71B 6
37	37.2	61.6	1.7	41/2	71A 4
37	37.3	61.8	2.8	45/2	71A 4
36	38.0	63	0.8	35/2	71A 4
34	40.5	66	3.2	50/3	71A 4
33	41.4	67.1	3.0	45/3	71A 4
31	44.6	72.3	2.5	45/3	71A 4
30	46.2	75	2.9	50/3	71A 4
30	45.9	76.0	2.2	45/2	71A 4
28	49.6	82.1	1.3	41/2	71A 4
27	50.8	82	2.6	50/3	71A 4

1.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.25 kW		$n_1 = 2790 \text{ min}^{-1}$ $n_1 = 1370 \text{ min}^{-1}$ $n_1 = 870 \text{ min}^{-1}$	63B 2 71A 4 71B 6
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27	51.6	83.6	2.4	45/3	71A 4
25	54.4	88.2	1.2	41/3	71A 4
25	54.3	88	2.5	50/3	71A 4
23	60.6	98.2	2.0	45/3	71A 4
22	61.3	99.3	1.1	41/3	71A 4
21	41.4	105.7	2.1	45/3	71B 6
21	65.9	107	1.9	50/3	71A 4
19.4	70.8	114.7	1.0	41/3	71A 4
19.2	71.5	116	1.9	50/3	71A 4
18.9	72.4	117.3	1.5	45/3	71A 4
17.7	77.5	126	1.7	50/3	71A 4
17.2	79.8	129.3	1.5	45/3	71A 4
16.6	82.5	133.7	0.8	41/3	71A 4
15.3	89.3	145	1.5	50/3	71A 4
15.2	90.4	147	3.1	60/3	71A 4
14.9	92.0	149.1	1.3	45/3	71A 4
13.7	100.2	162	2.6	60/3	71A 4
13.4	102.1	165	1.3	50/3	71A 4
12.2	112.2	182	2.5	60/3	71A 4
12.0	113.7	184.3	1.0	45/3	71A 4
11.6	117.6	191	1.1	50/3	71A 4
10.7	127.5	207	1.0	50/3	71A 4
10.6	129.1	209.2	0.9	45/3	71A 4
10.6	128.8	209	2.2	60/3	71A 4
9.6	143.0	232	1.8	60/3	71A 4
9.5	92.0	234.8	0.9	45/3	71B 6
9.3	146.9	238	0.9	50/3	71A 4
8.3	164.1	266	1.6	60/3	71A 4
6.8	128.8	329	1.4	60/3	71B 6
5.3	164.1	419	1.0	60/3	71B 6

0.37 kW		$n_1 = 2790 \text{ min}^{-1}$ $n_1 = 1380 \text{ min}^{-1}$ $n_1 = 910 \text{ min}^{-1}$ $n_1 = 880 \text{ min}^{-1}$	63C 2 71B 4 80A 6 71C 6
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1860	1.5	1.8	19.0	40/1	63C 2
1641	1.7	2.1	19.2	40/1	63C 2
1550	1.8	2.2	6.6	32/1	63C 2
1329	2.1	2.6	5.8	32/1	63C 2
1116	2.5	3.1	5.2	32/1	63C 2
930	3.0	3.7	4.7	32/1	63C 2
821	3.4	4.2	4.2	32/1	63C 2
821	3.4	4.1	2.9	25/2	63C 2
767	1.8	4.5	4.9	32/1	71B 4
715	3.9	4.8	3.7	32/1	63C 2
715	3.9	4.7	2.6	25/2	63C 2
657	2.1	5.2	4.3	32/1	71B 4
620	4.5	5.5	3.2	32/1	63C 2
581	4.8	5.8	2.1	25/2	63C 2
552	2.5	6.2	3.8	32/1	71B 4
526	5.3	6.5	2.9	32/1	63C 2
498	5.6	6.7	1.8	25/2	63C 2
460	3.0	7.5	3.4	32/1	71B 4

1.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.37 kW		$n_1 = 2790 \text{ min}^{-1}$ $n_1 = 1380 \text{ min}^{-1}$ $n_1 = 910 \text{ min}^{-1}$ $n_1 = 880 \text{ min}^{-1}$	63C 2 71B 4 80A 6 71C 6
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419	2.1	8.2	2.8	32/1	71C 6
406	3.4	8.4	3.1	32/1	71B 4
388	7.2	8.7	1.4	25/2	63C 2
354	3.9	9.7	2.7	32/1	71B 4
343	4.0	10	3.9	35/2	71B 4
321	8.7	10	1.2	25/2	63C 2
310	9.0	11	1.1	25/2	63C 2
307	4.5	11	2.4	32/1	71B 4
294	4.7	11	3.5	35/2	71B 4
260	5.3	13	2.0	32/1	71B 4
259	3.4	13	2.0	32/1	71C 6
255	5.4	13	3.0	35/2	71B 4
242	5.7	14	2.8	40/1	71B 4
218	6.3	15	2.6	35/2	71B 4
212	6.5	16	1.3	32/1	71B 4
197	7.0	17	2.2	40/1	71B 4
188	7.3	18	2.5	35/2	71B 4
159	8.7	21	2.4	35/2	71B 4
136	10.1	25	2.0	35/2	71B 4
131	10.5	25.5	3.5	41/2	71B 4
118	11.7	28	1.8	35/2	71B 4
114	12.1	29.4	3.2	41/2	71B 4
106	13.0	31.6	3.2	41/2	71B 4
101	13.6	33	1.5	35/2	71B 4
90	15.3	37.2	2.8	41/2	71B 4
88	15.7	38	1.4	35/2	71B 4
82	16.9	41.1	3.9	45/2	71B 4
76	18.1	44	1.2	35/2	71B 4
75	18.3	44.5	2.4	41/2	71B 4
74	18.7	45.5	3.8	45/2	71B 4
68	20.2	49.1	2.1	41/2	71B 4
65	21.3	52	1.1	35/2	71B 4
64	21.5	52.3	3.4	45/2	71B 4
58	23.8	58	3.5	50/2	71B 4
58	23.9	58.1	1.8	41/2	71B 4
55	25.2	61	0.9	35/2	71B 4
53	25.9	63	3.2	50/2	71B 4
52	26.6	64.7	2.5	45/2	71B 4
48	28.6	69.6	1.5	41/2	71B 4
48	28.5	68	3.2	50/3	71B 4
48	28.7	70	0.9	35/2	71B 4
46	29.8	72	2.8	50/2	71B 4
46	30.2	73.5	2.2	45/2	71B 4
43	32.4	77	2.8	50/3	71B 4
39	35.6	85	2.5	50/3	71B 4
37	37.2	90.5	1.2	41/2	71B 4
37	37.3	90.7	1.9	45/2	71B 4
34	40.5	96	2.2	50/3	71B 4
33	41.4	98.6	2.0	45/3	71B 4
31	44.6	106.2	1.7	45/3	71B 4
30	45.9	111.7	1.5	45/2	71B 4
30	46.2	110	2.0	50/3	71B 4
28	49.6	120.7	0.9	41/2	71B 4
27	50.8	121	1.8	50/3	71B 4



1.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.37 kW $n_1 = 2790 \text{ min}^{-1}$
 $n_1 = 1380 \text{ min}^{-1}$
 $n_1 = 910 \text{ min}^{-1}$
 $n_1 = 880 \text{ min}^{-1}$ 63C 2
71B 4
80A 6
71C 6

27	51.6	122.9	1.6	45/3	71B 4
25	54.4	129.5	0.8	41/3	71B 4
25	55.2	131	3.5	60/3	71B 4
25	54.3	129	1.7	50/3	71B 4
23	60.3	144	2.9	60/3	71B 4
23	60.6	144.3	1.4	45/3	71B 4
21	65.9	157	1.3	50/3	71B 4
19.3	71.5	170	1.3	50/3	71B 4
19.1	72.4	172.4	1.0	45/3	71B 4
19.0	72.7	173	2.7	60/3	71B 4
17.8	77.5	185	1.2	50/3	71B 4
17.6	78.6	187	2.5	60/3	71B 4
17.3	79.8	190.0	1.1	45/3	71B 4
15.5	89.3	213	1.0	50/3	71B 4
15.3	90.4	215	2.1	60/3	71B 4
15.0	92.0	219.1	0.9	45/3	71B 4
13.8	100.2	239	1.8	60/3	71B 4
13.5	102.1	243	0.9	50/3	71B 4
12.3	112.2	267	1.7	60/3	71B 4
12.3	71.5	267	0.8	50/3	71C 6
10.7	128.8	307	1.5	60/3	71B 4
10.1	90.0	325	3.0	80/3	80A 6
9.7	143.0	341	1.2	60/3	71B 4
8.7	104.8	378	2.6	80/3	80A 6
8.4	164.1	391	1.1	60/3	71B 4
7.8	117.2	423	2.3	80/3	80A 6
7.8	112.2	419	1.1	60/3	71C 6
6.8	134.3	485	2.0	80/3	80A 6
6.8	128.8	481	1.0	60/3	71C 6
6.1	149.3	539	1.8	80/3	80A 6
5.3	171.2	618	1.6	80/3	80A 6

0.55 kW $n_1 = 2800 \text{ min}^{-1}$
 $n_1 = 1380 \text{ min}^{-1}$
 $n_1 = 1390 \text{ min}^{-1}$
 $n_1 = 910 \text{ min}^{-1}$ 71B 2
71C 4
80A 4
80B 6

2333	1.2	2.2	13.7	40/1	71B 2
1867	1.5	2.7	12.8	40/1	71B 2
1647	1.7	3.1	12.9	40/1	71B 2
1556	1.8	3.3	4.4	32/1	71B 2
1333	2.1	3.8	3.9	32/1	71B 2
1150	1.2	4.4	6.8	40/1	71C 4
1120	2.5	4.5	3.5	32/1	71B 2
933	3.0	5.5	3.2	32/1	71B 2
920	1.5	5.5	6.3	40/1	71C 4
812	1.7	6.3	6.4	40/1	71C 4
767	1.8	6.6	3.3	32/1	71C 4
718	3.9	7.1	2.5	32/1	71B 2
657	2.1	7.8	2.9	32/1	71C 4
622	4.5	8.2	2.2	32/1	71B 2
552	2.5	9.2	2.6	32/1	71C 4
528	5.3	10	2.0	32/1	71B 2

1.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.55 kW $n_1 = 2800 \text{ min}^{-1}$
 $n_1 = 1380 \text{ min}^{-1}$
 $n_1 = 1390 \text{ min}^{-1}$
 $n_1 = 910 \text{ min}^{-1}$ 71B 2
71C 4
80A 4
80B 6

460	3.0	11	2.3	32/1	71C 4
443	6.3	11	3.2	35/2	71B 2
406	3.4	13	2.1	32/1	71C 4
405	3.4	12	2.8	35/2	71C 4
354	3.9	14	1.8	32/1	71C 4
343	4.0	15	2.6	35/2	71C 4
307	4.5	17	1.6	32/1	71C 4
294	4.7	17	2.4	35/2	71C 4
282	4.9	18	2.5	40/1	71C 4
260	5.3	20	1.4	32/1	71C 4
255	5.4	20	2.0	35/2	71C 4
242	5.7	21	1.9	40/1	71C 4
238	5.8	21	3.0	50/1	71C 4
218	6.3	23	1.7	35/2	71C 4
212	6.5	24	0.9	32/1	71C 4
209	6.6	24	2.5	50/1	71C 4
197	7.0	26	1.5	40/1	71C 4
188	7.3	27	1.7	35/2	71C 4
185	7.5	26.9	3.0	41/2	80A 4
184	7.5	27.1	2.9	41/2	71C 4
164	8.5	30.5	2.8	41/2	80A 4
162	8.5	30.7	2.8	41/2	71C 4
159	8.7	31	1.6	35/2	71C 4
136	10.1	37	1.4	35/2	71C 4
131	10.5	38.0	2.4	41/2	71C 4
118	11.7	42	1.2	35/2	71C 4
114	12.1	43.8	3.7	45/2	71C 4
114	12.1	43.8	2.2	41/2	71C 4
106	13.0	47.0	2.2	41/2	71C 4
101	13.6	49	1.0	35/2	71C 4
97	14.2	51.3	3.3	45/2	71C 4
95	14.6	53	3.4	50/2	71C 4
90	15.3	55.3	1.9	41/2	71C 4
88	15.7	57	1.0	35/2	71C 4
82	16.8	61	3.1	50/2	71C 4
82	16.9	61.1	2.6	45/2	71C 4
76	18.2	66	2.8	50/2	71C 4
76	18.1	66	0.8	35/2	71C 4
75	18.3	66.2	1.6	41/2	71C 4
74	18.7	67.6	2.6	45/2	71C 4
68	20.2	73.0	1.4	41/2	71C 4
66	20.8	75	2.5	50/2	71C 4
64	21.5	77.7	2.3	45/2	71C 4
58	23.8	86	2.4	50/2	71C 4
58	23.9	86.4	1.2	41/2	71C 4
54	51.6	90.0	2.0	45/3	71B 2
53	25.9	94	2.1	50/2	71C 4
52	26.6	96.2	1.7	45/2	71C 4
48	28.6	103.4	1.0	41/2	71C 4
48	28.5	101	2.1	50/3	71C 4
46	29.8	108	1.9	50/2	71C 4
46	30.2	109.2	1.5	45/2	71C 4
43	32.3	117	3.5	60/2	71C 4
43	32.4	115	1.9	50/3	71C 4

1.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.55 kW $n_1 = 2800 \text{ min}^{-1}$
 $n_1 = 1380 \text{ min}^{-1}$
 $n_1 = 1390 \text{ min}^{-1}$
 $n_1 = 910 \text{ min}^{-1}$ 71B 2
71C 4
80A 4
80B 6

39	35.7	126	3.3	60/3	71C 4
39	35.6	126	1.7	50/3	71C 4
37	37.3	134.9	1.3	45/2	71C 4
34	40.3	143	2.9	60/3	71C 4
34	40.5	143	1.5	50/3	71C 4
33	41.4	146.5	1.4	45/3	71C 4
31	45.1	160	2.9	60/3	71C 4
31	44.6	157.9	1.1	45/3	71C 4
30	45.9	166.0	1.0	45/2	71C 4
30	46.2	164	1.3	50/3	71C 4
27	51.0	181	2.5	60/3	71C 4
27	50.8	180	1.2	50/3	71C 4
27	51.6	182.6	1.1	45/3	71C 4
25	55.2	195	2.4	60/3	71C 4
25	54.3	192	1.1	50/3	71C 4
23	60.3	213	2.0	60/3	71C 4
23	60.6	214.5	0.9	45/3	71C 4
21	65.9	233	0.9	50/3	71C 4
19.3	71.5	253	0.9	50/3	71C 4
19.0	72.7	257	1.8	60/3	71C 4
17.6	78.6	278	1.7	60/3	71C 4
16.9	82.2	289	3.3	80/3	80A 4
15.3	90.4	320	1.4	60/3	71C 4
13.8	100.2	355	1.2	60/3	71C 4
13.3	104.8	368	2.6	80/3	80A 4
12.3	112.2	397	1.2	60/3	71C 4
11.9	117.2	412	2.3	80/3	80A 4
10.7	128.8	456	1.0	60/3	71C 4
10.3	134.3	472	2.0	80/3	80A 4
9.7	143.0	506	0.8	60/3	71C 4
9.3	149.3	525	1.8	80/3	80A 4
8.1	171.2	602	1.6	80/3	80A 4
6.8	134.3	721	1.3	80/3	80B 6
5.3	171.2	919	1.1	80/3	80B 6

0.75 kW $n_1 = 2800 \text{ min}^{-1}$
 $n_1 = 1390 \text{ min}^{-1}$
 $n_1 = 920 \text{ min}^{-1}$
 $n_1 = 910 \text{ min}^{-1}$ 71C 2
80B 4
90S 6
80C 6

2333	1.2	3.0	10.1	40/1	71C 2
1867	1.5	3.7	9.4	40/1	71C 2
1647	1.7	4.2	9.5	40/1	71C 2
1556	1.8	4.5	3.2	32/1	71C 2
1400	2.0	5.0	9.1	40/1	71C 2
1333	2.1	5.2	2.9	32/1	71C 2
1158	1.2	6.0	5.0	40/1	80B 4
1120	2.5	6.2	2.6	32/1	71C 2
933	3.0	7.4	2.3	32/1	71C 2
927	1.5	7.5	4.7	40/1	80B 4
824	3.4	8.4	2.1	32/1	71C 2
772	1.8	9.0	2.4	32/1	80B 4
662	2.1	10	2.2	32/1	80B 4
556	2.5	12	1.9	32/1	80B 4



HIGH TECH

line

1.7 Prestazioni motoriduttori

1.7 Gearmotors performances

1.7 Leistungen der
Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.75 kW $n_1 = 2800 \text{ min}^{-1}$
 $n_1 = 1390 \text{ min}^{-1}$
 $n_1 = 920 \text{ min}^{-1}$
 $n_1 = 910 \text{ min}^{-1}$ 71C 2
80B 4
90S 6
80C 6

535	1.7	13	3.1	40/1	80C 6
463	3.0	15	1.7	32/1	80B 4
455	2.0	15	2.9	40/1	80C 6
434	3.2	16	3.1	40/1	80B 4
409	3.4	17	1.5	32/1	80B 4
408	3.4	17	2.1	35/2	80B 4
376	3.7	18	2.7	40/1	80B 4
356	3.9	19	1.3	32/1	80B 4
350	2.6	20	2.5	40/1	80C 6
346	4.0	20	1.9	35/2	80B 4
309	4.5	22	1.2	32/1	80B 4
296	4.7	23	1.7	35/2	80B 4
284	4.9	24	1.8	40/1	80B 4
273	5.1	25	2.9	50/1	80B 4
262	5.3	26	1.0	32/1	80B 4
257	5.4	27	1.5	35/2	80B 4
244	5.7	28	1.4	40/1	80B 4
240	5.8	29	2.2	50/1	80B 4
220	6.3	31	1.3	35/2	80B 4
211	6.6	33	1.8	50/1	80B 4
199	7.0	35	1.1	40/1	80B 4
189	7.3	36	1.3	35/2	80B 4
188	7.4	36.2	3.6	45/2	80B 4
185	7.5	36.7	2.2	41/2	80B 4
178	5.1	39	1.9	50/1	80C 6
164	8.5	41.6	3.4	45/2	80B 4
164	8.5	41.6	2.0	41/2	80B 4
160	8.7	42	1.2	35/2	80B 4
143	9.7	47.5	3.2	45/2	80B 4
137	10.1	50	1.0	35/2	80B 4
134	10.4	51	3.4	50/2	80B 4
132	10.5	51.4	1.8	41/2	80B 4
119	11.7	57	0.9	35/2	80B 4
115	12.1	59.2	2.7	45/2	80B 4
115	12.1	59.2	1.6	41/2	80B 4
111	12.5	61	2.9	50/2	80B 4
107	13.0	63.6	1.6	41/2	80B 4
98	14.2	69.5	2.4	45/2	80B 4
95	14.6	71	2.5	50/2	80B 4
91	15.3	74.9	1.4	41/2	80B 4
83	16.8	82	2.3	50/2	80B 4
82	16.9	82.7	1.9	45/2	80B 4
76	18.2	89	2.1	50/2	80B 4
76	18.3	89.6	1.2	41/2	80B 4
74	18.7	91.5	1.9	45/2	80B 4
69	20.2	98.9	1.1	41/2	80B 4
67	20.8	102	1.9	50/2	80B 4
65	21.5	105.2	1.7	45/2	80B 4
58	23.9	117.0	0.9	41/2	80B 4
58	23.8	117	1.7	50/2	80B 4
54	25.9	127	1.6	50/2	80B 4
52	26.6	130.2	1.2	45/2	80B 4
49	28.1	138	3.0	60/2	80B 4
49	28.5	137	1.6	50/3	80B 4

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.75 kW $n_1 = 2800 \text{ min}^{-1}$
 $n_1 = 1390 \text{ min}^{-1}$
 $n_1 = 920 \text{ min}^{-1}$
 $n_1 = 910 \text{ min}^{-1}$ 71C 2
80B 4
90S 6
80C 6

47	29.8	146	1.4	50/2	80B 4
46	30.2	147.8	1.1	45/2	80B 4
44	31.6	151	3.0	60/3	80B 4
43	32.3	158	2.6	60/2	80B 4
43	32.4	155	1.4	50/3	80B 4
39	35.7	171	2.5	60/3	80B 4
39	35.6	171	1.2	50/3	80B 4
37	37.3	182.6	0.9	45/2	80B 4
34	40.3	193	2.2	60/3	80B 4
34	40.5	194	1.1	50/3	80B 4
34	41.4	198.4	1.0	45/3	80B 4
31	44.6	213.7	0.8	45/3	80B 4
31	45.1	216	2.1	60/3	80B 4
30	46.2	221	1.0	50/3	80B 4
27	51.0	244	1.9	60/3	80B 4
27	50.8	243	0.9	50/3	80B 4
27	51.6	247.3	0.8	45/3	80B 4
26	54.3	260	0.8	50/3	80B 4
25	55.2	265	1.7	60/3	80B 4
23	60.3	289	1.5	60/3	80B 4
21	65.7	315	3.1	80/3	80B 4
19.1	72.7	348	1.3	60/3	80B 4
18.3	76.0	364	2.7	80/3	80B 4
17.7	78.6	377	1.2	60/3	80B 4
16.9	82.2	394	2.5	80/3	80B 4
15.4	90.0	431	2.2	80/3	80B 4
15.4	90.4	433	1.1	60/3	80B 4
13.9	100.2	480	0.9	60/3	80B 4
13.3	104.8	502	1.9	80/3	80B 4
12.4	112.2	538	0.9	60/3	80B 4
11.9	117.2	562	1.7	80/3	80B 4
10.3	134.3	644	1.5	80/3	80B 4
9.3	149.3	715	1.4	80/3	80B 4
8.1	171.2	820	1.2	80/3	80B 4
7.8	117.2	858	1.1	80/3	80C 6
6.8	134.3	983	1.0	80/3	80C 6
6.1	149.3	1093	0.9	80/3	80C 6
5.1	182.0	1318	2.5	120/3	90S 6
4.1	222.0	1607	2.1	120/3	90S 6
3.3	277.3	2008	1.6	120/3	90S 6

0.88 kW $n_1 = 1350 \text{ min}^{-1}$

80C 4

1125	1.2	7.2	4.1	40/1	80C 4
900	1.5	9.1	3.9	40/1	80C 4
794	1.7	10	3.9	40/1	80C 4
750	1.8	11	2.0	32/1	80C 4
675	2.0	12	3.7	40/1	80C 4
643	2.1	13	1.8	32/1	80C 4
540	2.5	15	1.6	32/1	80C 4

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.88 kW $n_1 = 1350 \text{ min}^{-1}$

80C 4

519	2.6	16	3.2	40/1	80C 4
450	3.0	18	1.4	32/1	80C 4
422	3.2	19	2.6	40/1	80C 4
397	3.4	21	1.3	32/1	80C 4
396	3.4	20.2	1.7	35/2	80C 4
365	3.7	22	2.2	40/1	80C 4
346	3.9	24	1.1	32/1	80C 4
336	4.0	23.8	1.6	35/2	80C 4
300	4.5	27	1.0	32/1	80C 4
287	4.7	27.8	1.4	35/2	80C 4
276	4.9	30	1.5	40/1	80C 4
265	5.1	31	2.4	50/1	80C 4
255	5.3	32	0.8	32/1	80C 4
249	5.4	32	1.2	35/2	80C 4
237	5.7	34	1.2	40/1	80C 4
233	5.8	35	1.9	50/1	80C 4
233	5.8	34.3	3.4	45/2	80C 4
213	6.3	37.4	1.1	35/2	80C 4
211	6.4	37.8	3.2	45/2	80C 4
205	6.6	40	1.5	50/1	80C 4
199	6.8	41	3.0	60/1	80C 4
193	7.0	42	0.9	40/1	80C 4
184	7.3	43.4	1.0	35/2	80C 4
182	7.4	43.8	3.0	45/2	80C 4
180	7.5	44.4	1.8	41/2	80C 4
163	8.3	49	3.2	50/2	80C 4
159	8.5	50.3	2.8	45/2	80C 4
159	8.5	50.3	1.7	41/2	80C 4
156	8.7	51.3	1.0	35/2	80C 4
147	9.2	54	3.0	50/2	80C 4
139	9.7	57.4	2.6	45/2	80C 4
133	10.1	59.9	0.8	35/2	80C 4
130	10.4	62	2.8	50/2	80C 4
129	10.5	62.1	1.4	41/2	80C 4
112	12.1	71.6	2.2	45/2	80C 4
112	12.1	71.6	1.3	41/2	80C 4
108	12.5	74	2.4	50/2	80C 4
104	13.0	76.9	1.3	41/2	80C 4
95	14.2	84.0	2.0	45/2	80C 4
92	14.6	86	2.1	50/2	80C 4
88	15.3	90.5	1.2	41/2	80C 4
80	16.8	99	1.9	50/2	80C 4
80	16.9	99.9	1.6	45/2	80C 4
74	18.3	108	3.5	60/2	80C 4
74	18.2	108	1.7	50/2	80C 4
74	18.3	108.2	1.0	41/2	80C 4
72	18.7	110.6	1.6	45/2	80C 4
69	19.7	117	3.3	60/2	80C 4
67	20.2	119.5	0.9	41/2	80C 4
65	20.8	123	1.5	50/2	80C 4
63	21.5	127.1	1.4	45/2	80C 4
61	22.1	131	3.3	60/2	80C 4
57	23.8	141	1.4	50/2	80C 4
53	25.3	150	3.0	60/2	80C 4



1.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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0.88 kW $n_1 = 1350 \text{ min}^{-1}$

80C 4

52	25.9	153	1.3	50/2	80C 4
51	26.6	157.3	1.0	45/2	80C 4
48	28.0	162	2.8	60/3	80C 4
48	28.1	166	2.5	60/2	80C 4
47	28.5	165	1.3	50/3	80C 4
45	29.8	176	1.1	50/2	80C 4
45	30.2	178.6	0.9	45/2	80C 4
43	31.6	183	2.5	60/3	80C 4
42	32.3	191	2.1	60/2	80C 4
42	32.4	188	1.2	50/3	80C 4
38	35.7	207	2.0	60/3	80C 4
38	35.6	206	1.0	50/3	80C 4
33	40.3	233	1.8	60/3	80C 4
33	40.5	234	0.9	50/3	80C 4
33	41.4	239.7	0.8	45/3	80C 4
30	45.1	261	1.8	60/3	80C 4
29	46.2	267	0.8	50/3	80C 4
27	50.9	295	3.3	80/3	80C 4
26	51.0	295	1.6	60/3	80C 4
25	55.1	319	3.0	80/3	80C 4
24	55.2	320	1.4	60/3	80C 4
22	60.3	349	1.2	60/3	80C 4
21	65.7	380	2.5	80/3	80C 4
18.6	72.7	421	1.1	60/3	80C 4
17.8	76.0	440	2.2	80/3	80C 4
17.2	78.6	455	1.0	60/3	80C 4
16.4	82.2	476	2.0	80/3	80C 4
15.0	90.0	521	1.9	80/3	80C 4
14.9	90.4	523	0.9	60/3	80C 4
12.9	104.8	607	1.6	80/3	80C 4
11.5	117.2	679	1.4	80/3	80C 4
10.1	134.3	778	1.2	80/3	80C 4
9.0	149.3	864	1.1	80/3	80C 4
7.9	171.2	991	1.0	80/3	80C 4

1.1 kW $n_1 = 2830 \text{ min}^{-1}$
 $n_1 = 1390 \text{ min}^{-1}$
 $n_1 = 1400 \text{ min}^{-1}$
 $n_1 = 920 \text{ min}^{-1}$ 80B 2
80D 4
90S 4
90L 6

2358	1.2	4.3	6.9	40/1	80B 2
1887	1.5	5.4	6.5	40/1	80B 2
1665	1.7	6.1	6.5	40/1	80B 2
1572	1.8	6.5	2.2	32/1	80B 2
1415	2.0	7.2	6.2	40/1	80B 2
1348	2.1	7.6	2.0	32/1	80B 2
1286	2.2	7.9	6.3	40/1	80B 2
1158	1.2	8.8	3.4	40/1	80D 4
943	3.0	11	1.6	32/1	80B 2
927	1.5	11	3.2	40/1	80D 4
818	1.7	12	3.2	40/1	80D 4
772	1.8	13	1.6	32/1	80D 4
767	1.2	13	2.3	40/1	90L 6
726	3.9	14	1.3	32/1	80B 2

1.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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1.1 kW $n_1 = 2830 \text{ min}^{-1}$
 $n_1 = 1390 \text{ min}^{-1}$
 $n_1 = 1400 \text{ min}^{-1}$
 $n_1 = 920 \text{ min}^{-1}$ 80B 2
80D 4
90S 4
90L 6

695	2.0	15	3.1	40/1	80D 4
662	2.1	15	1.5	32/1	80D 4
632	2.2	16	3.1	40/1	80D 4
556	2.5	18	1.3	32/1	80D 4
535	2.6	19	2.6	40/1	80D 4
463	3.0	22	1.1	32/1	80D 4
460	2.0	22	2.0	40/1	90L 6
434	3.2	23	2.1	40/1	80D 4
418	2.2	24	2.1	40/1	90L 6
409	3.4	25	1.0	32/1	80D 4
408	3.4	24	1.4	35/2	80D 4
386	3.6	26	3.4	50/1	80D 4
376	3.7	27	1.8	40/1	80D 4
356	3.9	29	3.1	50/1	80D 4
356	3.9	29	0.9	32/1	80D 4
346	4.0	29	1.3	35/2	80D 4
309	4.5	33	0.8	32/1	80D 4
296	4.7	34	1.2	35/2	80D 4
284	4.9	36	1.3	40/1	80D 4
273	5.1	37	2.0	50/1	80D 4
257	5.4	39	1.0	35/2	80D 4
244	5.7	42	1.0	40/1	80D 4
240	5.8	43	1.5	50/1	80D 4
240	5.8	41.6	2.8	45/2	80D 4
236	5.9	43	3.4	60/1	80D 4
221	6.3	45	3.2	50/2	80D 4
220	6.3	45	0.9	35/2	80D 4
217	6.4	45.9	2.6	45/2	80D 4
211	6.6	48	1.2	50/1	80D 4
189	7.3	53	0.9	35/2	80D 4
188	7.4	53	2.9	50/2	80D 4
188	7.4	53.1	2.4	45/2	80D 4
185	7.5	53.8	1.5	41/2	80D 4
167	8.3	60	2.7	50/2	80D 4
164	8.5	61.0	2.3	45/2	80D 4
164	8.5	61.0	1.4	41/2	80D 4
160	8.7	62	0.8	35/2	80D 4
151	9.2	66	2.5	50/2	80D 4
134	10.4	75	2.3	50/2	80D 4
132	10.5	75.4	1.2	41/2	80D 4
115	12.1	86.9	1.8	45/2	80D 4
115	12.1	86.9	1.1	41/2	80D 4
111	12.5	90	1.9	50/2	80D 4
107	13.0	93.3	1.1	41/2	80D 4
98	14.2	102.0	1.7	45/2	80D 4
95	14.6	105	1.7	50/2	80D 4
91	15.3	109.8	1.0	41/2	80D 4
83	16.8	121	1.6	50/2	80D 4
82	16.9	121.3	1.3	45/2	80D 4
76	18.3	131	2.9	60/2	80D 4
76	18.2	131	1.4	50/2	80D 4
76	18.3	131.4	0.8	41/2	80D 4
74	18.7	134.3	1.3	45/2	80D 4
71	19.7	141	2.7	60/2	80D 4

1.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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1.1 kW $n_1 = 2830 \text{ min}^{-1}$
 $n_1 = 1390 \text{ min}^{-1}$
 $n_1 = 1400 \text{ min}^{-1}$
 $n_1 = 920 \text{ min}^{-1}$ 80B 2
80D 4
90S 4
90L 6

67	20.8	149	1.3	50/2	80D 4
65	21.5	154.4	1.2	45/2	80D 4
63	22.1	159	2.7	60/2	80D 4
58	23.8	171	1.2	50/2	80D 4
55	25.3	182	2.5	60/2	80D 4
54	25.9	186	1.1	50/2	80D 4
49	28.1	202	2.0	60/2	80D 4
47	29.8	214	0.9	50/2	80D 4
43	32.3	232	1.8	60/2	80D 4
43	32.4	228	0.9	50/3	80D 4
39	35.7	251	1.7	60/3	80D 4
39	35.6	250	0.8	50/3	80D 4
39	23.8	258	0.8	50/2	90L 6
34	40.3	283	3.4	80/3	80D 4
34	40.3	283	1.5	60/3	80D 4
33	28.1	305	1.3	60/2	90L 6
32	44.0	309	3.1	80/3	80D 4
31	45.1	317	1.5	60/3	80D 4
27	50.9	358	2.7	80/3	80D 4
27	51.0	358	1.3	60/3	80D 4
25	55.1	387	2.5	80/3	80D 4
25	55.2	388	1.2	60/3	80D 4
23	60.3	424	1.0	60/3	80D 4
21	65.7	462	2.1	80/3	80D 4
19.1	72.7	511	0.9	60/3	80D 4
18.3	76.0	534	1.8	80/3	80D 4
17.7	78.6	552	0.8	60/3	80D 4
16.9	82.2	578	1.7	80/3	80D 4
15.4	90.0	633	1.5	80/3	80D 4
15.2	91.9	641	3.1	100/3	90S 4
13.3	104.8	737	1.3	80/3	80D 4
11.9	117.8	822	2.4	100/3	90S 4
11.9	117.2	824	1.2	80/3	80D 4
10.8	129.5	904	2.2	100/3	90S 4
10.3	134.3	944	1.0	80/3	80D 4
9.8	142.9	997	3.3	120/3	90S 4
9.5	147.2	1027	1.9	100/3	90S 4
9.4	149.3	1042	0.9	80/3	90S 4
9.3	149.3	1049	0.9	80/3	80D 4
8.7	161.8	1129	1.8	100/3	90S 4
8.1	171.2	1203	0.8	80/3	80D 4
8.0	175.7	1226	2.7	120/3	90S 4
7.1	197.1	1375	2.4	120/3	90S 4
7.1	129.5	1375	1.4	100/3	90L 6
6.3	222.0	1549	2.1	120/3	90S 4
6.3	147.2	1563	1.3	100/3	90L 6
5.0	277.3	1935	1.7	120/3	90S 4
4.1	222.0	2357	1.4	120/3	90L 6
3.3	277.3	2945	1.1	120/3	90L 6



HIGH TECH *line*

1.7 Prestazioni motoriduttori

1.7 Gearmotors performances

1.7 Leistungen der
Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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1.5 kW					$n_1 = 2830 \text{ min}^{-1}$ 80C 2 $n_1 = 1400 \text{ min}^{-1}$ 90L 4 $n_1 = 940 \text{ min}^{-1}$ 100A 6 $n_1 = 925 \text{ min}^{-1}$ 90LB 6
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2358	1.2	6.0	5.1	40/1	80C 2
1887	1.5	7.0	4.8	40/1	80C 2
1665	1.7	8.0	4.8	40/1	80C 2
1572	1.8	9.0	1.6	32/1	80C 2
1167	1.2	12	2.5	40/1	90L 4
1132	2.5	12	1.3	32/1	80C 2
943	3.0	15	1.2	32/1	80C 2
933	1.5	15	2.4	40/1	90L 4
884	3.2	16	3.2	40/1	80C 2
824	1.7	17	2.4	40/1	90L 4
783	1.2	18	1.7	40/1	100A 6
765	3.7	18	2.8	40/1	80C 2
700	2.0	20	2.3	40/1	90L 4
636	2.2	22	2.3	40/1	90L 4
578	4.9	24	1.9	40/1	80C 2
560	2.5	25	3.2	50/1	90L 4
538	2.6	26	1.9	40/1	90L 4
500	2.8	28	3.1	50/1	90L 4
452	3.1	31	2.9	50/1	90L 4
438	3.2	32	1.6	40/1	90L 4
424	3.3	33	2.7	50/1	90L 4
389	3.6	36	2.5	50/1	90L 4
378	3.7	37	1.4	40/1	90L 4
359	3.9	39	2.3	50/1	90L 4
286	4.9	49	0.9	40/1	90L 4
275	5.1	51	1.5	50/1	90L 4
269	5.2	52	3.2	60/1	90L 4
241	5.8	56.4	2.0	45/2	90L 4
241	5.8	58	1.1	50/1	90L 4
237	5.9	59	2.5	60/1	90L 4
222	6.3	61	2.4	50/2	90L 4
219	6.4	62.2	1.9	45/2	90L 4
212	6.6	66	0.9	50/1	90L 4
206	6.8	67	1.9	60/1	90L 4
189	7.4	71.9	1.8	45/2	90L 4
189	7.4	72	2.1	50/2	90L 4
187	7.5	72.9	1.1	41/2	90L 4
169	8.3	81	2.0	50/2	90L 4
165	8.5	82.6	1.7	45/2	90L 4
165	8.5	82.6	1.0	41/2	90L 4
152	9.2	89	1.8	50/2	90L 4
144	9.7	94.3	1.6	45/2	90L 4
135	10.4	101	1.7	50/2	90L 4
133	10.5	102.1	0.9	41/2	90L 4
124	11.3	110	3.3	60/2	90L 4
116	12.1	117.6	1.4	45/2	90L 4
116	12.1	117.6	0.8	41/2	90L 4
113	12.4	121	3.1	60/2	90L 4
112	12.5	122	1.4	50/2	90L 4
108	13.0	126.4	0.8	41/2	90L 4
99	14.2	138.0	1.2	45/2	90L 4
98	14.3	139	2.8	60/2	90L 4
96	14.6	142	1.3	50/2	90L 4
90	15.5	151	2.7	60/2	90L 4

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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1.5 kW					$n_1 = 2830 \text{ min}^{-1}$ 80C 2 $n_1 = 1400 \text{ min}^{-1}$ 90L 4 $n_1 = 940 \text{ min}^{-1}$ 100A 6 $n_1 = 925 \text{ min}^{-1}$ 90LB 6
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83	16.8	163	1.2	50/2	90L 4
83	16.9	164.3	1.0	45/2	90L 4
77	18.3	178	2.1	60/2	90L 4
77	18.2	177	1.0	50/2	90L 4
75	18.7	181.8	1.0	45/2	90L 4
71	19.7	191	2.0	60/2	90L 4
67	20.8	202	0.9	50/2	90L 4
65	21.5	209.0	0.9	45/2	90L 4
63	22.1	215	2.0	60/2	90L 4
59	23.8	231	0.9	50/2	90L 4
55	25.3	246	1.8	60/2	90L 4
50	28.1	273	1.5	60/2	90L 4
48	28.9	281	3.3	80/2	90L 4
44	31.8	309	3.0	80/2	90L 4
43	32.3	314	1.3	60/2	90L 4
39	35.7	340	2.8	80/3	90L 4
39	35.7	340	1.2	60/3	90L 4
35	40.3	383	2.5	80/3	90L 4
35	40.3	383	1.1	60/3	90L 4
32	44.0	419	2.3	80/3	90L 4
31	45.1	429	1.1	60/3	90L 4
28	50.9	484	2.0	80/3	90L 4
27	51.0	485	0.9	60/3	90L 4
25	55.1	524	1.8	80/3	90L 4
25	55.2	525	0.9	60/3	90L 4
22	64.5	614	3.2	100/3	90L 4
21	65.7	625	1.5	80/3	90L 4
19.0	73.6	700	2.8	100/3	90L 4
18.4	76.0	723	1.3	80/3	90L 4
17.7	78.9	751	2.6	100/3	90L 4
17.0	82.2	782	1.2	80/3	90L 4
15.6	90.0	856	1.1	80/3	90L 4
15.2	91.9	875	2.3	100/3	90L 4
14.2	98.6	938	2.1	100/3	90L 4
13.6	102.6	976	3.4	120/3	90L 4
13.4	104.8	997	1.0	80/3	90L 4
12.2	114.4	1089	3.0	120/3	90L 4
11.9	117.8	1121	1.8	100/3	90L 4
11.9	117.2	1115	0.9	80/3	90L 4
11.2	124.9	1189	2.8	120/3	90L 4
10.8	129.5	1232	1.6	100/3	90L 4
9.8	142.9	1360	2.4	120/3	90L 4
9.5	147.2	1401	1.4	100/3	90L 4
9.4	98.6	1420	1.4	100/3	90LB 6
9.0	156.0	1484	2.2	120/3	90L 4
8.7	161.8	1540	1.3	100/3	90L 4
8.0	175.7	1672	2.0	120/3	90L 4
7.9	117.8	1697	1.2	100/3	90LB 6
7.7	182.0	1732	1.9	120/3	90L 4
7.1	197.1	1876	1.8	120/3	90L 4
7.1	129.5	1865	1.1	100/3	90LB 6
6.8	205.0	1951	1.7	120/3	90L 4
6.4	147.2	2086	1.0	100/3	100A 6
6.3	222.0	2113	1.6	120/3	90L 4

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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1.5 kW					$n_1 = 2830 \text{ min}^{-1}$ 80C 2 $n_1 = 1400 \text{ min}^{-1}$ 90L 4 $n_1 = 940 \text{ min}^{-1}$ 100A 6 $n_1 = 925 \text{ min}^{-1}$ 90LB 6
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5.7	161.8	2330	0.9	100/3	90LB 6
5.0	277.3	2639	1.3	120/3	90L 4
4.2	222.0	3197	1.0	120/3	90LB 6
3.3	277.3	3994	0.8	120/3	90LB 6

1.8 kW					$n_1 = 2770 \text{ min}^{-1}$ 80D 2 $n_1 = 1400 \text{ min}^{-1}$ 90LB 4 $n_1 = 940 \text{ min}^{-1}$ 100B 6
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2308	1.2	7.0	4.2	40/1	80D 2
1847	1.5	9.0	3.9	40/1	80D 2
1629	1.7	10	3.9	40/1	80D 2
1539	1.8	11	1.3	32/1	80D 2
1167	1.2	14	2.1	40/1	90LB 4
1077	1.3	15	3.6	50/1	90LB 4
933	1.5	18	3.5	50/1	90LB 4
933	1.5	18	2.0	40/1	90LB 4
824	1.7	20	2.0	40/1	90LB 4
749	3.7	22	2.2	40/1	80D 2
700	2.0	24	3.4	50/1	90LB 4
700	2.0	24	1.9	40/1	90LB 4
636	2.2	26	1.9	40/1	90LB 4
627	1.5	27	2.4	50/1	100B 6
560	2.5	30	2.7	50/1	90LB 4
538	2.6	31	1.6	40/1	90LB 4
500	2.8	33	2.5	50/1	90LB 4
452	3.1	37	2.4	50/1	90LB 4
438	3.2	38	1.3	40/1	90LB 4
424	3.3	39	2.3	50/1	90LB 4
389	3.6	43	2.1	50/1	90LB 4
378	3.7	44	1.1	40/1	90LB 4
359	3.9	46	1.9	50/1	90LB 4
298	4.7	56	3.0	60/1	90LB 4
275	5.1	61	1.2	50/1	90LB 4
269	5.2	62	2.6	60/1	90LB 4
241	5.8	67.7	1.7	45/2	90LB 4
241	5.8	69	0.9	50/1	90LB 4
237	5.9	70	2.1	60/1	90LB 4
222	6.3	73	2.0	50/2	90LB 4
219	6.4	74.7	1.6	45/2	90LB 4
206	6.8	81	1.5	60/1	90LB 4
189	7.4	86.3	1.5	45/2	90LB 4
189	7.4	86	1.8	50/2	90LB 4
187	7.5	87.5	0.9	41/2	90LB 4
169	8.3	97	1.6	50/2	90LB 4
165	8.5	99.1	1.4	45/2	90LB 4
165	8.5	99.1	0.9	41/2	90LB 4
157	8.9	104	3.4	60/2	90LB 4
144	9.7	113.1	1.3	45/2	90LB 4
139	10.1	118	3.0	60/2	90LB 4
135	10.4	121	1.4	50/2	90LB 4



1.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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1.8 kW $n_1 = 2770 \text{ min}^{-1}$
 $n_1 = 1400 \text{ min}^{-1}$
 $n_1 = 940 \text{ min}^{-1}$ 80D 2
90LB 4
100B 6

124	11.3	132	2.8	60/2	90LB 4
116	12.1	141.1	1.1	45/2	90LB 4
113	12.4	145	2.6	60/2	90LB 4
112	12.5	146	1.2	50/2	90LB 4
99	14.2	165.6	1.0	45/2	90LB 4
96	14.6	170	1.1	50/2	90LB 4
90	15.5	181	2.2	60/2	90LB 4
83	16.8	196	1.0	50/2	90LB 4
83	16.9	197.1	0.8	45/2	90LB 4
77	18.3	213	1.8	60/2	90LB 4
77	18.2	212	0.9	50/2	90LB 4
75	18.7	218.1	0.8	45/2	90LB 4
71	19.7	230	1.7	60/2	90LB 4
63	22.1	258	1.7	60/2	90LB 4
62	22.7	265	3.4	80/2	90LB 4
56	24.9	290	3.2	80/2	90LB 4
55	25.3	295	1.5	60/2	90LB 4
50	28.1	328	1.3	60/2	90LB 4
48	28.9	337	2.8	80/2	90LB 4
44	31.8	371	2.5	80/2	90LB 4
43	32.3	377	1.1	60/2	90LB 4
39	35.7	408	2.4	80/3	90LB 4
39	35.7	408	1.0	60/3	90LB 4
35	40.3	460	2.1	80/3	90LB 4
35	40.3	460	0.9	60/3	90LB 4
32	44.0	502	1.9	80/3	90LB 4
31	45.1	515	0.9	60/3	90LB 4
28	50.9	581	1.7	80/3	90LB 4
27	52.8	603	3.3	100/3	90LB 4
25	56.7	647	3.1	100/3	90LB 4
25	55.1	629	1.5	80/3	90LB 4
22	64.5	737	2.7	100/3	90LB 4
21	65.7	750	1.3	80/3	90LB 4
19.0	73.6	840	2.4	100/3	90LB 4
18.4	76.0	868	1.1	80/3	90LB 4
17.7	78.9	901	2.2	100/3	90LB 4
17.0	82.2	939	3.5	120/3	90LB 4
17.0	82.2	939	1.0	80/3	90LB 4
15.6	90.0	1028	0.9	80/3	90LB 4
15.4	90.7	1036	3.2	120/3	90LB 4
15.2	91.9	1049	1.9	100/3	90LB 4
14.2	98.6	1126	1.8	100/3	90LB 4
13.6	102.6	1172	2.8	120/3	90LB 4
13.4	104.8	1197	0.8	80/3	90LB 4
12.2	114.4	1306	2.5	120/3	90LB 4
11.9	117.8	1345	1.5	100/3	90LB 4
11.2	124.9	1426	2.3	120/3	90LB 4
10.8	129.5	1479	1.3	100/3	90LB 4
9.8	142.9	1632	2.0	120/3	90LB 4
9.5	147.2	1681	1.2	100/3	90LB 4
9.0	156.0	1781	1.9	120/3	90LB 4
8.7	161.8	1848	1.1	100/3	90LB 4
8.0	175.7	2006	1.6	120/3	90LB 4
7.7	182.0	2078	1.6	120/3	90LB 4

1.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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1.8 kW $n_1 = 2770 \text{ min}^{-1}$
 $n_1 = 1400 \text{ min}^{-1}$
 $n_1 = 940 \text{ min}^{-1}$ 80D 2
90LB 4
100B 6

7.1	197.1	2251	1.5	120/3	90LB 4
6.8	205.0	2341	1.4	120/3	90LB 4
6.3	222.0	2535	1.3	120/3	90LB 4
5.5	256.0	2923	1.1	120/3	90LB 4
5.0	277.3	3167	1.0	120/3	90LB 4
4.2	222.0	3776	0.9	120/3	100B 6

2.2 kW $n_1 = 2840 \text{ min}^{-1}$
 $n_1 = 1410 \text{ min}^{-1}$ 90L 2
100A 4

2367	1.2	9.0	3.5	40/1	90L 2
1893	1.5	11	3.3	40/1	90L 2
1671	1.7	12	3.3	40/1	90L 2
1420	2.0	14	3.1	40/1	90L 2
1291	2.2	16	3.2	40/1	90L 2
1175	1.2	17	1.7	40/1	100A 4
1085	1.3	19	2.9	50/1	100A 4
940	1.5	22	2.9	50/1	100A 4
940	1.5	22	1.6	40/1	100A 4
829	1.7	25	1.6	40/1	100A 4
783	1.8	26	3.1	50/1	100A 4
705	2.0	29	2.8	50/1	100A 4
705	2.0	29	1.6	40/1	100A 4
641	2.2	32	1.6	40/1	100A 4
564	2.5	36	2.2	50/1	100A 4
542	2.6	38	1.3	40/1	100A 4
504	2.8	40	2.1	50/1	100A 4
455	3.1	45	2.0	50/1	100A 4
441	3.2	46	1.1	40/1	100A 4
427	3.3	48	1.9	50/1	100A 4
415	3.4	49	3.5	60/1	100A 4
392	3.6	52	3.3	60/1	100A 4
392	3.6	52	1.7	50/1	100A 4
381	3.7	53	0.9	40/1	100A 4
362	3.9	56	1.6	50/1	100A 4
300	4.7	68	2.5	60/1	100A 4
276	5.1	74	1.0	50/1	100A 4
271	5.2	75	2.2	60/1	100A 4
243	5.8	82.1	1.4	45/2	100A 4
239	5.9	85	1.7	60/1	100A 4
224	6.3	89	1.6	50/2	100A 4
220	6.4	90.6	1.3	45/2	100A 4
220	6.4	93	3.6	80/1	100A 4
207	6.8	98	1.3	60/1	100A 4
191	7.4	104.8	1.2	45/2	100A 4
178	7.9	112	3.0	60/2	100A 4
170	8.3	117	1.3	50/2	100A 4
166	8.5	120.3	1.2	45/2	100A 4
158	8.9	126	2.8	60/2	100A 4
153	9.2	130	1.3	50/2	100A 4

1.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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2.2 kW $n_1 = 2840 \text{ min}^{-1}$
 $n_1 = 1410 \text{ min}^{-1}$ 90L 2
100A 4

145	9.7	137.3	1.1	45/2	100A 4
140	10.1	143	2.5	60/2	100A 4
136	10.4	147	1.2	50/2	100A 4
125	11.3	160	2.3	60/2	100A 4
117	12.1	171.3	0.9	45/2	100A 4
114	12.4	176	2.1	60/2	100A 4
113	12.5	177	1.0	50/2	100A 4
99	14.2	201.0	0.8	45/2	100A 4
99	14.3	202	1.9	60/2	100A 4
97	14.6	207	0.9	50/2	100A 4
91	15.5	219	1.8	60/2	100A 4
78	18.1	256	3.4	80/2	100A 4
77	18.3	259	1.5	60/2	100A 4
73	19.4	275	3.2	80/2	100A 4
72	19.7	279	1.4	60/2	100A 4
64	22.1	313	1.4	60/2	100A 4
62	22.7	321	2.8	80/2	100A 4
57	24.9	352	2.7	80/2	100A 4
56	25.3	358	1.3	60/2	100A 4
50	28.1	398	1.0	60/2	100A 4
49	28.9	409	2.3	80/2	100A 4
44	31.8	450	2.1	80/2	100A 4
44	32.3	457	0.9	60/2	100A 4
39	35.7	495	2.0	80/3	100A 4
39	35.7	495	0.8	60/3	100A 4
35	40.6	563	3.5	100/3	100A 4
35	40.3	558	1.7	80/3	100A 4
32	44.0	610	1.6	80/3	100A 4
31	45.2	626	3.2	100/3	100A 4
28	50.9	705	1.4	80/3	100A 4
27	52.8	732	2.7	100/3	100A 4
26	55.1	764	1.3	80/3	100A 4
25	56.7	786	2.5	100/3	100A 4
22	64.5	894	2.2	100/3	100A 4
21	65.7	910	1.1	80/3	100A 4
19.4	72.6	1006	3.3	120/3	100A 4
19.2	73.6	1020	1.9	100/3	100A 4
18.6	76.0	1053	0.9	80/3	100A 4
18.1	77.7	1077	3.1	120/3	100A 4
17.9	78.9	1093	1.8	100/3	100A 4
17.2	82.2	1139	2.9	120/3	100A 4
17.2	82.2	1139	0.8	80/3	100A 4
15.5	90.7	1257	2.6	120/3	100A 4
15.3	91.9	1274	1.6	100/3	100A 4
14.3	98.6	1366	1.5	100/3	100A 4
13.7	102.6	1422	2.3	120/3	100A 4
12.3	114.4	1585	2.1	120/3	100A 4
12.0	117.8	1632	1.2	100/3	100A 4
11.3	124.9	1731	1.9	120/3	100A 4
10.9	129.5	1795	1.1	100/3	100A 4
9.9	142.9	1980	1.7	120/3	100A 4
9.6	147.2	2040	1.0	100/3	100A 4
9.0	156.0	2162	1.5	120/3	100A 4
8.7	161.8	2242	0.9	100/3	100A 4

HIGH TECH *line*

1.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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2.2 kW $n_1 = 2840 \text{ min}^{-1}$
 $n_1 = 1410 \text{ min}^{-1}$ 90L 2
100A 4

8.0	175.7	2435	1.4	120/3	100A 4
7.7	182.0	2522	1.3	120/3	100A 4
7.2	197.1	2731	1.2	120/3	100A 4
6.9	205.0	2841	1.2	120/3	100A 4
6.4	222.0	3076	1.1	120/3	100A 4
5.5	256.0	3548	0.9	120/3	100A 4
5.1	277.3	3843	0.9	120/3	100A 4

3 kW $n_1 = 2840 \text{ min}^{-1}$
 $n_1 = 1420 \text{ min}^{-1}$ 90LB 2
100B 4

2367	1.2	12	2.6	40/1	90LB 2
1893	1.5	15	2.4	40/1	90LB 2
1671	1.7	17	2.4	40/1	90LB 2
1420	2.0	20	2.3	40/1	90LB 2
1291	2.2	22	2.3	40/1	90LB 2
1183	1.2	23	1.3	40/1	100B 4
1092	1.3	25	2.2	50/1	100B 4
947	1.5	29	2.1	50/1	100B 4
947	1.5	29	1.2	40/1	100B 4
835	1.7	33	1.2	40/1	100B 4
789	1.8	35	2.3	50/1	100B 4
710	2.0	39	2.0	50/1	100B 4
710	2.0	39	1.1	40/1	100B 4
645	2.2	43	1.2	40/1	100B 4
568	2.5	49	1.6	50/1	100B 4
546	2.6	51	1.0	40/1	100B 4
526	2.7	53	3.2	60/1	100B 4
507	2.8	55	1.6	50/1	100B 4
490	2.9	57	3.0	60/1	100B 4
458	3.1	61	1.5	50/1	100B 4
430	3.3	65	1.4	50/1	100B 4
418	3.4	67	2.6	60/1	100B 4
394	3.6	70	2.4	60/1	100B 4
394	3.6	70	1.3	50/1	100B 4
364	3.9	76	1.2	50/1	100B 4
302	4.7	92	1.8	60/1	100B 4
296	4.8	94	3.5	80/1	100B 4
273	5.2	102	1.6	60/1	100B 4
268	5.3	104	3.2	80/1	100B 4
245	5.8	114	2.9	80/1	100B 4
245	5.8	111.2	1.0	45/2	100B 4
241	5.9	115	1.3	60/1	100B 4
225	6.3	121	1.2	50/2	100B 4
222	6.4	125	2.6	80/1	100B 4
222	6.4	122.7	1.0	45/2	100B 4
209	6.8	133	0.9	60/1	100B 4
192	7.4	142	1.1	50/2	100B 4
192	7.4	141.8	0.9	45/2	100B 4
180	7.9	151	2.2	60/2	100B 4
171	8.3	159	1.0	50/2	100B 4

1.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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3 kW $n_1 = 2840 \text{ min}^{-1}$
 $n_1 = 1420 \text{ min}^{-1}$ 90LB 2
100B 4

167	8.5	162.9	0.9	45/2	100B 4
154	9.2	176	0.9	50/2	100B 4
146	9.7	185.9	0.8	45/2	100B 4
141	10.1	194	1.9	60/2	100B 4
137	10.4	199	0.9	50/2	100B 4
126	11.3	217	1.7	60/2	100B 4
115	12.4	238	3.3	80/2	100B 4
115	12.4	238	1.6	60/2	100B 4
100	14.2	272	3.0	80/2	100B 4
99	14.3	274	1.4	60/2	100B 4
93	15.2	291	2.9	80/2	100B 4
92	15.5	297	1.4	60/2	100B 4
78	18.1	347	2.5	80/2	100B 4
78	18.3	351	1.1	60/2	100B 4
73	19.4	372	2.4	80/2	100B 4
72	19.7	378	1.0	60/2	100B 4
64	22.1	424	1.0	60/2	100B 4
63	22.7	435	2.1	80/2	100B 4
57	24.9	477	2.0	80/2	100B 4
56	25.3	485	0.9	60/2	100B 4
51	28.0	525	0.9	60/3	100B 4
49	28.9	554	1.7	80/2	100B 4
45	31.8	610	1.5	80/2	100B 4
44	32.5	610	3.3	100/3	100B 4
40	35.7	670	1.4	80/3	100B 4
39	36.4	683	2.9	100/3	100B 4
35	40.6	762	2.6	100/3	100B 4
35	40.3	756	1.3	80/3	100B 4
32	44.0	826	1.2	80/3	100B 4
31	45.2	848	2.3	100/3	100B 4
28	50.9	955	1.0	80/3	100B 4
27	52.8	991	2.0	100/3	100B 4
26	55.1	1034	0.9	80/3	100B 4
25	57.1	1071	3.1	120/3	100B 4
25	56.7	1064	1.9	100/3	100B 4
23	62.2	1167	2.8	120/3	100B 4
22	64.5	1210	1.6	100/3	100B 4
19.6	72.6	1362	2.4	120/3	100B 4
19.3	73.6	1381	1.4	100/3	100B 4
18.3	77.7	1458	2.3	120/3	100B 4
18.0	78.9	1430	1.3	100/3	100B 4
17.3	82.2	1542	2.1	120/3	100B 4
15.7	90.7	1702	1.9	120/3	100B 4
15.5	91.9	1724	1.2	100/3	100B 4
14.4	98.6	1850	1.1	100/3	100B 4
13.8	102.6	1925	1.7	120/3	100B 4
12.4	114.4	2147	1.5	120/3	100B 4
12.1	117.8	2210	0.9	100/3	100B 4
11.4	124.9	2344	1.4	120/3	100B 4
11.0	129.5	2430	0.8	100/3	100B 4
9.9	142.9	2681	1.2	120/3	100B 4
9.1	156.0	2927	1.1	120/3	100B 4
8.1	175.7	3297	1.0	120/3	100B 4
7.8	182.0	3415	1.0	120/3	100B 4

1.7 Leistungen der
Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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3 kW $n_1 = 2840 \text{ min}^{-1}$
 $n_1 = 1420 \text{ min}^{-1}$ 90LB 2
100B 4

7.2	197.1	3698	0.9	120/3	100B 4
6.9	205.0	3847	0.9	120/3	100B 4

4 kW $n_1 = 2860 \text{ min}^{-1}$
 $n_1 = 1410 \text{ min}^{-1}$ 100B 2
100BL 4

2383	1.2	16	1.9	40/1	100B 2
2200	1.3	17	3.3	50/1	100B 2
1907	1.5	19	3.2	50/1	100B 2
1907	1.5	19	1.8	40/1	100B 2
1682	1.7	22	1.8	40/1	100B 2
1589	1.8	23	3.4	50/1	100B 2
1430	2.0	26	3.1	50/1	100B 2
1430	2.0	26	1.7	40/1	100B 2
1300	2.2	29	1.8	40/1	100B 2
1175	1.2	32	1.0	40/1	100BL 4
1085	1.3	34	1.6	50/1	100BL 4
940	1.5	39	1.6	50/1	100BL 4
940	1.5	39	0.9	40/1	100BL 4
881	1.6	42	3.3	60/1	100BL 4
829	1.7	45	0.9	40/1	100BL 4
783	1.8	47	3.1	60/1	100BL 4
783	1.8	47	1.7	50/1	100BL 4
705	2.0	53	1.5	50/1	100BL 4
705	2.0	53	0.9	40/1	100BL 4
671	2.1	55	2.9	60/1	100BL 4
641	2.2	58	0.9	40/1	100BL 4
588	2.4	63	2.7	60/1	100BL 4
564	2.5	66	1.2	50/1	100BL 4
522	2.7	71	2.4	60/1	100BL 4
504	2.8	74	1.2	50/1	100BL 4
486	2.9	76	2.2	60/1	100BL 4
455	3.1	81	1.1	50/1	100BL 4
427	3.3	87	1.0	50/1	100BL 4
415	3.4	89	1.9	60/1	100BL 4
392	3.6	95	3.5	80/1	100BL 4
392	3.6	95	1.8	60/1	100BL 4
392	3.6	95	1.0	50/1	100BL 4
362	3.9	102	0.9	50/1	100BL 4
300	4.7	124	1.4	60/1	100BL 4
294	4.8	126	2.6	80/1	100BL 4
271	5.2	137	1.2	60/1	100BL 4
266	5.3	139	2.4	80/1	100BL 4
243	5.8	152	2.2	80/1	100BL 4
239	5.9	155	0.9	60/1	100BL 4
224	6.3	162	0.9	50/2	100BL 4
220	6.4	168	2.0	80/1	100BL 4
191	7.4	190	0.8	50/2	100BL 4
181	7.8	201	3.5	80/2	100BL 4
178	7.9	203	1.7	60/2	100BL 4
162	8.7	224	3.3	80/2	100BL 4
158	8.9	229	1.5	60/2	100BL 4



1.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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4 kW		$n_1 = 2860 \text{ min}^{-1}$ $n_1 = 1410 \text{ min}^{-1}$	100B 2 100BL 4
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141	10.0	257	2.9	80/2	100BL 4
140	10.1	260	1.4	60/2	100BL 4
127	11.1	286	2.7	80/2	100BL 4
125	11.3	291	1.3	60/2	100BL 4
114	12.4	319	2.5	80/2	100BL 4
114	12.4	319	1.2	60/2	100BL 4
99	14.2	365	2.2	80/2	100BL 4
93	15.2	391	2.1	80/2	100BL 4
91	15.5	399	1.0	60/2	100BL 4
78	18.1	466	1.9	80/2	100BL 4
77	18.3	471	0.8	60/2	100BL 4
73	19.4	499	1.8	80/2	100BL 4
62	22.7	584	1.6	80/2	100BL 4
57	24.9	641	1.5	80/2	100BL 4
49	28.9	744	1.3	80/2	100BL 4
48	29.1	733	2.7	100/3	100BL 4
44	31.8	818	1.1	80/2	100BL 4
43	32.5	819	2.4	100/3	100BL 4
39	36.4	917	2.2	100/3	100BL 4
39	35.7	899	1.1	80/3	100BL 4
35	40.7	1025	3.2	120/3	100BL 4
35	40.6	1023	1.9	100/3	100BL 4
35	40.3	1015	1.0	80/3	100BL 4
32	44.0	1109	0.9	80/3	100BL 4
31	45.7	1151	2.9	120/3	100BL 4
31	45.2	1139	1.7	100/3	100BL 4
28	50.9	1282	2.6	120/3	100BL 4
27	52.8	1330	1.5	100/3	100BL 4
25	57.1	1439	2.3	120/3	100BL 4
25	56.7	1429	1.4	100/3	100BL 4
23	62.2	1567	2.1	120/3	100BL 4
22	64.5	1625	1.2	100/3	100BL 4
19.4	72.6	1829	1.8	120/3	100BL 4
19.2	73.6	1854	1.1	100/3	100BL 4
18.1	77.7	1958	1.7	120/3	100BL 4
17.9	78.9	1988	1.0	100/3	100BL 4
17.2	82.2	2071	1.6	120/3	100BL 4
15.5	90.7	2285	1.4	120/3	100BL 4
15.3	91.9	2315	0.9	100/3	100BL 4
13.7	102.6	2585	1.3	120/3	100BL 4
12.3	114.4	2882	1.1	120/3	100BL 4
11.3	124.9	3147	1.0	120/3	100BL 4
9.9	142.9	3600	0.9	120/3	100BL 4
9.0	156.0	3931	0.8	120/3	100BL 4

5.5 kW		$n_1 = 2880 \text{ min}^{-1}$ $n_1 = 1440 \text{ min}^{-1}$ $n_1 = 1400 \text{ min}^{-1}$	112B 2 132S 4 112BL 4
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2400	1.2	21	1.4	40/1*	112B 2
2215	1.3	23	2.4	50/1	112B 2
1920	1.5	27	2.4	50/1	112B 2
1920	1.5	27	1.3	40/1*	112B 2

1.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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5.5 kW		$n_1 = 2880 \text{ min}^{-1}$ $n_1 = 1440 \text{ min}^{-1}$ $n_1 = 1400 \text{ min}^{-1}$	112B 2 132S 4 112BL 4
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1694	1.7	30	1.3	40/1*	112B 2
1600	1.8	32	2.5	50/1	112B 2
1440	2.0	35	2.3	50/1	112B 2
1440	2.0	35	1.3	40/1*	112B 2
1309	2.2	39	1.3	40/1*	112B 2
1077	1.3	47	2.7	60/1	112BL 4
1077	1.3	47	1.2	50/1	112BL 4
933	1.5	55	1.2	50/1	112BL 4
875	1.6	58	2.4	60/1	112BL 4
778	1.8	66	2.2	60/1	112BL 4
778	1.8	66	1.2	50/1	112BL 4
700	2.0	73	1.1	50/1	112BL 4
667	2.1	76	2.1	60/1	112BL 4
583	2.4	87	1.9	60/1	112BL 4
560	2.5	91	0.9	50/1	112BL 4
519	2.7	98	3.4	80/1	112BL 4
519	2.7	98	1.7	60/1	112BL 4
500	2.8	102	0.8	50/1	112BL 4
483	2.9	106	3.1	80/1	112BL 4
483	2.9	106	1.6	60/1	112BL 4
424	3.3	120	2.7	80/1	112BL 4
412	3.4	124	1.4	60/1	112BL 4
389	3.6	131	2.5	80/1	112BL 4
389	3.6	131	1.3	60/1	112BL 4
298	4.7	171	1.0	60/1	112BL 4
292	4.8	175	1.9	80/1	112BL 4
269	5.2	189	0.9	60/1	112BL 4
264	5.3	193	1.7	80/1	112BL 4
241	5.8	211	1.6	80/1	112BL 4
219	6.4	233	1.4	80/1	112BL 4
209	6.9	244	2.0	100/1	132S 4
192	7.5	265	1.8	100/1	132S 4
179	7.8	278	2.5	80/2	112BL 4
177	7.9	282	1.2	60/2	112BL 4
161	8.7	310	2.3	80/2	112BL 4
157	8.9	317	1.1	60/2	112BL 4
140	10.0	356	2.1	80/2	112BL 4
139	10.1	360	1.0	60/2	112BL 4
126	11.1	396	1.9	80/2	112BL 4
113	12.4	442	1.8	80/2	112BL 4
113	12.4	442	0.8	60/2	112BL 4
99	14.2	506	1.6	80/2	112BL 4
92	15.2	542	1.6	80/2	112BL 4
91	15.9	551	3.1	100/2	132S 4
82	17.6	610	2.9	100/2	132S 4
77	18.1	645	1.3	80/2	112BL 4
72	19.9	690	2.6	100/2	132S 4
72	19.4	691	1.3	80/2	112BL 4
65	22.2	769	2.4	100/2	132S 4
62	22.7	809	1.1	80/2	112BL 4
60	24.2	839	2.3	100/2	132S 4
56	24.9	887	1.1	80/2	112BL 4
48	28.9	1030	0.9	80/2	112BL 4
44	31.8	1133	0.8	80/2	112BL 4

1.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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5.5 kW		$n_1 = 2880 \text{ min}^{-1}$ $n_1 = 1440 \text{ min}^{-1}$ $n_1 = 1400 \text{ min}^{-1}$	112B 2 132S 4 112BL 4
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43	32.5	1134	1.8	100/3	112BL 4
41	35.3	1223	1.6	100/2	132S 4
39	37.0	1282	2.3	120/2	132S 4
38	38.3	1327	1.5	100/2	132S 4
34	40.6	1417	1.4	100/3	112BL 4
34	40.7	1420	2.3	120/3	112BL 4
31	45.2	1577	1.3	100/3	112BL 4
31	45.7	1595	2.1	120/3	112BL 4
28	50.9	1776	1.9	120/3	112BL 4
27	52.8	1842	1.1	100/3	112BL 4
25	56.7	1978	1.0	100/3	112BL 4
25	57.1	1992	1.7	120/3	112BL 4
23	62.2	2170	1.5	120/3	112BL 4
22	64.5	2251	0.9	100/3	112BL 4
19.3	72.6	2533	1.3	120/3	112BL 4
18.0	77.7	2711	1.2	120/3	112BL 4
15.4	90.7	3165	1.0	120/3	112BL 4
13.6	102.6	3580	0.9	120/3	112BL 4
12.2	114.4	3992	0.8	120/3	112BL 4

7.5 kW		$n_1 = 2890 \text{ min}^{-1}$ $n_1 = 2860 \text{ min}^{-1}$ $n_1 = 1440 \text{ min}^{-1}$	132SL 2 112BL 2 132M 4
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2383	1.2	29	1.0	40/1*	112BL 2
2200	1.3	32	1.7	50/1*	112BL 2
1907	1.5	36	1.7	50/1*	112BL 2
1907	1.5	36	1.0	40/1*	112BL 2
1682	1.7	41	1.0	40/1*	112BL 2
1606	1.8	43	3.4	60/1	132SL 2
1589	1.8	44	3.3	60/1	112BL 2
1589	1.8	44	1.8	50/1*	112BL 2
1430	2.0	49	1.6	50/1*	112BL 2
1430	2.0	49	0.9	40/1*	112BL 2
1362	2.1	51	3.1	60/1	112BL 2
1300	2.2	53	0.9	40/1*	112BL 2
1204	2.4	58	2.9	60/1	132SL 2
1144	2.5	61	1.3	50/1*	112BL 2
1108	1.3	63	2.1	60/1	132M 4
1059	2.7	66	2.6	60/1	112BL 2
1021	2.8	68	1.2	50/1*	112BL 2
986	2.9	70	2.4	60/1	112BL 2
923	3.1	75	1.2	50/1*	112BL 2
800	1.8	87	3.2	80/1	132M 4
800	1.8	87	1.7	60/1	132M 4
794	3.6	87	1.0	50/1*	112BL 2
733	3.9	95	0.9	50/1*	112BL 2
720	2.0	96	3.2	80/1	132M 4
686	2.1	101	1.6	60/1	132M 4
600	2.4	116	2.8	80/1	132M 4
600	2.4	116	1.5	60/1	132M 4
533	2.7	130	2.5	80/1	132M 4



HIGH TECH *line*

1.7 Prestazioni motoriduttori

1.7 Gearmotors performances

1.7 Leistungen der
Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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7.5 kW	$n_1 = 2890 \text{ min}^{-1}$ $n_1 = 2860 \text{ min}^{-1}$ $n_1 = 1440 \text{ min}^{-1}$	132SL 2 112BL 2 132M 4
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533	2.7	130	1.3	60/1	132M 4
497	2.9	140	2.4	80/1	132M 4
497	2.9	140	1.2	60/1	132M 4
436	3.3	159	2.1	80/1	132M 4
424	3.4	164	1.0	60/1	132M 4
400	3.6	174	1.9	80/1	132M 4
400	3.6	174	1.0	60/1	132M 4
369	3.9	188	3.2	100/1	132M 4
362	7.9	188	1.5	60/2	112BL 2
321	8.9	212	1.4	60/2	112BL 2
300	4.8	232	1.4	80/1	132M 4
272	5.3	256	1.3	80/1	132M 4
267	5.4	261	2.0	100/1	132M 4
253	11.3	269	1.1	60/2	112BL 2
248	5.8	280	1.2	80/1	132M 4
244	5.9	285	1.9	100/1	132M 4
231	12.4	295	1.1	60/2	112BL 2
225	6.4	309	1.1	80/1	132M 4
209	6.9	333	1.4	100/1	132M 4
200	14.3	340	1.0	60/2	112BL 2
192	7.5	362	1.3	100/1	132M 4
185	7.8	369	1.9	80/2	132M 4
182	7.9	373	0.9	60/2	132M 4
166	8.7	411	1.8	80/2	132M 4
162	8.9	421	3.6	100/2	132M 4
162	8.9	421	0.8	60/2	132M 4
145	9.9	468	3.3	100/2	132M 4
144	10.0	473	1.6	80/2	132M 4
130	11.1	525	3.0	100/2	132M 4
130	11.1	525	1.5	80/2	132M 4
119	12.1	572	2.8	100/2	132M 4
116	12.4	586	1.3	80/2	132M 4
102	14.1	666	2.5	100/2	132M 4
101	14.2	671	1.2	80/2	132M 4
95	15.2	718	1.2	80/2	132M 4
91	15.9	751	2.3	100/2	132M 4
82	17.6	832	2.1	100/2	132M 4
80	18.1	855	1.0	80/2	132M 4
75	19.3	912	3.3	120/2	132M 4
74	19.4	917	1.0	80/2	132M 4
72	19.9	940	1.9	100/2	132M 4
69	21.0	992	3.0	120/2	132M 4
65	22.1	1044	2.9	120/2	132M 4
65	22.2	1049	1.8	100/2	132M 4
63	22.7	1073	0.8	80/2	132M 4
62	23.1	1092	2.7	120/2	132M 4
60	24.0	1134	2.6	120/2	132M 4
60	24.2	1144	1.7	100/2	132M 4
53	27.0	1276	2.4	120/2	132M 4
51	28.3	1337	1.4	100/2	132M 4
50	28.9	1366	2.2	120/2	132M 4
49	29.1	1346	1.5	100/3	132M 4
49	29.6	1399	2.1	120/2	132M 4
48	30.3	1432	1.3	100/2	132M 4

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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7.5 kW	$n_1 = 2890 \text{ min}^{-1}$ $n_1 = 2860 \text{ min}^{-1}$ $n_1 = 1440 \text{ min}^{-1}$	132SL 2 112BL 2 132M 4
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44	32.5	1503	1.3	100/3	132M 4
43	33.7	1592	1.9	120/2	132M 4
41	35.3	1668	1.2	100/2	132M 4
40	36.4	1684	1.2	100/3	132M 4
39	37.0	1748	1.7	120/2	132M 4
38	38.3	1810	1.1	100/2	132M 4
35	40.6	1878	1.1	100/3	132M 4
35	40.7	1883	1.8	120/3	132M 4
32	45.2	2091	0.9	100/3	132M 4
32	45.7	2114	1.6	120/3	132M 4
28	50.9	2355	1.4	120/3	132M 4
27	52.8	2442	0.8	100/3	132M 4
25	57.1	2641	1.2	120/3	132M 4
23	62.2	2877	1.1	120/3	132M 4
19.8	72.6	3358	1.0	120/3	132M 4
18.5	77.7	3594	0.9	120/3	132M 4
17.5	82.2	3802	0.9	120/3	132M 4

9.2 kW	$n_1 = 1450 \text{ min}^{-1}$	132ML 4
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1115	1.3	76	1.7	60/1*	132ML 4
1036	1.4	82	3.3	80/1	132ML 4
906	1.6	94	1.5	60/1*	132ML 4
806	1.8	106	2.6	80/1	132ML 4
806	1.8	106	1.4	60/1*	132ML 4
725	2.0	118	2.6	80/1	132ML 4
690	2.1	123	1.3	60/1*	132ML 4
604	2.4	141	2.3	80/1	132ML 4
604	2.4	141	1.2	60/1*	132ML 4
537	2.7	159	2.1	80/1	132ML 4
537	2.7	159	1.1	60/1*	132ML 4
500	2.9	170	1.9	80/1	132ML 4
500	2.9	170	1.0	60/1*	132ML 4
439	3.3	194	1.7	80/1	132ML 4
426	3.4	200	0.9	60/1*	132ML 4
403	3.6	212	1.6	80/1	132ML 4
403	3.6	212	0.8	60/1*	132ML 4
372	3.9	229	2.6	100/1	132ML 4
302	4.8	282	1.2	80/1	132ML 4
250	5.8	341	1.0	80/1	132ML 4
246	5.9	347	1.5	100/1	132ML 4
227	6.4	376	0.9	80/1	132ML 4
210	6.9	406	1.2	100/1	132ML 4
186	7.8	449	1.6	80/2	132ML 4
184	7.9	455	3.2	100/2	132ML 4
167	8.7	501	1.5	80/2	132ML 4
163	8.9	512	2.9	100/2	132ML 4
146	9.9	570	2.7	100/2	132ML 4
145	10.0	576	1.3	80/2	132ML 4
131	11.1	639	2.5	100/2	132ML 4

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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9.2 kW	$n_1 = 1450 \text{ min}^{-1}$	132ML 4
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131	11.1	639	1.2	80/2	132ML 4
120	12.1	697	2.3	100/2	132ML 4
117	12.4	714	1.1	80/2	132ML 4
103	14.1	812	2.1	100/2	132ML 4
102	14.2	817	1.0	80/2	132ML 4
95	15.2	875	1.0	80/2	132ML 4
91	15.9	915	1.9	100/2	132ML 4
82	17.6	1013	1.8	100/2	132ML 4
82	17.7	1019	2.9	120/2	132ML 4
80	18.1	1042	0.8	80/2	132ML 4
73	19.9	1146	1.6	100/2	132ML 4
65	22.2	1278	1.5	100/2	132ML 4
63	23.1	1330	2.3	120/2	132ML 4
51	28.3	1629	1.2	100/2	132ML 4
50	28.9	1664	1.8	120/2	132ML 4
43	33.7	1940	1.5	120/2	132ML 4
41	35.3	2032	0.9	100/2	132ML 4
36	40.6	2288	0.9	100/3	132ML 4
36	40.7	2294	1.4	120/3	132ML 4
28	50.9	2868	1.2	120/3	132ML 4
23	62.2	3505	0.9	120/3	132ML 4

11 kW	$n_1 = 2940 \text{ min}^{-1}$ $n_1 = 1455 \text{ min}^{-1}$	132M 2 160M 4
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2450	1.2	42	6.3	80/1	132M 2
2262	1.3	45	2.9	60/1*	132M 2
1838	1.6	55	2.5	60/1*	132M 2
1633	1.8	62	2.3	60/1*	132M 2
1400	2.1	73	2.2	60/1*	132M 2
1225	2.4	83	2.0	60/1*	132M 2
1213	1.2	84	3.1	80/1	160M 4
1089	2.7	94	3.5	80/1	132M 2
1089	2.7	94	1.8	60/1*	132M 2
1039	1.4	98	2.8	80/1	160M 4
1014	2.9	101	1.7	60/1*	132M 2
891	3.3	114	2.9	80/1	132M 2
865	3.4	118	1.4	60/1*	132M 2
808	1.8	126	2.2	80/1	160M 4
728	2.0	140	2.2	80/1	160M 4
626	4.7	163	1.0	60/1*	132M 2
606	2.4	168	2.0	80/1	160M 4
565	5.2	180	0.9	60/1*	132M 2
539	2.7	189	1.7	80/1	160M 4
502	2.9	203	1.6	80/1	160M 4
485	3.0	210	2.9	100/1	160M 4
441	3.3	231	1.4	80/1	160M 4
416	3.5	245	2.4	100/1	160M 4
404	3.6	252	1.3	80/1	160M 4
373	3.9	273	2.2	100/1	160M 4
372	7.9	268	1.1	60/2*	132M 2



1.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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11 kW $n_1 = 2940 \text{ min}^{-1}$
 $n_1 = 1455 \text{ min}^{-1}$ 132M 2
160M 4

338	8.7	295	2.1	80/2	132M 2
330	8.9	302	1.0	60/2*	132M 2
303	4.8	336	1.0	80/1	160M 4
275	5.3	371	0.9	80/1	160M 4
269	5.4	378	1.4	100/1	160M 4
265	11.1	377	1.7	80/2	132M 2
251	5.8	406	0.8	80/1	160M 4
247	5.9	413	1.3	100/1	160M 4
211	6.9	473	2.9	100/2	160M 4
211	6.9	483	1.0	100/1	160M 4
194	7.5	514	2.7	100/2	160M 4
194	7.5	525	0.9	100/1	160M 4
187	7.8	535	1.3	80/2	160M 4
184	7.9	542	2.7	100/2	160M 4
167	8.7	597	1.2	80/2	160M 4
163	8.9	610	2.4	100/2	160M 4
147	9.9	679	2.3	100/2	160M 4
146	10.0	686	1.1	80/2	160M 4
137	10.6	727	3.1	120/2	160M 4
131	11.1	761	2.1	100/2	160M 4
131	11.1	761	1.0	80/2	160M 4
120	12.1	830	1.9	100/2	160M 4
117	12.4	851	0.9	80/2	160M 4
103	14.1	967	3.1	120/2	160M 4
103	14.1	967	1.7	100/2	160M 4
102	14.2	974	0.8	80/2	160M 4
96	15.2	1043	0.8	80/2	160M 4
92	15.9	1091	1.6	100/2	160M 4
83	17.6	1207	1.5	100/2	160M 4
82	17.7	1214	2.5	120/2	160M 4
75	19.3	1324	2.3	120/2	160M 4
73	19.9	1365	1.3	100/2	160M 4
66	22.1	1516	2.0	120/2	160M 4
66	22.2	1523	1.2	100/2	160M 4
61	24.0	1646	1.8	120/2	160M 4
60	24.2	1660	1.2	100/2	160M 4
51	28.3	1941	1.0	100/2	160M 4
50	28.9	1982	1.5	120/2	160M 4
43	33.7	2311	1.3	120/2	160M 4
39	37.0	2538	1.2	120/2	160M 4
32	90.7	3014	1.0	120/3	132M 2

15 kW $n_1 = 2930 \text{ min}^{-1}$
 $n_1 = 2900 \text{ min}^{-1}$
 $n_1 = 1455 \text{ min}^{-1}$ 160MB 2
132ML 2
160L 4

2442	1.2	57	4.6	80/1*	160MB 2
2231	1.3	62	2.1	60/1*	132ML 2
1813	1.6	77	1.8	60/1*	132ML 2
1611	1.8	86	3.2	80/1*	132ML 2
1611	1.8	86	1.7	60/1*	132ML 2
1450	2.0	96	3.2	80/1*	132ML 2

1.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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15 kW $n_1 = 2930 \text{ min}^{-1}$
 $n_1 = 2900 \text{ min}^{-1}$
 $n_1 = 1455 \text{ min}^{-1}$ 160MB 2
132ML 2
160L 4

1381	2.1	101	1.6	60/1*	132ML 2
1213	1.2	115	2.3	80/1*	160L 4
1208	2.4	115	1.5	60/1*	132ML 2
1074	2.7	129	1.3	60/1*	132ML 2
1039	1.4	134	2.0	80/1*	160L 4
879	3.3	158	2.1	80/1*	132ML 2
853	3.4	163	1.0	60/1*	132ML 2
808	1.8	172	1.6	80/1*	160L 4
806	3.6	172	1.0	60/1*	132ML 2
766	1.9	181	2.7	100/1	160L 4
728	2.0	191	1.6	80/1*	160L 4
661	2.2	210	2.9	100/1	160L 4
606	2.4	229	1.4	80/1*	160L 4
539	2.7	258	1.3	80/1*	160L 4
502	2.9	277	1.2	80/1*	160L 4
485	3.0	287	2.1	100/1	160L 4
441	3.3	315	1.0	80/1*	160L 4
416	3.5	334	1.8	100/1	160L 4
404	3.6	344	1.0	80/1*	160L 4
393	3.7	346	3.5	100/2	160L 4
373	3.9	372	1.6	100/1	160L 4
372	7.8	366	1.6	80/2*	132ML 2
333	8.7	408	1.5	80/2*	132ML 2
297	4.9	458	2.8	100/2	160L 4
290	10.0	469	1.3	80/2*	132ML 2
269	5.4	516	1.0	100/1	160L 4
261	11.1	521	2.5	100/2	132ML 2
261	11.1	521	1.2	80/2*	132ML 2
247	5.9	563	0.9	100/1	160L 4
239	6.1	571	3.5	120/2	160L 4
234	12.4	582	1.1	80/2*	132ML 2
211	6.9	645	2.1	100/2	160L 4
194	7.5	701	2.0	100/2	160L 4
189	7.7	720	3.1	120/2	160L 4
187	7.8	730	1.0	80/2*	160L 4
171	8.5	795	3.1	120/2	160L 4
167	8.7	814	0.9	80/2*	160L 4
163	8.9	832	1.8	100/2	160L 4
147	9.9	926	1.7	100/2	160L 4
137	10.6	991	2.3	120/2	160L 4
131	11.1	1038	1.5	100/2	160L 4
127	11.5	1076	2.8	120/2	160L 4
120	12.1	1132	1.4	100/2	160L 4
103	14.1	1319	2.3	120/2	160L 4
103	14.1	1319	1.3	100/2	160L 4
92	15.9	1487	1.2	100/2	160L 4
83	17.6	1646	1.1	100/2	160L 4
82	17.7	1655	1.8	120/2	160L 4
75	19.3	1805	1.7	120/2	160L 4
73	19.9	1861	1.0	100/2	160L 4
69	21.0	1964	1.5	120/2	160L 4
66	22.1	2067	1.5	120/2	160L 4
66	22.2	2076	0.9	100/2	160L 4
63	23.1	2161	1.4	120/2	160L 4

1.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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15 kW $n_1 = 2930 \text{ min}^{-1}$
 $n_1 = 2900 \text{ min}^{-1}$
 $n_1 = 1455 \text{ min}^{-1}$ 160MB 2
132ML 2
160L 4

61	24.0	2245	1.3	120/2	160L 4
60	24.2	2263	0.9	100/2	160L 4
54	27.0	2525	1.2	120/2	160L 4
50	28.9	2703	1.1	120/2	160L 4
49	29.6	2769	1.1	120/2	160L 4
43	33.7	3152	1.0	120/2	160L 4
39	37.0	3461	0.9	120/2	160L 4

18.5 kW $n_1 = 2910 \text{ min}^{-1}$
 $n_1 = 1460 \text{ min}^{-1}$
 $n_1 = 970 \text{ min}^{-1}$ 160L 2
180M 4
200L 6

2425	1.2	71	3.7	80/1*	160L 2
2079	1.4	82	3.3	80/1*	160L 2
1617	1.8	106	2.6	80/1*	160L 2
1455	2.0	118	2.6	80/1*	160L 2
1213	2.4	141	2.3	80/1*	160L 2
1123	1.3	153	3.1	100/1	180M 4
882	3.3	194	1.7	80/1*	160L 2
808	3.6	212	1.6	80/1*	160L 2
768	1.9	223	2.2	100/1	180M 4
664	2.2	258	2.3	100/1	180M 4
606	4.8	283	1.2	80/1*	160L 2
549	5.3	312	1.1	80/1*	160L 2
539	5.4	318	1.7	100/1	160L 2
502	5.8	342	1.0	80/1*	160L 2
487	3.0	352	1.7	100/1	180M 4
455	6.4	377	0.9	80/1*	160L 2
417	3.5	411	1.5	100/1	180M 4
395	3.7	425	2.9	100/2	180M 4
374	3.9	458	1.3	100/1	180M 4
373	7.8	450	1.3	80/2*	160L 2
334	8.7	502	1.2	80/2*	160L 2
298	4.9	563	2.3	100/2	180M 4
291	10.0	577	1.1	80/2*	160L 2
281	5.2	598	3.0	120/2	180M 4
270	5.4	634	0.8	100/1	180M 4
262	11.1	640	1.0	80/2*	160L 2
239	6.1	701	2.9	120/2	180M 4
212	6.9	793	1.7	100/2	180M 4
195	7.5	862	1.6	100/2	180M 4
190	7.7	885	2.5	120/2	180M 4
185	7.9	908	1.6	100/2	180M 4
172	8.5	977	2.6	120/2	180M 4
164	8.9	1023	1.5	100/2	180M 4
147	9.9	1138	1.3	100/2	180M 4
138	10.6	1219	1.9	120/2	180M 4
132	11.1	1276	1.2	100/2	180M 4
127	11.5	1322	2.3	120/2	180M 4
121	12.1	1391	1.2	100/2	180M 4
104	14.1	1621	1.9	120/2	180M 4
104	14.1	1621	1.0	100/2	180M 4



HIGH TECH line

1.7 Prestazioni motoriduttori

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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18.5 kW	$n_1 = 2910 \text{ min}^{-1}$ $n_1 = 1460 \text{ min}^{-1}$ $n_1 = 970 \text{ min}^{-1}$	160L 2 180M 4 200L 6
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92	15.9	1828	0.9	100/2	180M 4
83	17.6	2023	0.9	100/2	180M 4
82	17.7	2035	1.5	120/2	180M 4
70	21.0	2414	1.2	120/2	180M 4
61	24.0	2759	1.1	120/2	180M 4
51	28.9	3322	0.9	120/2	180M 4
46	21.0	3634	0.8	120/2	200L 6

22 kW	$n_1 = 2925 \text{ min}^{-1}$ $n_1 = 1460 \text{ min}^{-1}$ $n_1 = 975 \text{ min}^{-1}$	180M 2 180L 4 200L 6
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2250	1.3	91	5.3	100/1*	180M 2
1539	1.9	132	3.7	100/1*	180M 2
1330	2.2	153	3.9	100/1*	180M 2
1219	2.4	164	5.6	100/2	180M 2
1123	1.3	181	2.6	100/1*	180L 4
1083	2.7	184	5.2	100/2	180M 2
975	3.0	209	2.9	100/1*	180M 2
836	3.5	244	2.5	100/1*	180M 2
768	1.9	265	1.8	100/1*	180L 4
664	2.2	307	2.0	100/1*	180L 4
608	2.4	328	3.3	100/2	180L 4
541	2.7	369	3.1	100/2	180L 4
487	3.0	419	1.4	100/1*	180L 4
417	3.5	489	1.2	100/1*	180L 4
395	3.7	506	2.4	100/2	180L 4
374	3.9	533	3.2	120/2	180L 4
374	3.9	544	1.1	100/1*	180L 4
298	4.9	670	1.9	100/2	180L 4
281	5.2	711	2.5	120/2	180L 4
239	6.1	834	2.4	120/2	180L 4
212	6.9	943	1.4	100/2	180L 4
195	7.5	1025	1.4	100/2	180L 4
190	7.7	1053	2.1	120/2	180L 4
185	7.9	1080	1.3	100/2	180L 4
172	8.5	1162	2.2	120/2	180L 4
164	8.9	1217	1.2	100/2	180L 4
147	9.9	1353	1.1	100/2	180L 4
138	10.6	1449	1.6	120/2	180L 4
132	11.1	1517	1.0	100/2	180L 4
127	11.5	1572	1.9	120/2	180L 4
121	12.1	1654	1.0	100/2	180L 4
104	14.1	1928	1.6	120/2	180L 4
104	14.1	1928	0.9	100/2	180L 4
92	10.6	2170	1.4	120/2	200L 6
82	17.7	2420	1.2	120/2	180L 4
76	19.3	2638	1.1	120/2	180L 4
70	21.0	2871	1.0	120/2	180L 4
66	22.1	3021	1.0	120/2	180L 4
61	24.0	3281	0.9	120/2	180L 4
54	27.0	3691	0.8	120/2	180L 4

1.7 Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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30 kW	$n_1 = 2945 \text{ min}^{-1}$ $n_1 = 1465 \text{ min}^{-1}$	200L 2 200L 4
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2265	1.3	123	3.9	100/1*	200L 2
1550	1.9	179	2.7	100/1*	200L 2
1339	2.2	208	2.9	100/1*	200L 2
1227	2.4	222	4.1	100/2*	200L 2
1127	1.3	247	1.9	100/1*	200L 4
1091	2.7	250	3.8	100/2*	200L 2
982	3.0	283	2.1	100/1*	200L 2
841	3.5	330	1.8	100/1*	200L 2
796	3.7	342	3.0	100/2*	200L 2
771	1.9	360	1.4	100/1*	200L 4
666	2.2	417	1.4	100/1*	200L 4
610	2.4	446	2.4	100/2*	200L 4
543	2.7	502	2.3	100/2*	200L 4
523	2.8	520	3.3	120/2	200L 4
488	3.0	569	1.1	100/1*	200L 4
419	3.5	664	0.9	100/1*	200L 4
396	3.7	687	1.8	100/2*	200L 4
376	3.9	725	2.3	120/2	200L 4
376	3.9	740	0.8	100/1*	200L 4
299	4.9	910	1.4	100/2*	200L 4
282	5.2	966	1.9	120/2	200L 4
240	6.1	1133	1.8	120/2	200L 4
212	6.9	1282	1.1	100/2*	200L 4
195	7.5	1393	1.0	100/2*	200L 4
190	7.7	1431	1.5	120/2	200L 4
185	7.9	1468	1.0	100/2*	200L 4
172	8.5	1579	1.6	120/2	200L 4
165	8.9	1653	0.9	100/2*	200L 4
148	9.9	1839	0.8	100/2*	200L 4
138	10.6	1969	1.2	120/2	200L 4
127	11.5	2137	1.4	120/2	200L 4
104	14.1	2620	1.1	120/2	200L 4
83	17.7	3288	0.9	120/2	200L 4

37 kW	$n_1 = 2950 \text{ min}^{-1}$ $n_1 = 1475 \text{ min}^{-1}$	200L 2 225S 4
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2269	1.3	151	3.2	100/1*	200L 2
1553	1.9	221	2.2	100/1*	200L 2
1341	2.2	256	2.3	100/1*	200L 2
1229	2.4	273	3.3	100/2*	200L 2
1093	2.7	307	3.1	100/2*	200L 2
983	3.0	349	1.7	100/1*	200L 2
843	3.5	407	1.5	100/1*	200L 2
797	3.7	421	2.4	100/2*	200L 2
756	3.9	453	1.3	100/1*	200L 2
602	4.9	558	1.9	100/2*	200L 2
567	5.2	592	2.5	120/2*	200L 2
546	5.4	627	0.8	100/1*	200L 2
527	2.8	637	2.7	120/2*	225S 4
484	6.1	694	2.3	120/2*	200L 2

1.7 Leistungen der Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	AM AC	
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37 kW	$n_1 = 2950 \text{ min}^{-1}$ $n_1 = 1475 \text{ min}^{-1}$	200L 2 225S 4
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428	6.9	785	1.4	100/2*	200L 2
393	7.5	853	1.4	100/2*	200L 2
378	3.9	888	1.9	120/2*	225S 4
331	8.9	1013	1.2	100/2*	200L 2
284	5.2	1183	1.5	120/2*	225S 4
244	12.1	1377	1.0	100/2*	200L 2
242	6.1	1388	1.4	120/2*	225S 4
192	7.7	1752	1.3	120/2*	225S 4
174	8.5	1934	1.3	120/2*	225S 4
139	10.6	2412	0.9	120/2*	225S 4
128	11.5	2617	1.1	120/2*	225S 4
105	14.1	3209	0.9	120/2*	225S 4

45 kW	$n_1 = 2945 \text{ min}^{-1}$ $n_1 = 1475 \text{ min}^{-1}$	225M 2 225M 4
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1052	2.8	388	3.6	120/2*	225M 2
755	3.9	541	2.6	120/2*	225M 2
566	5.2	721	2.0	120/2*	225M 2
527	2.8	775	2.2	120/2*	225M 4
483	6.1	846	1.9	120/2*	225M 2
382	7.7	1067	1.7	120/2*	225M 2
378	3.9	1079	1.6	120/2*	225M 4
346	8.5	1178	1.7	120/2*	225M 2
284	5.2	1439	1.3	120/2*	225M 4
278	10.6	1469	1.5	120/2*	225M 2
256	11.5	1594	1.5	120/2*	225M 2
242	6.1	1688	1.2	120/2*	225M 4
209	14.1	1955	1.2	120/2*	225M 2
192	7.7	2131	1.0	120/2*	225M 4
174	8.5	2353	1.1	120/2*	225M 4
153	19.3	2676	0.9	120/2*	225M 2
140	21.0	2911	0.8	120/2*	225M 2

N.B.

Tutte le potenze indicate si riferiscono alla potenza meccanica dei riduttori. Per i riduttori contrassegnati con (*) è opportuno effettuare la verifica della potenza limite termico secondo le indicazioni riportate nel par. A-1.5.

NOTE.

The power indicated is based on the mechanical capacities of the gearboxes. For the gearboxes marked with (*) it is also necessary to obey the thermal capacity like shown on chapter A-1.5.

HINWEIS.

Die Leistungsangaben beziehen sich auf die mechanische Belastbarkeit der Getriebe. Bei den mit (*) gekennzeichneten Getrieben ist außerdem die thermische Leistungsgrenze zu beachten (A-1.5).