



3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.09 kW

$n_1 = 900 \text{ min}^{-1}$				
23	39.5	35.1	13.4	71/3
21	43.4	38.5	6.5	63/3
19	47.0	41.7	6.1	63/3
17	53.3	47.4	5.4	63/3
16	57.2	50.8	5.0	63/3
15	61.8	54.9	4.6	63/3
13	69.6	61.8	4.0	63/3
12	75.4	67.0	3.8	63/3
11	81.4	72.3	3.5	63/3
10	88.4	78.5	3.2	63/3
9.1	98.9	87.9	2.8	63/3
7.9	114.4	102	2.5	63/3
6.7	134.3	119	4.1	71/3
6.6	135.4	120	2.1	63/3
6.0	149.1	132	1.9	63/3
5.8	154.8	137	3.6	71/3
5.5	163.2	145	3.2	71/3
5.5	164.7	146	1.7	63/3
5.0	181.3	161	1.6	63/3
4.7	191.6	170	3.1	71/3
4.2	216.9	193	1.3	63/3
4.1	220.8	196	2.7	71/3

0.13 kW

$n_1 = 1400 \text{ min}^{-1}$				
35	39.5	32.6	14.1	71/3
32	43.4	35.8	7.0	63/3
30	47.0	38.7	6.5	63/3
26	53.3	43.9	5.7	63/3
24	57.2	47.1	5.3	63/3
23	61.8	50.8	4.9	63/3
20	69.6	57.2	4.4	63/3
19	75.4	62.0	4.0	63/3
17	81.4	66.8	3.7	63/3
16	88.4	72.5	3.4	63/3
14	98.9	81.1	3.1	63/3
12	114.4	93.8	2.7	63/3
10	135.4	111	2.3	63/3
9.5	149.1	122	2.0	63/3
9.1	154.8	127	3.6	71/3
8.6	163.2	134	3.4	71/3
8.6	164.7	135	1.9	63/3
7.8	181.3	148	1.7	63/3
7.3	191.6	157	3.1	71/3
6.5	216.9	177	1.4	63/3
6.4	220.8	181	2.8	71/3

$n_1 = 900 \text{ min}^{-1}$				
23	39.5	50.7	9.3	71/3
21	43.4	55.6	4.5	63/3
19	47.0	60.3	4.2	63/3

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.13 kW

$n_1 = 900 \text{ min}^{-1}$				
17	53.3	68.4	3.7	63/3
16	57.2	73.4	3.5	63/3
15	61.8	79.3	3.2	63/3
13	69.6	89.3	2.8	63/3
12	75.4	96.7	2.6	63/3
11	81.4	104	2.4	63/3
10	86.8	111	4.2	71/3
10	88.4	113	2.2	63/3
10	91.5	117	4.0	71/3
9.1	98.9	127	2.0	63/3
9.1	99.3	127	3.7	71/3
8.4	107.5	138	3.4	71/3
7.9	114.4	147	1.7	63/3
7.3	123.8	159	3.0	71/3
6.7	134.3	172	2.8	71/3
6.6	135.4	174	1.5	63/3
6.0	149.1	191	1.3	63/3
5.8	154.8	199	2.5	71/3
5.5	163.2	209	2.2	71/3
5.5	164.7	211	1.2	63/3
5.0	181.3	233	1.1	63/3
4.7	191.6	246	2.1	71/3
4.2	216.9	278	0.9	63/3
4.1	220.8	283	1.8	71/3

0.18 kW

$n_1 = 2800 \text{ min}^{-1}$				
64.6	43.4	25	8.9	63/3
59.6	47.0	27	7.5	63/3
52.5	53.3	30	7.2	63/3
48.9	57.2	33	7.0	63/3
45.4	61.8	35	6.5	63/3
40.3	69.6	40	6.0	63/3
37.2	75.4	43	5.6	63/3
34.5	81.4	46	5.2	63/3
31.8	88.4	50	4.8	63/3
28.4	98.9	56	4.3	63/3
24.5	114.4	65	3.7	63/3
20.8	135.4	77	3.1	63/3
18.9	149.1	85	2.8	63/3
17.1	164.7	94	2.6	63/3
15.5	181.3	103	2.3	63/3
14.6	191.6	109	4.1	71/3
13.0	216.9	123	1.9	63/3
12.7	220.8	126	3.6	71/3

$n_1 = 1400 \text{ min}^{-1}$				
35	39.5	45.1	10.2	71/3
32	43.4	49.5	5.0	63/3
30	47.0	53.6	4.7	63/3
26	53.3	60.9	4.1	63/3

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.18 kW

$n_1 = 1400 \text{ min}^{-1}$				
24	57.2	65.3	3.8	63/3
23	61.8	70.4	3.6	63/3
20	69.6	79.3	3.2	63/3
19	75.4	85.8	2.9	63/3
17	81.4	92.5	2.7	63/3
16	88.4	100	2.5	63/3
14	98.9	112	2.2	63/3
14	99.3	113	4.1	71/3
13	107.5	123	3.7	71/3
12	114.4	130	1.9	63/3
11	123.8	141	3.3	71/3
10	134.3	153	3.0	71/3
10	135.4	154	1.6	63/3
9.5	149.1	169	1.5	63/3
9.1	154.8	176	2.6	71/3
8.6	163.2	186	2.5	71/3
8.6	164.7	186	1.3	63/3
7.8	181.3	205	1.2	63/3
7.3	191.6	218	2.2	71/3
6.5	216.9	245	1.0	63/3
6.4	220.8	251	2.0	71/3

$n_1 = 900 \text{ min}^{-1}$				
231	3.9	7.1	16.3	63/2
207	4.3	7.9	17.1	63/2
179	5.0	9.1	16.4	63/2
160	5.6	10.2	16.7	63/2
145	6.2	11.2	15.6	63/2
139	6.5	11.8	15.7	63/2
122	7.4	13.4	14.2	63/2
112	8.0	14.6	14.7	63/2
100	9.0	16.3	14.1	63/2
87	10.4	18.9	12.7	63/2
76	11.8	21.5	11.9	63/2
66	13.5	24.6	10.4	63/2
63	14.4	26.1	8.8	63/2
53	16.9	30.6	8.3	63/2
45	19.8	36.0	7.1	63/2
44	20.5	37.2	6.5	63/2
37	24.1	42.8	5.7	63/2
34	26.1	47.4	5.3	63/2
28	31.7	57.6	4.3	63/2
25	36.6	66.4	3.8	63/2
21	43.4	77.0	3.2	63/3
19	47.0	83.4	3.1	63/3
17	53.3	95	2.7	63/3
16	57.2	102	2.5	63/3
15	61.8	110	2.3	63/3
14	64.2	114	4.1	71/3
13	69.6	124	2.0	63/3
12	75.4	134	3.5	71/3
12	75.4	134	1.9	63/3
11	81.4	145	1.8	63/3

3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.18 kW

$n_1 = 900 \text{ min}^{-1}$				
10	86.8	154	3.0	71/3
10	88.4	157	1.6	63/3
9.8	91.5	163	2.9	71/3
9.1	98.9	176	1.4	63/3
9.1	99.3	176	2.7	71/3
8.4	107.5	191	2.5	71/3
7.9	114.4	203	1.3	63/3
7.3	123.8	220	2.2	71/3
7.2	125.0	222	4.3	90/3
6.7	134.3	239	2.1	71/3
6.6	135.4	241	1.1	63/3
6.4	141.0	250	3.8	90/3
6.0	149.1	265	1.0	63/3
5.8	154.8	275	1.8	71/3
5.8	155.2	276	3.4	90/3
5.5	163.2	290	1.6	71/3
5.5	164.7	292	0.9	63/3
5.1	178.1	316	3.0	90/3
5.0	181.3	322	0.8	63/3
4.7	191.6	340	1.5	71/3
4.5	201.0	357	2.6	90/3
4.1	220.8	392	1.3	71/3
4.0	224.4	399	2.4	90/3
3.6	253.2	450	2.1	90/3

0.25 kW

$n_1 = 2800 \text{ min}^{-1}$				
65	43.4	34.4	6.4	63/3
60	47.0	37.2	5.4	63/3
53	53.3	42.3	5.2	63/3
49	57.2	45.4	5.1	63/3
45	61.8	48.9	4.7	63/3
40	69.6	55.1	4.4	63/3
37	75.4	59.7	4.0	63/3
34	81.4	64.4	3.7	63/3
32	88.4	69.9	3.4	63/3
28	98.9	78.2	3.1	63/3
25	114.4	90.4	2.7	63/3
23	123.8	98.2	4.3	71/3
21	134.3	106	3.9	71/3
21	135.4	107	2.2	63/3
19	149.1	118	2.0	63/3
18	154.8	123	3.4	71/3
17	163.2	129	3.2	71/3
17	164.7	130	1.8	63/3
16	181.3	143	1.7	63/3
15	191.6	152	3.0	71/3
13	216.9	171	1.4	63/3
13	220.8	175	2.6	71/3

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.25 kW

$n_1 = 1400 \text{ min}^{-1}$				
135	10.4	16.8	13.1	63/2
118	11.8	19.2	12.3	63/2
103	13.5	21.9	11.4	63/2
97	14.4	23.3	9.4	63/2
83	16.9	27.3	9.2	63/2
71	19.8	32.1	7.8	63/2
68	20.5	33.2	6.9	63/2
58	24.1	38.2	6.0	63/2
54	26.1	42.3	5.7	63/2
44	31.7	51.4	4.7	63/2
38	36.6	59.3	4.2	63/2
32	43.4	68.8	3.6	63/3
30	47.0	74.5	3.4	63/3
26	53.3	84.5	3.0	63/3
24	57.2	90.7	2.8	63/3
23	61.8	97.8	2.6	63/3
20	69.6	110	2.3	63/3
19	75.4	119	2.1	63/3
19	75.4	120	3.8	71/3
17	81.4	128	1.9	63/3
16	86.8	138	3.3	71/3
16	88.4	139	1.8	63/3
15	91.5	145	3.2	71/3
14	98.9	156	1.6	63/3
14	99.3	157	2.9	71/3
13	107.5	171	2.7	71/3
12	114.4	180	1.4	63/3
11	123.8	196	2.3	71/3
10	134.3	213	2.2	71/3
10	135.4	213	1.2	63/3
10	141.0	223	4.1	90/3
9.5	149.1	235	1.1	63/3
9.1	154.8	245	1.9	71/3
9.0	155.2	246	3.7	90/3
8.6	163.2	258	1.8	71/3
8.6	164.7	259	1.0	63/3
7.9	178.1	282	3.2	90/3
7.8	181.3	285	0.9	63/3
7.3	191.6	303	1.6	71/3
7.0	201.0	318	2.9	90/3
6.4	220.8	349	1.4	71/3
6.3	224.4	354	2.6	90/3
5.6	253.2	400	2.3	90/3

$n_1 = 900 \text{ min}^{-1}$				
301	3.0	7.5	11.3	63/2
231	3.9	9.8	11.7	63/2
207	4.3	10.9	12.3	63/2
179	5.0	12.7	11.8	63/2
160	5.6	14.1	12.0	63/2
145	6.2	15.6	11.2	63/2
139	6.5	16.4	11.3	63/2
122	7.4	18.6	10.2	63/2

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.25 kW

$n_1 = 900 \text{ min}^{-1}$				
112	8.0	20.3	10.6	63/2
100	9.0	22.6	10.2	63/2
87	10.4	26.2	9.2	63/2
76	11.8	29.8	8.6	63/2
66	13.5	34.1	7.5	63/2
63	14.4	36.2	6.3	63/2
53	16.9	42.5	6.0	63/2
45	19.8	49.9	5.1	63/2
44	20.5	51.7	4.6	63/2
37	24.1	59.4	4.1	63/2
34	26.1	65.8	3.8	63/2
28	31.7	80.0	3.1	63/2
25	36.6	92.2	2.7	63/2
21	43.4	107	2.3	63/3
20	44.7	113	4.1	71/2
19	47.0	116	2.2	63/3
18	50.5	127	3.6	71/2
17	53.3	132	1.9	63/3
17	53.5	132	3.5	71/3
16	57.2	141	1.8	63/3
15	60.8	150	3.1	71/3
15	61.8	152	1.7	63/3
14	64.2	158	3.0	71/3
13	69.6	172	1.5	63/3
12	75.4	186	2.5	71/3
12	75.4	186	1.4	63/3
11	81.4	201	1.3	63/3
10	86.8	214	2.2	71/3
10	88.4	218	1.1	63/3
10	91.5	226	2.1	71/3
10	93.3	230	4.1	90/3
9.1	98.9	244	1.0	63/3
9.1	99.3	245	1.9	71/3
8.9	100.6	248	3.8	90/3
8.4	107.5	265	1.8	71/3
8.3	108.9	269	3.5	90/3
7.9	114.4	282	0.9	63/3
7.3	123.8	305	1.6	71/3
7.2	125.0	308	3.1	90/3
6.7	134.3	331	1.5	71/3
6.6	135.4	334	0.8	63/3
6.4	141.0	348	2.7	90/3
5.8	154.8	382	1.3	71/3
5.8	155.2	383	2.5	90/3
5.5	163.2	403	1.2	71/3
5.1	178.1	439	2.2	90/3
4.7	191.6	473	1.1	71/3
4.5	201.0	496	1.9	90/3
4.1	220.8	545	1.0	71/3
4.0	224.4	554	1.7	90/3
3.6	253.2	625	1.5	P90/3



**3.8 Tech. data převodovek s elektro-
motory PMP PCP PMF - CPF**

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.37 kW

$n_1 = 2800 \text{ min}^{-1}$				
207	13.5	16.2	12.6	63/2
195	14.4	17.2	11.0	63/2
166	16.9	20.2	11.4	63/2
141	19.8	23.8	9.7	63/2
137	20.5	24.6	8.5	63/2
116	24.1	28.3	7.4	63/2
107	26.1	31.3	7.0	63/2
88	31.7	38.0	5.8	63/2
77	36.6	43.8	5.1	63/2
65	43.4	50.9	4.3	63/3
60	47.0	55.1	3.6	63/3
53	53.3	62.6	3.5	63/3
49	57.2	67.1	3.4	63/3
45	61.8	72.4	3.2	63/3
40	69.6	81.6	2.9	63/3
37	75.4	88.3	2.7	63/3
34	81.4	95.3	2.5	63/3
32	88.4	103	2.3	63/3
31	91.5	107	3.9	71/3
28	98.9	116	2.1	63/3
28	99.3	116	3.6	71/3
26	107.5	126	3.3	71/3
25	114.4	134	1.8	63/3
23	123.8	145	2.9	71/3
21	134.3	158	2.7	71/3
21	135.4	158	1.5	63/3
19	149.1	174	1.4	63/3
18	154.8	182	2.3	71/3
17	163.2	192	2.2	71/3
17	164.7	192	1.2	63/3
16	181.3	212	1.1	63/3
15	191.6	225	2.0	71/3
14	201.0	235	3.9	90/3
13	216.9	253	0.9	63/3
13	220.8	259	1.7	71/3
13	224.4	263	3.5	90/3
11	253.2	296	3.1	90/3

$n_1 = 1400 \text{ min}^{-1}$				
468	3.0	7.2	11.1	63/2
360	3.9	9.3	11.8	63/2
322	4.3	10.4	12.5	63/2
278	5.0	12.1	11.6	63/2
249	5.6	13.5	11.9	63/2
226	6.2	14.8	10.8	63/2
216	6.5	15.6	10.9	63/2
190	7.4	17.7	10.2	63/2
174	8.0	19.3	10.4	63/2
156	9.0	21.5	9.8	63/2
135	10.4	24.9	8.8	63/2
118	11.8	28.3	8.3	63/2
103	13.5	32.5	7.7	63/2
97	14.4	34.5	6.4	63/2
83	16.9	40.4	6.2	63/2
71	19.8	47.5	5.3	63/2

**3.8 PMP - PCP - PMF - PCF
Gearmotors performances**

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.37 kW

$n_1 = 1400 \text{ min}^{-1}$				
68	20.5	49.2	4.7	63/2
58	24.1	56.6	4.1	63/2
54	26.1	62.6	3.8	63/2
44	31.7	76.1	3.2	63/2
38	36.6	87.7	2.9	63/2
32	43.4	102	2.5	63/3
30	47.0	110	2.3	63/3
28	50.5	121	3.8	71/2
26	53.3	125	2.0	63/3
26	53.5	126	3.7	71/3
24	57.2	134	1.9	63/3
23	60.8	143	3.2	71/3
23	61.8	145	1.7	63/3
22	64.2	151	3.1	71/3
20	69.6	163	1.5	63/3
19	75.4	176	1.4	63/3
19	75.4	177	2.6	71/3
17	81.4	190	1.3	63/3
16	86.8	204	2.3	71/3
16	88.4	206	1.2	63/3
15	91.5	215	2.1	71/3
15	93.3	219	4.2	90/3
14	98.9	231	1.1	63/3
14	99.3	233	2.0	71/3
14	100.6	236	3.9	90/3
13	107.5	252	1.8	71/3
13	108.9	256	3.6	90/3
12	114.4	267	0.9	63/3
11	123.8	290	1.6	71/3
11	125.0	293	3.1	90/3
10	134.3	315	1.5	71/3
10	135.4	316	0.8	63/3
10	141.0	331	2.8	90/3
9.1	154.8	363	1.3	71/3
9.0	155.2	364	2.5	90/3
8.6	163.2	382	1.2	71/3
7.9	178.1	417	2.2	90/3
7.3	191.6	448	1.1	71/3
7.0	201.0	470	1.9	90/3
6.4	220.8	516	1.0	71/3
6.3	224.4	524	1.7	90/3
5.6	253.2	591	1.5	90/3

$n_1 = 900 \text{ min}^{-1}$				
301	3.0	11.2	7.6	63/2
231	3.9	14.5	7.9	63/2
207	4.3	16.2	8.3	63/2
179	5.0	18.8	8.0	63/2
160	5.6	20.9	8.1	63/2
145	6.2	23.1	7.6	63/2
139	6.5	24.2	7.6	63/2
122	7.4	27.5	6.9	63/2
112	8.0	30.0	7.2	63/2
100	9.0	33.5	6.9	63/2
87	10.4	38.8	6.2	63/2
76	11.8	44.1	5.8	63/2

**3.8 Leistungen der PMP - PCP -
PMF - PCF Getriebemotoren**

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.37 kW

$n_1 = 900 \text{ min}^{-1}$				
66	13.5	50.5	5.1	63/2
63	14.4	53.6	4.3	63/2
53	16.9	62.9	4.1	63/2
45	19.8	73.9	3.5	63/2
44	20.5	76.5	3.1	63/2
37	24.1	88.0	2.8	63/2
34	26.1	97.3	2.6	63/2
28	31.7	118	2.1	63/2
27	33.1	123	3.3	71/2
25	36.6	136	1.8	63/2
24	37.3	139	2.9	71/2
23	39.5	144	3.3	71/3
21	43.4	158	1.6	63/3
20	44.7	167	2.8	71/2
19	47.0	172	1.5	63/3
18	50.5	188	2.4	71/2
17	53.3	195	1.3	63/3
17	53.5	195	2.4	71/3
16	57.2	209	1.2	63/3
15	60.8	222	2.1	71/3
15	61.8	226	1.1	63/3
14	62.3	228	4.2	90/3
14	64.2	234	2.0	71/3
13	69.6	254	1.0	63/3
13	70.6	258	3.7	90/3
12	75.4	275	1.7	71/3
12	75.4	275	0.9	63/3
12	76.3	279	3.4	90/3
11	81.4	297	0.9	63/3
11	82.8	302	3.1	90/3
10	86.8	317	1.5	71/3
10	88.4	323	0.8	63/3
10	91.5	334	1.4	71/3
10	93.3	341	2.8	90/3
9.1	99.3	362	1.3	71/3
8.9	100.6	367	2.6	90/3
8.4	107.5	393	1.2	71/3
8.3	108.9	398	2.4	90/3
7.7	117.2	428	4.3	112/3
7.3	123.8	452	1.1	71/3
7.2	125.0	456	2.1	90/3
7.0	128.3	468	4.0	112/3
6.7	134.3	490	1.0	71/3
6.4	141.0	515	1.8	90/3
6.1	148.0	540	3.4	112/3
5.8	154.8	565	0.9	71/3
5.8	155.2	567	1.7	90/3
5.5	163.2	596	0.8	71/3
5.4	167.0	610	3.0	112/3
5.1	178.1	650	1.5	90/3
4.7	191.5	699	2.7	112/3
4.5	201.0	734	1.3	90/3
4.1	220.9	807	2.3	112/3
4.0	224.4	819	1.2	90/3
3.7	241.0	880	2.2	112/3
3.6	253.2	925	1.0	90/3
3.2	278.1	1015	1.9	112/3



3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.55 kW

$n_1 = 2800 \text{ min}^{-1}$				
645	4.3	7.7	12.3	63/2
557	5.0	9.0	12.3	63/2
499	5.6	10.0	12.5	63/2
452	6.2	11.0	11.8	63/2
431	6.5	11.6	11.7	63/2
379	7.4	13.2	10.6	63/2
348	8.0	14.3	10.5	63/2
312	9.0	16.0	10.3	63/2
269	10.4	18.5	9.7	63/2
237	11.8	21.1	9.0	63/2
207	13.5	24.1	8.5	63/2
195	14.4	25.6	7.4	63/2
166	16.9	30.0	7.7	63/2
141	19.8	35.3	6.5	63/2
137	20.5	36.5	5.7	63/2
116	24.1	42.0	5.0	63/2
107	26.1	46.5	4.7	63/2
88	31.7	56.6	3.9	63/2
77	36.6	65.2	3.5	63/2
65	43.4	75.7	2.9	63/3
60	47.0	81.9	2.4	63/3
53	53.3	93.0	2.4	63/3
49	57.2	100	2.3	63/3
46	60.8	106	4.0	71/3
45	61.8	108	2.1	63/3
44	64.2	112	3.8	71/3
40	69.6	121	2.0	63/3
37	75.4	131	1.8	63/3
37	75.4	131	3.2	71/3
34	81.4	142	1.7	63/3
32	86.8	151	2.8	71/3
32	88.4	154	1.6	63/3
31	91.5	160	2.6	71/3
28	98.9	172	1.4	63/3
28	99.3	173	2.4	71/3
26	107.5	188	2.2	71/3
25	114.4	199	1.2	63/3
23	123.8	216	1.9	71/3
22	125.0	218	4.2	90/3
21	134.3	234	1.8	71/3
21	135.4	235	1.0	63/3
20	141.0	246	3.7	90/3
19	149.1	259	0.9	63/3
18	154.8	270	1.6	71/3
18	155.2	270	3.4	90/3
17	163.2	285	1.5	71/3
17	164.7	286	0.8	63/3
16	178.1	310	2.9	90/3
16	181.3	315	0.8	63/3
15	191.6	334	1.3	71/3
14	201.0	350	2.6	90/3
13	220.8	385	1.2	71/3
13	224.4	391	2.3	90/3
11	253.2	441	2.1	90/3

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.55 kW

$n_1 = 1400 \text{ min}^{-1}$				
539	2.6	9.3	14.0	71/2
468	3.0	10.7	7.5	63/2
360	3.9	13.9	7.9	63/2
322	4.3	15.5	8.4	63/2
278	5.0	17.9	7.8	63/2
249	5.6	20.0	8.0	63/2
226	6.2	22.1	7.2	63/2
216	6.5	23.1	7.3	63/2
190	7.4	26.3	6.8	63/2
174	8.0	28.7	7.0	63/2
156	9.0	32.0	6.6	63/2
135	10.4	37.0	5.9	63/2
118	11.8	42.1	5.6	63/2
103	13.5	48.2	5.2	63/2
97	14.4	51.2	4.3	63/2
83	16.9	60.1	4.2	63/2
71	19.8	70.6	3.5	63/2
68	20.5	73.1	3.1	63/2
58	24.1	84.1	2.7	63/2
54	26.1	93.0	2.6	63/2
44	31.7	113	2.1	63/2
42	33.1	118	3.5	71/2
38	36.6	130	1.9	63/2
38	37.3	133	3.1	71/2
35	39.5	138	3.3	71/3
32	43.4	151	1.7	63/3
31	44.7	159	2.9	71/2
30	47.0	164	1.5	63/3
28	50.5	180	2.6	71/2
26	53.3	186	1.3	63/3
26	53.5	187	2.5	71/3
24	57.2	199	1.3	63/3
23	60.8	212	2.2	71/3
23	61.8	215	1.2	63/3
22	62.3	217	4.2	90/3
22	64.2	224	2.1	71/3
20	69.6	242	1.0	63/3
20	70.6	246	3.7	90/3
19	75.4	262	1.0	63/3
19	75.4	263	1.7	71/3
18	76.3	266	3.4	90/3
17	81.4	283	0.9	63/3
17	82.8	289	3.1	90/3
16	86.8	303	1.5	71/3
16	88.4	307	0.8	63/3
15	91.5	319	1.4	71/3
15	93.3	325	2.8	90/3
14	99.3	346	1.3	71/3
14	100.6	351	2.6	90/3
13	107.5	375	1.2	71/3
13	108.9	380	2.4	90/3
12	117.2	407	4.3	112/3
11	123.8	432	1.1	71/3
11	125.0	436	2.1	90/3
11	128.3	446	3.9	112/3

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.55 kW

$n_1 = 1400 \text{ min}^{-1}$				
539	2.6	9.3	14.0	71/2
468	3.0	10.7	7.5	63/2
360	3.9	13.9	7.9	63/2
322	4.3	15.5	8.4	63/2
278	5.0	17.9	7.8	63/2
249	5.6	20.0	8.0	63/2
226	6.2	22.1	7.2	63/2
216	6.5	23.1	7.3	63/2
190	7.4	26.3	6.8	63/2
174	8.0	28.7	7.0	63/2
156	9.0	32.0	6.6	63/2
135	10.4	37.0	5.9	63/2
118	11.8	42.1	5.6	63/2
103	13.5	48.2	5.2	63/2
97	14.4	51.2	4.3	63/2

$n_1 = 900 \text{ min}^{-1}$				
301	3.0	16.6	5.1	63/2
231	3.9	21.6	5.3	63/2
207	4.3	24.1	5.6	63/2
179	5.0	27.9	5.4	63/2
160	5.6	31.1	5.5	63/2
145	6.2	34.3	5.1	63/2
139	6.5	36.0	5.1	63/2
122	7.4	40.9	4.6	63/2
112	8.0	44.6	4.8	63/2
100	9.0	49.8	4.6	63/2
87	10.4	57.6	4.2	63/2
76	11.8	65.5	3.9	63/2
66	13.5	75.0	3.4	63/2
63	14.4	79.7	2.9	63/2
53	16.9	93.5	2.7	63/2
45	19.8	110	2.3	63/2
44	20.5	114	2.1	63/2
41	21.9	121	4.0	71/2
37	24.1	131	1.9	63/2
36	25.3	140	2.9	71/2
34	26.1	145	1.7	63/2
31	28.8	160	2.9	71/2
28	31.7	176	1.4	63/2
27	33.1	183	2.2	71/2
25	36.6	203	1.2	63/2
24	37.3	207	2.0	71/2
23	39.5	215	2.2	71/3
21	43.4	235	1.1	63/3
21	43.7	237	4.0	90/3
20	44.7	248	1.9	71/2
19	47.0	255	1.0	63/3
18	48.8	265	3.6	90/3
18	50.5	280	1.6	71/2
17	53.3	289	0.9	63/3



3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.55 kW

$n_1 = 900 \text{ min}^{-1}$				
17	53.5	290	1.6	71/3
16	55.2	300	3.2	90/3
16	57.2	311	0.8	63/3
15	60.8	330	1.4	71/3
15	61.8	335	0.8	63/3
14	62.3	338	2.8	90/3
14	64.2	348	1.3	71/3
13	70.6	383	2.5	90/3
12	75.4	409	1.1	71/3
12	76.3	414	2.3	90/3
11	82.8	450	2.1	90/3
10	86.8	471	1.0	71/3
10	87.3	474	3.9	112/3
10	91.5	497	0.9	71/3
10	93.3	506	1.9	90/3
10	93.6	508	3.7	112/3
9.1	99.3	539	0.9	71/3
8.9	100.6	546	1.7	90/3
8.4	107.5	584	0.8	71/3
8.3	108.4	588	3.2	112/3
8.3	108.9	591	1.6	90/3
7.7	117.2	636	2.9	112/3
7.2	125.0	678	1.4	90/3
7.0	128.3	696	2.7	112/3
6.4	141.0	765	1.2	90/3
6.1	148.0	803	2.3	112/3
5.8	155.2	842	1.1	90/3
5.4	167.0	907	2.1	112/3
5.1	178.1	967	1.0	90/3
4.7	191.5	1039	1.8	112/3
4.5	201.0	1091	0.9	90/3
4.1	220.9	1199	1.6	112/3
4.0	224.4	1218	0.8	90/3
3.7	241.0	1308	1.5	112/3
3.2	278.1	1509	1.3	112/3

0.75 kW

$n_1 = 2800 \text{ min}^{-1}$				
936	3.0	7.3	10.6	63/2
720	3.9	9.5	9.5	63/2
645	4.3	10.5	9.0	63/2
557	5.0	12.2	9.0	63/2
499	5.6	13.6	9.2	63/2
452	6.2	15.0	8.6	63/2
431	6.5	15.8	8.6	63/2
379	7.4	17.9	7.8	63/2
348	8.0	19.6	7.7	63/2
312	9.0	21.8	7.6	63/2

**3.8 PMP - PCP - PMF - PCF
Gearmotors performances**

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.75 kW

$n_1 = 2800 \text{ min}^{-1}$				
269	10.4	25.3	7.1	63/2
237	11.8	28.7	6.6	63/2
207	13.5	32.9	6.2	63/2
195	14.4	34.9	5.4	63/2
166	16.9	41.0	5.6	63/2
141	19.8	48.2	4.8	63/2
137	20.5	49.8	4.2	63/2
116	24.1	57.3	3.7	63/2
107	26.1	63.4	3.5	63/2
88	31.7	77.1	2.9	63/2
77	36.6	88.9	2.5	63/2
75	37.3	90.7	4.0	71/2
65	43.4	103	2.1	63/3
63	44.7	109	3.7	71/2
60	47.0	112	1.8	63/3
55	50.5	123	3.3	71/2
53	53.3	127	1.7	63/3
52	53.5	127	3.3	71/3
49	57.2	136	1.7	63/3
46	60.8	145	2.9	71/3
45	61.8	147	1.6	63/3
44	64.2	153	2.8	71/3
40	69.6	165	1.5	63/3
37	75.4	179	1.3	63/3
37	75.4	179	2.3	71/3
34	81.4	193	1.2	63/3
34	82.8	197	4.1	90/3
32	86.8	206	2.0	71/3
32	88.4	210	1.1	63/3
31	91.5	218	1.9	71/3
30	93.3	222	3.6	90/3
28	98.9	235	1.0	63/3
28	99.3	236	1.8	71/3
28	100.6	239	3.3	90/3
26	107.5	256	1.6	71/3
26	108.9	259	3.5	90/3
25	114.4	271	0.9	63/3
23	123.8	295	1.4	71/3
22	125.0	297	3.1	90/3
21	134.3	319	1.3	71/3
20	141.0	335	2.7	90/3
18	154.8	368	1.1	71/3
18	155.2	369	2.5	90/3
17	163.2	388	1.1	71/3
17	167.0	397	3.8	112/3
16	178.1	423	2.2	90/3
15	191.5	456	3.3	112/3
15	191.6	456	1.0	71/3
14	201.0	477	1.9	90/3
13	220.8	525	0.9	71/3
13	220.9	526	2.9	112/3
13	224.4	533	1.7	90/3
12	241.0	573	2.6	112/3
11	253.2	601	1.5	90/3

**3.8 Leistungen der PMP - PCP -
PMF - PCF Getriebemotoren**

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.75 kW

$n_1 = 1400 \text{ min}^{-1}$				
539	2.6	12.6	10.3	71/2
468	3.0	14.5	5.5	63/2
360	3.9	18.9	5.8	63/2
322	4.3	21.1	6.2	63/2
278	5.0	24.4	5.7	63/2
249	5.6	27.3	5.9	63/2
226	6.2	30.1	5.3	63/2
216	6.5	31.6	5.4	63/2
190	7.4	35.9	5.0	63/2
174	8.0	39.1	5.1	63/2
156	9.0	43.7	4.8	63/2
135	10.4	50.5	4.4	63/2
118	11.8	57.5	4.1	63/2
103	13.5	65.8	3.8	63/2
97	14.4	69.9	3.1	63/2
83	16.9	81.9	3.1	63/2
71	19.8	96.3	2.6	63/2
68	20.5	100	2.3	63/2
64	21.9	106	4.3	71/2
58	24.1	115	2.0	63/2
55	25.3	123	3.3	71/2
54	26.1	127	1.9	63/2
49	28.8	140	3.3	71/2
44	31.7	154	1.6	63/2
42	33.1	161	2.6	71/2
38	36.6	178	1.4	63/2
38	37.3	181	2.3	71/2
35	39.5	188	2.4	71/3
32	43.4	206	1.2	63/3
31	44.7	217	2.1	71/2
30	47.0	223	1.1	63/3
29	48.8	232	3.9	90/3
28	50.5	245	1.9	71/2
26	53.3	254	1.0	63/3
26	53.5	254	1.8	71/3
25	55.2	263	3.5	90/3
24	57.2	272	0.9	63/3
23	60.8	289	1.6	71/3
23	61.8	293	0.9	63/3
22	62.3	297	3.1	90/3
22	64.2	305	1.5	71/3
20	69.6	330	0.8	63/3
20	70.6	336	2.7	90/3
19	75.4	359	1.3	71/3
18	76.3	363	2.5	90/3
17	82.8	394	2.3	90/3
16	86.8	413	1.1	71/3
16	87.3	415	4.2	112/3
15	91.5	435	1.1	71/3
15	93.3	444	2.1	90/3
15	93.6	444	3.9	112/3
14	99.3	472	1.0	71/3
14	100.6	479	1.9	90/3
13	107.5	512	0.9	71/3



3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.75 kW

$n_1 = 1400 \text{ min}^{-1}$				
13	108.4	514	3.4	112/3
13	108.9	518	1.8	90/3
12	117.2	556	3.2	112/3
11	123.8	589	0.8	71/3
11	125.0	594	1.5	90/3
11	128.3	608	2.9	112/3
10	141.0	670	1.4	90/3
10	148.0	701	2.5	112/3
9.0	155.2	737	1.2	90/3
8.4	167.0	790	2.2	112/3
7.9	178.1	845	1.1	90/3
7.4	191.5	905	1.9	112/3
7.0	201.0	953	1.0	90/3
6.4	220.9	1044	1.7	112/3
6.3	224.4	1063	0.9	90/3
5.9	241.0	1138	1.5	112/3
5.6	253.2	1199	0.8	90/3
5.1	278.1	1312	1.3	112/3

$n_1 = 900 \text{ min}^{-1}$				
301	3.0	22.6	3.8	63/2
231	3.9	29.4	3.9	63/2
207	4.3	32.8	4.1	63/2
179	5.0	38.0	3.9	63/2
160	5.6	42.4	4.0	63/2
145	6.2	46.8	3.7	63/2
139	6.5	49.1	3.8	63/2
122	7.4	55.8	3.4	63/2
112	8.0	60.8	3.5	63/2
100	9.0	67.9	3.4	63/2
87	10.4	78.6	3.1	63/2
76	11.8	89.4	2.9	63/2
73	12.3	92.8	3.3	71/2
66	13.5	102	2.5	63/2
63	14.4	109	2.1	63/2
56	16.1	122	3.9	71/2
53	16.9	127	2.0	63/2
52	17.3	131	3.7	71/2
48	18.7	141	3.4	71/2
45	19.8	150	1.7	63/2
45	20.2	153	3.1	71/2
44	20.5	155	1.5	63/2
41	21.9	166	2.9	71/2
37	24.1	178	1.4	63/2
36	25.3	191	2.1	71/2
34	26.1	197	1.3	63/2
31	28.8	218	2.1	71/2
29	30.5	231	4.0	90/2
28	31.7	240	1.0	63/2
27	33.1	250	1.6	71/2
26	35.0	265	3.4	90/2
25	36.6	277	0.9	63/2
24	37.3	282	1.5	71/2
23	38.7	287	3.3	90/3

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.75 kW

$n_1 = 900 \text{ min}^{-1}$				
23	39.5	293	1.6	71/3
22	40.4	305	2.5	90/2
21	43.7	324	2.9	90/3
20	44.1	333	2.8	90/2
20	44.7	338	1.4	71/2
18	48.8	361	2.6	90/3
18	50.5	382	1.2	71/2
18	50.9	385	2.5	90/2
17	53.5	396	1.2	71/3
16	55.2	408	2.3	90/3
15	58.5	433	4.3	112/3
15	60.8	450	1.0	71/3
14	62.3	461	2.0	90/3
14	62.7	464	4.0	112/3
14	64.2	475	1.0	71/3
13	67.4	498	3.7	112/3
13	70.6	522	1.8	90/3
12	72.6	537	3.5	112/3
12	75.4	558	0.8	71/3
12	76.3	565	1.7	90/3
11	78.5	581	3.2	112/3
11	82.8	613	1.5	90/3
10	87.3	646	2.9	112/3
10	93.3	690	1.4	90/3
10	93.6	693	2.7	112/3
8.9	100.6	744	1.3	90/3
8.3	108.4	802	2.3	112/3
8.3	108.9	806	1.2	90/3
7.7	117.2	867	2.1	112/3
7.2	125.0	925	1.0	90/3
7.0	128.3	949	2.0	112/3
6.4	141.0	1044	0.9	90/3
6.1	148.0	1095	1.7	112/3
5.8	155.2	1149	0.8	90/3
5.4	167.0	1236	1.5	112/3
4.7	191.5	1417	1.3	112/3
4.1	220.9	1635	1.1	112/3
3.7	241.0	1784	1.1	112/3
3.2	278.1	2058	0.9	112/3

0.95 kW

$n_1 = 1400 \text{ min}^{-1}$				
539	2.6	16.0	8.1	71/2
468	3.0	18.4	4.3	63/2
360	3.9	23.9	4.6	63/2
322	4.3	26.7	4.9	63/2
278	5.0	30.9	4.5	63/2
249	5.6	34.5	4.6	63/2
226	6.2	38.1	4.2	63/2
216	6.5	40.0	4.3	63/2
190	7.4	45.5	4.0	63/2
174	8.0	49.5	4.0	63/2

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.95 kW

$n_1 = 1400 \text{ min}^{-1}$				
156	9.0	55.3	3.8	63/2
135	10.4	64.0	3.4	63/2
118	11.8	72.8	3.2	63/2
103	13.5	83.3	3.0	63/2
97	14.4	88.5	2.5	63/2
83	16.9	104	2.4	63/2
81	17.3	107	4.3	71/2
75	18.7	115	4.0	71/2
71	19.8	122	2.0	63/2
69	20.2	124	3.7	71/2
68	20.5	126	1.8	63/2
64	21.9	135	3.4	71/2
58	24.1	145	1.6	63/2
55	25.3	155	2.6	71/2
54	26.1	161	1.5	63/2
49	28.8	177	2.6	71/2
44	31.7	195	1.2	63/2
42	33.1	204	2.0	71/2
38	36.6	225	1.1	63/2
38	37.3	230	1.8	71/2
36	38.7	233	3.9	90/3
35	39.5	238	1.9	71/3
32	43.4	261	1.0	63/3
32	43.7	264	3.5	90/3
31	44.7	275	1.7	71/2
30	47.0	283	0.9	63/3
29	48.8	294	3.1	90/3
28	50.5	311	1.5	71/2
26	53.3	321	0.8	63/3
26	53.5	322	1.4	71/3
25	55.2	333	2.7	90/3
23	60.8	367	1.3	71/3
22	62.3	376	2.4	90/3
22	64.2	387	1.2	71/3
21	67.4	406	4.3	112/3
20	70.6	425	2.1	90/3
19	72.6	438	4.0	112/3
19	75.4	454	1.0	71/3
18	76.3	460	2.0	90/3
18	78.5	473	3.7	112/3
17	82.8	499	1.8	90/3
16	86.8	523	0.9	71/3
16	87.3	525	3.3	112/3
15	91.5	551	0.8	71/3
15	93.3	562	1.6	90/3
15	93.6	563	3.1	112/3
14	99.3	598	0.8	71/3
14	100.6	606	1.5	90/3
13	108.4	651	2.7	112/3
13	108.9	656	1.4	90/3
12	117.2	704	2.5	112/3
11	125.0	753	1.2	90/3
11	128.3	770	2.3	112/3
10	141.0	849	1.1	90/3
10	148.0	887	2.0	112/3
9.0	155.2	933	1.0	90/3



3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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0.95 kW

$n_1 = 1400$ min ⁻¹				
8.4	167.0	1001	1.7	112/3
7.9	178.1	1070	0.9	90/3
7.4	191.5	1147	1.5	112/3
7.0	201.0	1207	0.8	90/3
6.4	220.9	1322	1.3	112/3
5.9	241.0	1441	1.2	112/3
5.1	278.1	1662	1.1	112/3

1.1 kW

$n_1 = 2800$ min ⁻¹				
1079	2.6	9.3	13.0	71/2
936	3.0	10.7	7.2	63/2
720	3.9	13.9	6.5	63/2
645	4.3	15.5	6.1	63/2
557	5.0	17.9	6.1	63/2
499	5.6	20.0	6.3	63/2
452	6.2	22.1	5.9	63/2
431	6.5	23.1	5.8	63/2
379	7.4	26.3	5.3	63/2
348	8.0	28.7	5.2	63/2
312	9.0	32.0	5.2	63/2
269	10.4	37.0	4.9	63/2
237	11.8	42.1	4.5	63/2
207	13.5	48.2	4.2	63/2
195	14.4	51.2	3.7	63/2
166	16.9	60.1	3.8	63/2
141	19.8	70.6	3.3	63/2
137	20.5	73.1	2.9	63/2
116	24.1	84.1	2.5	63/2
111	25.3	90.0	4.0	71/2
107	26.1	93.0	2.4	63/2
97	28.8	103	4.0	71/2
88	31.7	113	1.9	63/2
85	33.1	118	3.1	71/2
77	36.6	130	1.7	63/2
75	37.3	133	2.7	71/2
71	39.5	138	3.0	71/3
65	43.4	151	1.5	63/3
63	44.7	159	2.5	71/2
60	47.0	164	1.2	63/3
55	50.5	180	2.2	71/2
53	53.3	186	1.2	63/3
52	53.5	187	2.3	71/3
51	55.2	193	3.7	90/3
49	57.2	200	1.2	63/3
46	60.8	212	2.0	71/3
45	61.8	215	1.1	63/3
45	62.3	217	3.4	90/3
44	64.2	224	1.9	71/3
40	69.6	243	1.0	63/3
40	70.6	246	3.2	90/3
37	75.4	263	0.9	63/3

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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1.1 kW

$n_1 = 2800$ min ⁻¹				
37	75.4	263	1.6	71/3
37	76.3	266	3.0	90/3
34	81.4	283	0.8	63/3
34	82.8	289	2.8	90/3
32	86.8	303	1.4	71/3
32	88.4	308	0.8	63/3
31	91.5	319	1.3	71/3
30	93.3	325	2.5	90/3
28	98.9	344	0.7	63/3
28	99.3	346	1.2	71/3
28	100.6	351	2.3	90/3
26	107.5	375	1.1	71/3
26	108.4	378	4.0	112/3
26	108.9	380	2.4	90/3
25	114.4	398	0.6	63/3
24	117.2	409	3.7	112/3
23	123.8	432	1.0	71/3
22	125.0	436	2.1	90/3
22	128.3	448	3.4	112/3
21	134.3	469	0.9	71/3
21	135.4	471	0.5	63/3
20	141.0	492	1.9	90/3
19	148.0	516	2.9	112/3
19	149.1	518	0.5	63/3
18	154.8	540	0.8	71/3
18	155.2	541	1.7	90/3
17	164.7	572	0.4	63/3
17	167.0	583	2.6	112/3
16	178.1	621	1.5	90/3
16	181.3	630	0.4	63/3
15	191.5	668	2.2	112/3
14	201.0	700	1.3	90/3
13	216.9	753	0.3	63/3
13	220.9	771	1.9	112/3
13	224.4	781	1.2	90/3
12	241.0	841	1.8	112/3
11	253.2	881	1.0	90/3
10	278.1	970	1.5	112/3

$n_1 = 1400$ min ⁻¹				
539	2.6	18.5	7.0	71/2
468	3.0	21.3	3.7	63/2
360	3.9	27.7	4.0	63/2
322	4.3	30.9	4.2	63/2
278	5.0	35.8	3.9	63/2
249	5.6	40.0	4.0	63/2
226	6.2	44.1	3.6	63/2
216	6.5	46.3	3.7	63/2
190	7.4	52.6	3.4	63/2
174	8.0	57.4	3.5	63/2
156	9.0	64.0	3.3	63/2
135	10.4	74.1	3.0	63/2
118	11.8	84.3	2.8	63/2
114	12.3	87.5	3.4	71/2

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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1.1 kW

$n_1 = 1400$ min ⁻¹				
103	13.5	96.5	2.6	63/2
97	14.4	102	2.1	63/2
87	16.1	115	4.0	71/2
83	16.9	120	2.1	63/2
81	17.3	123	3.7	71/2
75	18.7	133	3.5	71/2
71	19.8	141	1.8	63/2
69	20.2	144	3.2	71/2
68	20.5	146	1.6	63/2
64	21.9	156	2.9	71/2
58	24.1	168	1.4	63/2
55	25.3	180	2.3	71/2
54	26.1	186	1.3	63/2
49	28.8	205	2.2	71/2
46	30.5	218	4.2	90/2
44	31.7	226	1.1	63/2
42	33.1	236	1.7	71/2
40	35.0	249	3.4	90/2
38	36.6	261	1.0	63/2
38	37.3	266	1.5	71/2
36	38.7	270	3.4	90/3
35	39.5	276	1.7	71/3
35	40.4	288	2.5	90/2
32	43.7	305	3.0	90/3
32	44.1	314	2.7	90/2
31	44.7	319	1.4	71/2
29	48.8	340	2.7	90/3
28	50.5	360	1.3	71/2
28	50.9	363	2.4	90/2
26	53.5	373	1.2	71/3
25	55.2	385	2.4	90/3
24	58.5	408	4.3	112/3
23	60.8	425	1.1	71/3
22	62.3	435	2.1	90/3
22	62.7	437	4.0	112/3
22	64.2	448	1.0	71/3
21	67.4	470	3.7	112/3
20	70.6	492	1.8	90/3
19	72.6	507	3.5	112/3
19	75.4	526	0.9	71/3
18	76.3	533	1.7	90/3
18	78.5	547	3.2	112/3
17	82.8	578	1.6	90/3
16	86.8	605	0.8	71/3
16	87.3	608	2.9	112/3
15	93.3	651	1.4	90/3
15	93.6	652	2.7	112/3
14	100.6	702	1.3	90/3
13	108.4	754	2.3	112/3
13	108.9	760	1.2	90/3
12	117.2	815	2.1	112/3
11	125.0	871	1.0	90/3
11	128.3	891	2.0	112/3
10	141.0	983	0.9	90/3

3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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1.1 kW

$n_1 = 1400$ min ⁻¹				
10	148.0	1028	1.7	112/3
9.0	155.2	1081	0.8	90/3
8.4	167.0	1159	1.5	112/3
7.4	191.5	1328	1.3	112/3
6.4	220.9	1531	1.1	112/3
5.9	241.0	1669	1.0	112/3
5.1	278.1	1924	0.9	112/3

$n_1 = 900$ min ⁻¹				
347	2.6	28.8	4.5	71/2
301	3.0	33.2	2.6	63/2
283	3.2	35.3	4.3	71/2
240	3.8	41.6	4.3	71/2
231	3.9	43.1	2.7	63/2
207	4.3	48.1	2.8	63/2
179	5.0	55.7	2.7	63/2
171	5.3	58.5	3.9	71/2
160	5.6	62.2	2.7	63/2
145	6.2	68.7	2.5	63/2
145	6.2	69.0	4.3	71/2
139	6.5	72.0	2.6	63/2
127	7.1	78.5	4.2	71/2
122	7.4	81.9	2.3	63/2
112	8.0	89.2	2.4	63/2
104	8.7	96.2	3.6	71/2
100	9.0	100	2.3	63/2
88	10.2	114	4.1	71/2
87	10.4	115	2.1	63/2
78	11.6	128	3.7	71/2
76	11.8	131	1.9	63/2
73	12.3	136	2.3	71/2
66	13.5	150	1.7	63/2
64	14.0	156	3.1	71/2
63	14.4	159	1.4	63/2
56	16.1	179	2.7	71/2
53	16.9	187	1.4	63/2
52	17.3	192	2.5	71/2
48	18.7	207	2.3	71/2
45	19.8	220	4.2	90/2
45	19.8	220	1.2	63/2
45	20.2	224	2.1	71/2
44	20.5	227	1.1	63/2
42	21.4	238	3.9	90/2
41	21.9	243	2.0	71/2
37	24.1	262	0.9	63/2
36	25.0	277	3.3	90/2
36	25.3	280	1.5	71/2
34	26.1	289	0.9	63/2
32	27.7	307	3.0	90/2
31	28.8	319	1.4	71/2
29	30.5	339	2.7	90/2
27	33.1	367	1.1	71/2
26	35.0	388	2.3	90/2

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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1.1 kW

$n_1 = 900$ min ⁻¹				
24	37.3	414	1.0	71/2
23	38.7	420	2.2	90/3
23	39.5	429	1.1	71/3
22	40.4	448	1.7	90/2
21	43.7	475	2.0	90/3
20	44.1	489	1.9	90/2
20	44.7	496	0.9	71/2
18	48.8	530	1.8	90/3
18	50.5	560	0.8	71/2
18	50.9	564	1.7	90/2
18	51.2	556	3.3	112/3
17	53.5	581	0.8	71/3
16	55.2	599	1.6	90/3
15	58.5	635	2.9	112/3
14	62.3	677	1.4	90/3
14	62.7	681	2.7	112/3
13	67.4	731	2.5	112/3
13	70.6	766	1.2	90/3
12	72.6	788	2.4	112/3
12	76.3	828	1.1	90/3
11	78.5	852	2.2	112/3
11	82.8	899	1.1	90/3
10	87.3	948	2.0	112/3
10	93.3	1013	0.9	90/3
10	93.6	1016	1.8	112/3
8.9	100.6	1092	0.9	90/3
8.3	108.4	1177	1.6	112/3
8.3	108.9	1182	0.8	90/3
7.7	117.2	1272	1.5	112/3
7.0	128.3	1392	1.3	112/3
6.1	148.0	1606	1.2	112/3
5.4	167.0	1813	1.0	112/3
4.7	191.5	2079	0.9	112/3
4.1	220.9	2398	0.8	112/3

1.5 kW

$n_1 = 2800$ min ⁻¹				
1079	2.6	12.6	9.5	71/2
936	3.0	14.5	5.3	63/2
720	3.9	18.9	4.8	63/2
645	4.3	21.1	4.5	63/2
557	5.0	24.4	4.5	63/2
499	5.6	27.3	4.6	63/2
452	6.2	30.1	4.3	63/2
431	6.5	31.6	4.3	63/2
379	7.4	35.9	3.9	63/2
348	8.0	39.1	3.8	63/2
312	9.0	43.7	3.8	63/2
269	10.4	50.5	3.6	63/2
237	11.8	57.5	3.3	63/2
207	13.5	65.8	3.1	63/2

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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1.5 kW

$n_1 = 2800$ min ⁻¹				
195	14.4	69.9	2.7	63/2
166	16.9	81.9	2.8	63/2
141	19.8	96.3	2.4	63/2
139	20.2	98.1	4.3	71/2
137	20.5	100	2.1	63/2
128	21.9	106	3.9	71/2
116	24.1	115	1.8	63/2
111	25.3	123	2.9	71/2
107	26.1	127	1.7	63/2
97	28.8	140	2.9	71/2
88	31.7	154	1.4	63/2
85	33.1	161	2.3	71/2
80	35.0	170	4.1	90/2
77	36.6	178	1.3	63/2
75	37.3	181	2.0	71/2
72	38.7	184	3.8	90/3
71	39.5	188	2.2	71/3
69	40.4	196	3.0	90/2
64	43.7	208	3.6	90/3
64	44.1	214	3.3	90/2
63	44.7	217	1.8	71/2
57	48.8	232	3.2	90/3
55	50.5	245	1.6	71/2
55	50.9	247	2.8	90/2
52	53.5	254	1.7	71/3
51	55.2	263	2.7	90/3
46	60.8	289	1.5	71/3
45	62.3	297	2.5	90/3
44	64.2	305	1.4	71/3
40	70.6	336	2.4	90/3
37	75.4	359	1.2	71/3
37	76.3	363	2.2	90/3
36	78.5	374	4.0	112/3
34	82.8	394	2.0	90/3
32	86.8	413	1.0	71/3
32	87.3	415	3.6	112/3
31	91.5	435	1.0	71/3
30	93.3	444	1.8	90/3
30	93.6	445	3.4	112/3
28	99.3	472	0.9	71/3
28	100.6	479	1.7	90/3
26	107.5	512	0.8	71/3
26	108.4	516	2.9	112/3
26	108.9	518	1.8	90/3
24	117.2	558	2.7	112/3
22	125.0	594	1.5	90/3
22	128.3	610	2.5	112/3
20	141.0	670	1.4	90/3
19	148.0	704	2.1	112/3
18	155.2	738	1.2	90/3
17	167.0	795	1.9	112/3
16	178.1	846	1.1	90/3
15	191.5	911	1.6	112/3
14	201.0	955	1.0	90/3



3.8 Tech. data převodovek s elektro-
motory PMP PCP PMF - CPF

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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1.5 kW

$n_1 = 2800 \text{ min}^{-1}$				
13	220.9	1051	1.4	112/3
13	224.4	1065	0.9	90/3
12	241.0	1147	1.3	112/3
11	253.2	1202	0.8	90/3
10	278.1	1323	1.1	112/3

$n_1 = 1400 \text{ min}^{-1}$				
539	2.6	25.2	5.2	71/2
468	3.0	29.1	2.7	63/2
360	3.9	37.8	2.9	63/2
322	4.3	42.2	3.1	63/2
278	5.0	48.9	2.9	63/2
265	5.3	51.3	4.1	71/2
249	5.6	54.5	2.9	63/2
226	6.2	60.2	2.7	63/2
216	6.5	63.1	2.7	63/2
190	7.4	71.8	2.5	63/2
174	8.0	78.2	2.6	63/2
161	8.7	84.3	3.7	71/2
156	9.0	87.3	2.4	63/2
137	10.2	100	4.2	71/2
135	10.4	101	2.2	63/2
121	11.6	112	3.8	71/2
118	11.8	115	2.0	63/2
114	12.3	119	2.5	71/2
103	13.5	132	1.9	63/2
100	14.0	136	3.3	71/2
97	14.4	140	1.6	63/2
87	16.1	157	2.9	71/2
83	16.9	164	1.5	63/2
81	17.3	168	2.7	71/2
75	18.7	181	2.5	71/2
71	19.8	193	1.3	63/2
69	20.2	196	2.3	71/2
68	20.5	199	1.2	63/2
64	21.9	213	2.2	71/2
58	24.1	229	1.0	63/2
56	25.0	243	3.8	90/2
55	25.3	245	1.7	71/2
54	26.1	254	0.9	63/2
50	27.7	270	3.4	90/2
49	28.8	280	1.6	71/2
46	30.5	297	3.1	90/2
44	31.7	308	0.8	63/2
42	33.1	321	1.3	71/2
40	35.0	340	2.5	90/2
38	37.3	363	1.1	71/2
36	38.7	368	2.5	90/3
35	39.5	376	1.2	71/3
35	40.4	393	1.8	90/2
32	43.7	416	2.2	90/3
32	44.1	429	2.0	90/2
31	44.7	435	1.1	71/2

3.8 PMP - PCP - PMF - PCF
Gearmotors performances

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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1.5 kW

$n_1 = 1400 \text{ min}^{-1}$				
29	48.8	464	2.0	90/3
28	50.5	491	0.9	71/2
28	50.9	494	1.7	90/2
27	51.2	487	3.5	112/3
26	53.5	509	0.9	71/3
25	55.2	525	1.7	90/3
24	58.5	556	3.1	112/3
23	60.8	579	0.8	71/3
22	62.3	593	1.5	90/3
22	62.7	597	2.9	112/3
22	64.2	611	0.8	71/3
21	67.4	641	2.7	112/3
20	70.6	671	1.4	90/3
19	72.6	691	2.5	112/3
18	76.3	726	1.3	90/3
18	78.5	747	2.3	112/3
17	82.8	788	1.2	90/3
16	87.3	829	2.1	112/3
15	93.3	888	1.0	90/3
15	93.6	889	2.0	112/3
14	100.6	957	1.0	90/3
13	108.4	1029	1.7	112/3
13	108.9	1036	0.9	90/3
12	117.2	1111	1.6	112/3
11	125.0	1188	0.8	90/3
11	128.3	1215	1.4	112/3
10	148.0	1401	1.2	112/3
8.4	167.0	1580	1.1	112/3
7.4	191.5	1811	1.0	112/3
6.4	220.9	2087	0.8	112/3
5.9	241.0	2276	0.8	112/3

$n_1 = 900 \text{ min}^{-1}$				
347	2.6	39.3	3.3	71/2
301	3.0	45.3	1.9	63/2
283	3.2	48.1	3.1	71/2
240	3.8	56.8	3.2	71/2
231	3.9	58.8	2.0	63/2
209	4.3	65.1	3.2	71/2
207	4.3	65.6	2.1	63/2
179	5.0	76.0	2.0	63/2
171	5.3	79.8	2.9	71/2
160	5.6	84.8	2.0	63/2
145	6.2	93.6	1.9	63/2
145	6.2	94.1	3.2	71/2
139	6.5	98.2	1.9	63/2
127	7.1	107	3.1	71/2
122	7.4	112	1.7	63/2
112	8.0	122	1.8	63/2
104	8.7	131	2.7	71/2
100	9.0	136	1.7	63/2
88	10.2	155	3.0	71/2
87	10.4	157	1.5	63/2

3.8 Leistungen der PMP - PCP -
PMF - PCF Getriebemotoren

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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1.5 kW

$n_1 = 900 \text{ min}^{-1}$				
78	11.6	175	2.7	71/2
76	11.8	179	1.4	63/2
73	12.3	186	1.7	71/2
66	13.5	205	1.2	63/2
64	14.0	212	2.3	71/2
63	14.4	217	1.1	63/2
56	16.0	241	3.8	90/2
56	16.1	244	2.0	71/2
53	16.9	255	1.0	63/2
53	17.1	259	3.6	90/2
52	17.3	262	1.8	71/2
48	18.7	282	1.7	71/2
45	19.8	300	3.1	90/2
45	19.8	300	0.9	63/2
45	20.2	305	1.6	71/2
44	20.5	310	0.8	63/2
42	21.4	324	2.8	90/2
41	21.9	331	1.4	71/2
36	25.0	377	2.4	90/2
36	25.3	382	1.1	71/2
32	27.7	419	2.2	90/2
31	28.8	436	1.1	71/2
31	29.1	441	4.2	112/2
29	30.5	462	2.0	90/2
28	32.3	489	3.8	112/2
27	33.1	500	0.8	71/2
26	35.0	529	1.7	90/2
23	38.7	573	51.6	90/3
23	38.9	588	3.1	112/2
22	40.4	611	1.2	90/2
22	40.7	615	2.9	112/2
21	43.7	647	1.5	90/3
20	44.1	667	1.4	90/2
20	44.7	676	2.7	112/2
18	48.8	722	1.3	90/3
18	48.9	740	2.5	112/2
18	50.9	769	1.2	90/2
18	51.2	758	2.5	112/3
16	55.2	817	1.2	90/3
15	58.5	866	2.1	112/3
14	62.3	923	1.0	90/3
14	62.7	928	2.0	112/3
13	67.4	997	1.9	112/3
13	70.6	1044	0.9	90/3
12	72.6	1075	1.7	112/3
12	76.3	1130	0.8	90/3
11	78.5	1162	1.6	112/3
11	82.8	1226	0.8	90/3
10	87.3	1292	1.4	112/3
10	93.6	1385	1.3	112/3
8.3	108.4	1605	1.2	112/3
7.7	117.2	1735	1.1	112/3
7.0	128.3	1899	1.0	112/3
6.1	148.0	2191	0.8	112/3
5.4	167.0	2472	0.8	112/3



3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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1.8 kW

$n_1 = 1400$ min ⁻¹				
539	2.6	30.3	4.3	71/2
468	3.0	34.9	2.3	63/2
440	3.2	37.1	4.0	71/2
373	3.8	43.8	4.0	71/2
360	3.9	45.4	2.4	63/2
325	4.3	50.2	4.0	71/2
322	4.3	50.6	2.6	63/2
278	5.0	58.6	2.4	63/2
265	5.3	61.5	3.4	71/2
249	5.6	65.5	2.4	63/2
226	6.2	72.2	2.2	63/2
225	6.2	72.6	3.6	71/2
216	6.5	75.7	2.2	63/2
198	7.1	82.6	3.6	71/2
190	7.4	86.1	2.1	63/2
174	8.0	93.9	2.1	63/2
161	8.7	101	3.1	71/2
156	9.0	105	2.0	63/2
137	10.2	119	3.5	71/2
135	10.4	121	1.8	63/2
121	11.6	135	3.2	71/2
118	11.8	138	1.7	63/2
114	12.3	143	2.1	71/2
103	13.5	158	1.6	63/2
100	14.0	164	2.7	71/2
97	14.4	168	1.3	63/2
87	16.1	188	2.4	71/2
83	16.9	197	1.3	63/2
81	17.3	202	2.3	71/2
75	18.7	218	2.1	71/2
71	19.8	231	3.9	90/2
71	19.8	231	1.1	63/2
69	20.2	235	2.0	71/2
68	20.5	239	1.0	63/2
65	21.4	250	3.6	90/2
64	21.9	256	1.8	71/2
58	24.1	275	0.8	63/2
56	25.0	291	3.1	90/2
55	25.3	295	1.4	71/2
54	26.1	304	0.8	63/2
50	27.7	323	2.8	90/2
49	28.8	336	1.4	71/2
46	30.5	356	2.6	90/2
42	33.1	386	1.1	71/2
40	35.0	408	2.1	90/2
38	37.3	435	0.9	71/2
36	38.7	442	2.1	90/3
35	39.5	451	1.0	71/3
35	40.4	471	1.5	90/2
32	43.7	499	1.8	90/3
32	44.1	514	1.7	90/2
31	44.7	522	0.9	71/2
29	48.8	557	1.6	90/3
28	50.5	589	0.8	71/2

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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1.8 kW

$n_1 = 1400$ min ⁻¹				
28	50.9	593	1.4	90/2
27	51.2	585	2.9	112/3
26	53.5	611	0.8	71/3
25	55.2	630	1.4	90/3
24	58.5	668	2.6	112/3
22	62.3	712	1.3	90/3
22	62.7	716	2.4	112/3
21	67.4	769	2.3	112/3
20	70.6	806	1.1	90/3
19	72.6	829	2.1	112/3
18	76.3	871	1.0	90/3
18	78.5	896	2.0	112/3
17	82.8	946	1.0	90/3
16	87.3	995	1.8	112/3
15	93.3	1065	0.9	90/3
15	93.6	1066	1.6	112/3
14	100.6	1148	0.8	90/3
13	108.4	1234	1.4	112/3
12	117.2	1333	1.3	112/3
11	128.3	1459	1.2	112/3
10	148.0	1681	1.0	112/3
8.4	167.0	1897	0.9	112/3
7.4	191.5	2173	0.8	112/3

2.2 kW

$n_1 = 2800$ min ⁻¹				
936	3.0	21.3	3.6	63/2
720	3.9	27.7	3.2	63/2
645	4.3	30.9	3.1	63/2
557	5.0	35.8	3.1	63/2
499	5.6	40.0	3.1	63/2
452	6.2	44.1	2.9	63/2
431	6.5	46.3	2.9	63/2
379	7.4	52.6	2.7	63/2
348	8.0	57.4	2.6	63/2
312	9.0	64.0	2.6	63/2
269	10.4	74.1	2.4	63/2
237	11.8	84.3	2.3	63/2
228	12.3	87.5	3.2	71/2
207	13.5	96.5	2.1	63/2
200	14.0	100	4.0	71/2
195	14.4	102	1.9	63/2
174	16.1	115	3.7	71/2
166	16.9	120	1.9	63/2
162	17.3	123	3.4	71/2
150	18.7	133	3.2	71/2
141	19.8	141	1.6	63/2
139	20.2	144	2.9	71/2
137	20.5	146	1.4	63/2
128	21.9	156	2.7	71/2

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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2.2 kW

$n_1 = 2800$ min ⁻¹				
116	24.1	168	1.2	63/2
112	25.0	178	4.2	90/2
111	25.3	180	2.0	71/2
107	26.1	186	1.2	63/2
101	27.7	198	3.7	90/2
97	28.8	205	2.0	71/2
92	30.5	218	3.4	90/2
88	31.7	226	1.0	63/2
85	33.1	236	1.6	71/2
80	35.0	249	2.8	90/2
77	36.6	261	0.9	63/2
75	37.3	266	1.4	71/2
72	38.7	270	2.6	90/3
71	39.5	276	1.5	71/3
69	40.4	288	2.0	90/2
64	43.7	305	2.5	90/3
64	44.1	314	2.2	90/2
63	44.7	319	1.3	71/2
57	48.8	340	2.2	90/3
55	50.5	360	1.1	71/2
55	50.9	363	1.9	90/2
55	51.2	357	3.8	112/3
52	53.5	373	1.1	71/3
51	55.2	385	1.9	90/3
48	58.5	408	3.4	112/3
46	60.8	425	1.0	71/3
45	62.3	435	1.7	90/3
45	62.7	437	3.2	112/3
44	64.2	448	0.9	71/3
42	67.4	470	3.1	112/3
40	70.6	492	1.6	90/3
39	72.6	507	3.0	112/3
37	75.4	526	0.8	71/3
37	76.3	533	1.5	90/3
36	78.5	548	2.7	112/3
34	82.8	578	1.4	90/3
32	87.3	609	2.5	112/3
30	93.3	651	1.2	90/3
30	93.6	653	2.3	112/3
28	100.6	702	1.1	90/3
26	108.4	756	2.0	112/3
26	108.9	760	1.2	90/3
24	117.2	818	1.8	112/3
22	125.0	872	1.0	90/3
22	128.3	895	1.7	112/3
20	141.0	984	0.9	90/3
19	148.0	1033	1.5	112/3
18	155.2	1083	0.8	90/3
17	167.0	1166	1.3	112/3
15	191.5	1336	1.1	112/3
13	220.9	1542	1.0	112/3
12	241.0	1682	0.9	112/3
10	278.1	1940	0.8	112/3



3.8 Tech. data převodovek s elektro-
motory PMP PCP PMF - CPF

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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2.2 kW

$n_1 = 1400 \text{ min}^{-1}$				
539	2.6	37.0	3.5	71/2
468	3.0	42.7	1.9	63/2
440	3.2	45.3	3.3	71/2
373	3.8	53.5	3.3	71/2
360	3.9	55.4	2.0	63/2
325	4.3	61.4	3.3	71/2
322	4.3	61.9	2.1	63/2
278	5.0	71.7	2.0	63/2
265	5.3	75.2	2.8	71/2
249	5.6	80.0	2.0	63/2
226	6.2	88.3	1.8	63/2
225	6.2	88.8	2.9	71/2
216	6.5	92.6	1.8	63/2
198	7.1	101	3.0	71/2
190	7.4	105	1.7	63/2
174	8.0	115	1.7	63/2
161	8.7	124	2.5	71/2
156	9.0	128	1.6	63/2
137	10.2	146	2.9	71/2
135	10.4	148	1.5	63/2
121	11.6	165	2.6	71/2
118	11.8	169	1.4	63/2
114	12.3	175	1.7	71/2
103	13.5	193	1.3	63/2
100	14.0	200	2.2	71/2
97	14.4	205	1.1	63/2
88	16.0	227	4.0	90/2
87	16.1	230	2.0	71/2
83	16.9	240	1.0	63/2
82	17.1	244	3.7	90/2
81	17.3	247	1.9	71/2
75	18.7	266	1.7	71/2
71	19.8	282	3.2	90/2
71	19.8	283	0.9	63/2
69	20.2	288	1.6	71/2
68	20.5	292	0.8	63/2
65	21.4	305	3.0	90/2
64	21.9	312	1.5	71/2
56	25.0	356	2.6	90/2
55	25.3	360	1.1	71/2
50	27.7	395	2.3	90/2
49	28.8	411	1.1	71/2
46	30.5	435	2.1	90/2
43	32.3	461	3.8	112/2
42	33.1	471	0.9	71/2
40	35.0	499	1.7	90/2
38	37.3	532	0.8	71/2
36	38.7	540	1.7	90/3
36	38.9	554	3.2	112/2
35	40.4	576	1.3	90/2
34	40.7	580	3.0	112/2
32	43.7	610	1.5	90/3
32	44.1	629	1.4	90/2
31	44.7	638	2.7	112/2
29	48.8	681	1.3	90/3

3.8 PMP - PCP - PMF - PCF
Gearmotors performances

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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2.2 kW

$n_1 = 1400 \text{ min}^{-1}$				
29	48.9	698	2.5	112/2
28	50.9	725	1.2	90/2
27	51.2	714	2.4	112/3
25	55.2	770	1.2	90/3
24	58.5	816	2.1	112/3
22	62.3	870	1.0	90/3
22	62.7	875	2.0	112/3
21	67.4	940	1.9	112/3
20	70.6	985	0.9	90/3
19	72.6	1013	1.7	112/3
18	76.3	1065	0.9	90/3
18	78.5	1096	1.6	112/3
17	82.8	1156	0.8	90/3
16	87.3	1218	1.4	112/3
15	93.6	1306	1.3	112/3
13	108.4	1513	1.2	112/3
12	117.2	1636	1.1	112/3
11	128.3	1790	1.0	112/3
9.5	148.0	2065	0.8	112/3
8.4	167.0	2331	0.8	112/3

$n_1 = 900 \text{ min}^{-1}$				
347	2.6	57.6	2.3	71/2
301	3.0	66.4	1.3	63/2
283	3.2	70.5	2.1	71/2
240	3.8	83.3	2.2	71/2
231	3.9	86.3	1.3	63/2
209	4.3	95.5	2.2	71/2
207	4.3	96.3	1.4	63/2
179	5.0	111	1.3	63/2
171	5.3	117	2.0	71/2
160	5.6	124	1.4	63/2
145	6.2	137	1.3	63/2
145	6.2	138	2.2	71/2
139	6.5	144	1.3	63/2
134	6.7	149	4.0	90/2
127	7.1	157	2.1	71/2
122	7.4	164	1.2	63/2
116	7.8	172	4.1	90/2
112	8.0	178	1.2	63/2
104	8.7	192	1.8	71/2
103	8.7	193	2.9	90/2
100	9.0	199	1.2	63/2
96	9.3	207	2.7	90/2
93	9.7	215	4.1	90/2
88	10.2	227	2.1	71/2
87	10.4	231	1.0	63/2
83	10.9	242	3.8	90/2
78	11.6	257	1.9	71/2
76	11.8	262	1.0	63/2
73	12.3	272	1.1	71/2
73	12.3	273	3.4	90/2
66	13.5	300	0.8	63/2
64	14.0	310	3.0	90/2

3.8 Leistungen der PMP - PCP -
PMF - PCF Getriebemotoren

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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2.2 kW

$n_1 = 900 \text{ min}^{-1}$				
64	14.0	311	1.5	71/2
56	16.0	354	2.6	90/2
56	16.1	357	1.3	71/2
53	17.1	379	2.4	90/2
52	17.3	384	1.3	71/2
48	18.7	414	1.2	71/2
45	19.8	439	2.1	90/2
45	20.2	448	1.1	71/2
45	20.2	448	4.1	112/2
42	21.4	475	1.9	90/2
42	21.7	480	3.9	112/2
41	21.9	486	1.0	71/2
36	25.0	554	1.7	90/2
35	25.4	564	3.1	112/2
32	27.7	615	1.5	90/2
31	29.1	646	2.9	112/2
29	30.5	677	1.4	90/2
28	32.3	717	2.6	112/2
26	35.0	776	1.1	90/2
23	38.7	841	1.1	90/3
23	38.9	862	2.1	112/2
22	40.4	895	0.8	90/2
22	40.7	902	2.0	112/2
21	43.7	949	1.0	90/3
20	44.1	978	1.0	90/2
20	44.7	992	1.8	112/2
18	48.8	1059	0.9	90/3
18	48.9	1086	1.7	112/2
18	50.9	1128	0.8	90/2
18	51.2	1111	1.7	112/3
16	55.2	1198	0.8	90/3
15	58.5	1269	1.5	112/3
14	62.7	1361	1.4	112/3
13	67.4	1462	1.3	112/3
12	72.6	1576	1.2	112/3
11	78.5	1704	1.1	112/3
10	87.3	1895	1.0	112/3
10	93.6	2032	0.9	112/3
8.3	108.4	2353	0.8	112/3

3 kW

$n_1 = 2800 \text{ min}^{-1}$				
1079	2.6	25.2	4.8	71/2
936	3.0	29.1	2.6	63/2
880	3.2	30.9	4.5	71/2
746	3.8	36.5	4.4	71/2
720	3.9	37.8	2.4	63/2
650	4.3	41.9	4.3	71/2
645	4.3	42.2	2.3	63/2
557	5.0	48.9	2.3	63/2

3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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3 kW

$n_1 = 2800$ min ⁻¹				
531	5.3	51.3	3.5	71/2
499	5.6	54.5	2.3	63/2
452	6.2	60.2	2.2	63/2
450	6.2	60.5	3.8	71/2
431	6.5	63.1	2.1	63/2
395	7.1	68.9	3.9	71/2
379	7.4	71.8	2.0	63/2
348	8.0	78.2	1.9	63/2
323	8.7	84.3	3.3	71/2
312	9.0	87.3	1.9	63/2
273	10.2	100	3.7	71/2
269	10.4	101	1.8	63/2
242	11.6	112	3.4	71/2
237	11.8	115	1.7	63/2
228	12.3	119	2.3	71/2
207	13.5	132	1.6	63/2
200	14.0	136	2.9	71/2
195	14.4	140	1.4	63/2
174	16.1	157	2.7	71/2
166	16.9	164	1.4	63/2
162	17.3	168	2.5	71/2
150	18.7	181	2.3	71/2
141	19.8	193	3.8	90/2
141	19.8	193	1.2	63/2
139	20.2	196	2.1	71/2
137	20.5	199	1.1	63/2
131	21.4	208	3.6	90/2
128	21.9	213	2.0	71/2
116	24.1	229	0.9	63/2
112	25.0	243	3.0	90/2
111	25.3	245	1.5	71/2
107	26.1	254	0.9	63/2
101	27.7	270	2.7	90/2
97	28.8	280	1.5	71/2
92	30.5	297	2.5	90/2
85	33.1	321	1.2	71/2
80	35.0	340	2.1	90/2
75	37.3	363	1.0	71/2
72	38.7	368	1.9	90/3
72	38.9	378	3.9	112/2
69	40.4	393	1.5	90/2
69	40.7	396	3.7	112/2
64	43.7	416	1.8	90/3
64	44.1	429	1.6	90/2
63	44.7	435	0.9	71/2
63	44.7	435	3.4	112/2
57	48.8	464	1.6	90/3
57	48.9	476	3.1	112/2
55	50.5	491	0.8	71/2
55	50.9	494	1.4	90/2
55	51.2	487	2.8	112/3
51	55.2	525	1.4	90/3
48	58.5	556	2.5	112/3

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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3 kW

$n_1 = 2800$ min ⁻¹				
45	62.3	593	1.3	90/3
45	62.7	597	2.4	112/3
42	67.4	641	2.2	112/3
40	70.6	671	1.2	90/3
39	72.6	691	2.2	112/3
37	76.3	726	1.1	90/3
36	78.5	747	2.0	112/3
34	82.8	788	1.0	90/3
32	87.3	831	1.8	112/3
30	93.3	888	0.9	90/3
30	93.6	891	1.7	112/3
28	100.6	957	0.8	90/3
26	108.4	1031	1.5	112/3
26	108.9	1036	0.9	90/3
24	117.2	1115	1.3	112/3
22	125.0	1189	0.8	90/3

$n_1 = 1400$ min ⁻¹				
539	2.6	50.5	2.6	71/2
468	3.0	58.2	1.4	63/2
440	3.2	61.8	2.4	71/2
373	3.8	73.0	2.4	71/2
360	3.9	75.6	1.5	63/2
325	4.3	83.7	2.4	71/2
322	4.3	84.4	1.5	63/2
278	5.0	97.7	1.4	63/2
265	5.3	103	2.0	71/2
249	5.6	109	1.5	63/2
226	6.2	120	1.3	63/2
225	6.2	121	2.1	71/2
216	6.5	126	1.3	63/2
198	7.1	138	2.2	71/2
190	7.4	144	1.3	63/2
174	8.0	156	1.3	63/2
161	8.7	169	1.8	71/2
161	8.7	169	3.3	90/2
156	9.0	175	1.2	63/2
150	9.3	181	3.1	90/2
137	10.2	199	2.1	71/2
135	10.4	202	1.1	63/2
128	10.9	212	4.1	90/2
121	11.6	225	1.9	71/2
118	11.8	230	1.0	63/2
114	12.3	239	1.3	71/2
114	12.3	239	3.8	90/2
103	13.5	263	1.0	63/2
100	14.0	272	3.4	90/2
100	14.0	273	1.6	71/2
97	14.4	279	0.8	63/2
88	16.0	310	2.9	90/2
87	16.1	313	1.5	71/2
83	16.9	328	0.8	63/2
82	17.1	333	2.7	90/2
81	17.3	337	1.4	71/2

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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3 kW

$n_1 = 1400$ min ⁻¹				
75	18.7	363	1.3	71/2
71	19.8	385	2.4	90/2
69	20.2	392	1.2	71/2
65	21.4	416	2.2	90/2
65	21.7	421	4.2	112/2
64	21.9	426	1.1	71/2
56	25.0	485	1.9	90/2
55	25.3	491	0.8	71/2
55	25.4	494	3.3	112/2
50	27.7	539	1.7	90/2
49	28.8	560	0.8	71/2
48	29.1	567	3.1	112/2
46	30.5	594	1.5	90/2
43	32.3	629	2.8	112/2
40	35.0	680	1.2	90/2
36	38.7	737	1.2	90/3
36	38.9	756	2.3	112/2
35	40.4	785	0.9	90/2
34	40.7	791	2.2	112/2
32	43.7	832	1.1	90/3
32	44.1	857	1.0	90/2
31	44.7	869	2.0	112/2
29	48.8	928	1.0	90/3
29	48.9	952	1.8	112/2
28	50.9	989	0.9	90/2
27	51.2	974	1.7	112/3
25	55.2	1050	0.9	90/3
24	58.5	1113	1.6	112/3
22	62.3	1186	0.8	90/3
22	62.7	1193	1.5	112/3
21	67.4	1282	1.4	112/3
19	72.6	1382	1.3	112/3
18	78.5	1494	1.2	112/3
16	87.3	1661	1.1	112/3
15	93.6	1781	1.0	112/3
13	108.4	2063	0.8	112/3
12	117.2	2230	0.8	112/3

$n_1 = 900$ min ⁻¹				
330	2.7	82.6	4.0	90/2
213	4.2	128	3.8	90/2
170	5.3	160	3.3	90/2
151	5.9	180	3.1	90/2
134	6.7	203	3.0	90/2
116	7.8	235	3.0	90/2
103	8.7	263	2.1	90/2
96	9.3	282	2.0	90/2
93	9.7	293	3.8	112/2
93	9.7	294	3.0	90/2
83	10.9	330	2.8	90/2
81	11.1	334	3.3	112/2
73	12.3	372	2.5	90/2
64	14.0	422	2.2	90/2
62	14.5	437	3.9	112/2
56	16.0	482	1.9	90/2



3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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3 kW

$n_1 = 900$ min ⁻¹				
55	16.3	494	3.6	112/2
53	17.1	517	1.8	90/2
51	17.7	535	3.4	112/2
45	19.8	599	1.5	90/2
45	20.2	611	3.0	112/2
42	21.4	648	1.4	90/2
42	21.7	655	2.8	112/2
36	25.0	755	1.2	90/2
35	25.4	769	2.2	112/2
32	27.7	839	1.1	90/2
31	29.1	882	2.1	112/2
29	30.5	923	1.0	90/2
28	32.3	978	1.9	112/2
26	35.0	1058	0.8	90/2
23	38.9	1176	1.6	112/2
22	40.7	1231	1.5	112/2
20	44.7	1352	1.3	112/2
18	48.9	1480	1.2	112/2

4 kW

$n_1 = 2800$ min ⁻¹				
1079	2.6	33.6	3.6	71/2
936	3.0	38.8	2.0	63/2
880	3.2	41.2	3.4	71/2
746	3.8	48.7	3.3	71/2
720	3.9	50.4	1.8	63/2
650	4.3	55.8	3.2	71/2
645	4.3	56.3	1.7	63/2
557	5.0	65.2	1.7	63/2
531	5.3	68.4	2.6	71/2
499	5.6	72.7	1.7	63/2
452	6.2	80.3	1.6	63/2
450	6.2	80.7	2.9	71/2
431	6.5	84.2	1.6	63/2
395	7.1	91.8	2.9	71/2
379	7.4	95.7	1.5	63/2
348	8.0	104	1.4	63/2
323	8.7	112	2.5	71/2
322	8.7	113	4.1	90/2
312	9.0	116	1.4	63/2
300	9.3	121	3.8	90/2
273	10.2	133	2.8	71/2
269	10.4	135	1.3	63/2
242	11.6	150	2.5	71/2
237	11.8	153	1.2	63/2
228	12.3	159	1.8	71/2
207	13.5	175	1.2	63/2
200	14.0	181	4.1	90/2
200	14.0	182	2.2	71/2
195	14.4	186	1.0	63/2
175	16.0	207	3.6	90/2
174	16.1	209	2.0	71/2
166	16.9	219	1.1	63/2

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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4 kW

$n_1 = 2800$ min ⁻¹				
164	17.1	222	3.3	90/2
162	17.3	224	1.9	71/2
150	18.7	242	1.7	71/2
141	19.8	257	2.9	90/2
141	19.8	257	0.9	63/2
139	20.2	262	1.6	71/2
137	20.5	266	0.8	63/2
131	21.4	278	2.7	90/2
128	21.9	284	1.5	71/2
112	25.0	324	2.3	90/2
111	25.3	327	1.1	71/2
101	27.7	359	2.1	90/2
97	28.8	373	1.1	71/2
96	29.1	378	3.9	112/2
92	30.5	396	1.9	90/2
87	32.3	419	3.5	112/2
85	33.1	428	0.9	71/2
80	35.0	454	1.5	90/2
75	37.3	484	0.8	71/2
72	38.7	491	1.4	90/3
72	38.9	504	2.9	112/2
69	40.4	523	1.1	90/2
69	40.7	527	2.8	112/2
64	43.7	555	1.4	90/3
64	44.1	571	1.2	90/2
63	44.7	580	2.5	112/2
57	48.8	619	1.2	90/3
57	48.9	634	2.3	112/2
55	50.9	659	1.1	90/2
55	51.2	649	2.1	112/3
51	55.2	700	1.0	90/3
48	58.5	742	1.9	112/3
45	62.3	791	0.9	90/3
45	62.7	795	1.8	112/3
42	67.4	855	1.7	112/3
40	70.6	895	0.9	90/3
39	72.6	921	1.6	112/3
37	76.3	968	0.8	90/3
36	78.5	996	1.5	112/3
34	82.8	1051	0.8	90/3
32	87.3	1107	1.4	112/3
30	93.6	1187	1.3	112/3
26	108.4	1375	1.1	112/3
24	117.2	1487	1.0	112/3
22	128.3	1628	0.9	112/3
19	148.0	1878	0.8	112/3

$n_1 = 1400$ min ⁻¹				
539	2.6	67.3	1.9	71/2
468	3.0	77.6	1.0	63/2
440	3.2	82.4	1.8	71/2
373	3.8	97.3	1.8	71/2
360	3.9	101	1.1	63/2
325	4.3	112	1.8	71/2

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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4 kW

$n_1 = 1400$ min ⁻¹				
322	4.3	113	1.2	63/2
278	5.0	130	1.1	63/2
265	5.3	137	1.5	71/2
264	5.3	137	3.9	90/2
249	5.6	145	1.1	63/2
235	5.9	154	3.6	90/2
226	6.2	161	1.0	63/2
225	6.2	161	1.6	71/2
216	6.5	168	1.0	63/2
209	6.7	174	3.4	90/2
198	7.1	184	1.6	71/2
190	7.4	191	0.9	63/2
181	7.8	201	3.2	90/2
174	8.0	209	1.0	63/2
161	8.7	225	1.4	71/2
161	8.7	226	2.5	90/2
156	9.0	233	0.9	63/2
150	9.3	242	2.3	90/2
144	9.7	252	3.3	90/2
137	10.2	266	1.6	71/2
135	10.4	269	0.8	63/2
128	10.9	283	3.0	90/2
127	11.1	287	3.8	112/2
121	11.6	300	1.4	71/2
118	11.8	306	0.8	63/2
114	12.3	318	0.9	71/2
114	12.3	319	2.9	90/2
100	14.0	362	2.5	90/2
100	14.0	364	1.2	71/2
97	14.5	375	4.1	112/2
88	16.0	414	2.2	90/2
87	16.1	417	1.1	71/2
86	16.3	423	3.8	112/2
82	17.1	443	2.1	90/2
81	17.3	449	1.0	71/2
79	17.7	459	3.7	112/2
75	18.7	484	1.0	71/2
71	19.8	514	1.8	90/2
69	20.2	523	0.9	71/2
69	20.2	524	3.3	112/2
65	21.4	555	1.6	90/2
65	21.7	561	3.1	112/2
64	21.9	568	0.8	71/2
56	25.0	647	1.4	90/2
55	25.4	659	2.5	112/2
50	27.7	719	1.3	90/2
48	29.1	756	2.3	112/2
46	30.5	791	1.1	90/2
43	32.3	838	2.1	112/2
40	35.0	907	0.9	90/2
36	38.7	983	0.9	90/3
36	38.9	1008	1.7	112/2
34	40.7	1055	1.7	112/2
32	43.7	1110	0.8	90/3
32	44.1	1143	0.8	90/2

3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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4 kW

$n_1 = 1400$ min ⁻¹				
31	44.7	1159	1.5	112/2
29	48.9	1269	1.4	112/2
27	51.2	1299	1.3	112/3
24	58.5	1484	1.2	112/3
22	62.7	1591	1.1	112/3
21	67.4	1709	1.0	112/3
19	72.6	1843	0.9	112/3
18	78.5	1992	0.9	112/3

$n_1 = 900$ min ⁻¹				
330	2.7	110	3.0	90/2
213	4.2	171	2.8	90/2
170	5.3	213	2.5	90/2
151	5.9	240	2.3	90/2
148	6.1	246	3.9	112/2
134	6.7	271	2.2	90/2
133	6.8	274	3.7	112/2
116	7.8	313	2.2	90/2
114	7.9	319	3.4	112/2
103	8.7	351	1.6	90/2
101	8.9	360	3.1	112/2
96	9.3	376	1.5	90/2
93	9.7	390	2.8	112/2
93	9.7	391	2.2	90/2
83	10.9	440	2.1	90/2
81	11.1	446	2.5	112/2
73	12.3	496	1.9	90/2
73	12.4	500	3.2	112/2
64	14.0	563	1.6	90/2
62	14.5	583	2.9	112/2
56	16.0	643	1.4	90/2
55	16.3	659	2.7	112/2
53	17.1	690	1.3	90/2
51	17.7	713	2.5	112/2
45	19.8	799	1.2	90/2
45	20.2	814	2.3	112/2
42	21.4	864	1.1	90/2
42	21.7	873	2.1	112/2
36	25.0	1006	0.9	90/2
35	25.4	1025	1.7	112/2
32	27.7	1118	0.8	90/2
31	29.1	1175	1.6	112/2
28	32.3	1304	1.4	112/2
23	38.9	1568	1.2	112/2
22	40.7	1641	1.1	112/2
20	44.7	1803	1.0	112/2
18	48.9	1974	0.9	112/2

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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5.5 kW

$n_1 = 2800$ min ⁻¹				
1026	2.7	48.7	5.5	90/2
662	4.2	75.4	5.2	90/2
529	5.3	94.3	4.6	90/2
471	5.9	106	4.2	90/2
417	6.7	120	4.0	90/2
361	7.8	138	3.8	90/2
322	8.7	155	3.0	90/2
300	9.3	166	2.8	90/2
288	9.7	173	3.8	90/2
257	10.9	194	3.6	90/2
227	12.3	219	3.4	90/2
200	14.0	249	3.0	90/2
175	16.0	284	2.6	90/2
164	17.1	305	2.4	90/2
141	19.8	353	2.1	90/2
139	20.2	360	4.0	112/2
131	21.4	382	1.9	90/2
129	21.7	386	3.8	112/2
112	25.0	445	1.7	90/2
110	25.4	453	3.2	112/2
101	27.7	494	1.5	90/2
96	29.1	519	2.8	112/2
92	30.5	544	1.4	90/2
87	32.3	576	2.5	112/2
80	35.0	624	1.1	90/2
72	38.9	693	2.1	112/2
69	40.4	720	0.8	90/2
69	40.7	725	2.0	112/2
64	44.1	786	0.9	90/2
63	44.7	797	1.8	112/2
57	48.9	872	1.7	112/2
55	50.9	907	0.8	90/2

$n_1 = 1400$ min ⁻¹				
513	2.7	97.3	3.4	90/2
331	4.2	151	3.2	90/2
264	5.3	189	2.8	90/2
235	5.9	212	2.6	90/2
209	6.7	239	2.5	90/2
206	6.8	242	4.1	112/2
181	7.8	276	2.4	90/2
177	7.9	282	3.7	112/2
161	8.7	310	1.8	90/2
157	8.9	319	3.5	112/2
150	9.3	332	1.7	90/2
145	9.7	345	3.2	112/2
144	9.7	346	2.4	90/2
128	10.9	389	2.2	90/2
127	11.1	394	2.8	112/2
114	12.3	439	2.1	90/2
113	12.4	442	3.2	112/2
100	14.0	498	1.8	90/2
97	14.5	516	3.0	112/2
88	16.0	569	1.6	90/2
86	16.3	582	2.8	112/2

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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5.5 kW

$n_1 = 1400$ min ⁻¹				
82	17.1	610	1.5	90/2
79	17.7	631	2.7	112/2
71	19.8	706	1.3	90/2
69	20.2	720	2.4	112/2
65	21.4	763	1.2	90/2
65	21.7	772	2.3	112/2
56	25.0	890	1.0	90/2
55	25.4	906	1.8	112/2
50	27.7	988	0.9	90/2
48	29.1	1039	1.7	112/2
46	30.5	1088	0.8	90/2
43	32.3	1152	1.5	112/2
36	38.9	1386	1.3	112/2
34	40.7	1450	1.2	112/2
31	44.7	1594	1.1	112/2
29	48.9	1745	1.0	112/2

$n_1 = 900$ min ⁻¹				
330	2.7	151	2.2	90/2
311	2.9	161	4.0	112/2
267	3.4	187	3.7	112/2
227	4.0	220	3.9	112/2
213	4.2	234	2.0	90/2
195	4.6	255	3.6	112/2
170	5.3	293	1.8	90/2
151	5.9	330	1.7	90/2
148	6.1	338	2.9	112/2
134	6.7	372	1.6	90/2
133	6.8	376	2.7	112/2
116	7.8	430	1.6	90/2
114	7.9	439	2.5	112/2
103	8.7	482	1.2	90/2
101	8.9	496	2.2	112/2
96	9.3	517	1.1	90/2
93	9.7	537	2.0	112/2
93	9.7	538	1.6	90/2
83	10.9	605	1.5	90/2
81	11.1	613	1.8	112/2
73	12.3	683	1.3	90/2
73	12.4	688	2.3	112/2
64	14.0	774	1.2	90/2
62	14.5	802	2.1	112/2
56	16.0	885	1.0	90/2
55	16.3	906	2.0	112/2
53	17.1	948	1.0	90/2
51	17.7	981	1.8	112/2
45	19.8	1098	0.8	90/2
45	20.2	1120	1.7	112/2
42	21.4	1188	0.8	90/2
42	21.7	1201	1.5	112/2
35	25.4	1409	1.2	112/2
31	29.1	1616	1.1	112/2
28	32.3	1792	1.0	112/2
23	38.9	2156	0.9	112/2
22	40.7	2256	0.8	112/2



**3.8 Tech. data převodovek s elektro-
motory PMP PCP PMF - CPF**

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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7.5 kW

$n_1 = 2800 \text{ min}^{-1}$				
1026	2.7	66.3	4.1	90/2
662	4.2	103	3.8	90/2
529	5.3	129	3.3	90/2
471	5.9	145	3.1	90/2
417	6.7	163	2.9	90/2
361	7.8	188	2.8	90/2
322	8.7	211	2.2	90/2
313	8.9	217	4.1	112/2
300	9.3	227	2.0	90/2
289	9.7	235	3.8	112/2
288	9.7	236	2.8	90/2
257	10.9	265	2.6	90/2
253	11.1	269	3.5	112/2
227	12.3	299	2.5	P90/2
226	12.4	302	3.8	112/2
200	14.0	339	2.2	90/2
194	14.5	352	3.6	112/2
175	16.0	388	1.9	90/2
171	16.3	397	3.3	112/2
164	17.1	416	1.8	90/2
158	17.7	430	3.2	112/2
141	19.8	481	1.5	90/2
139	20.2	491	2.9	112/2
131	21.4	521	1.4	90/2
129	21.7	526	2.8	112/2
112	25.0	607	1.2	90/2
110	25.4	618	2.4	112/2
101	27.7	674	1.1	90/2
96	29.1	708	2.1	112/2
92	30.5	742	1.0	90/2
87	32.3	786	1.9	112/2
80	35.0	851	0.8	90/2
72	38.9	945	1.5	112/2
69	40.7	989	1.5	112/2
63	44.7	1087	1.3	112/2
57	48.9	1190	1.2	112/2

$n_1 = 1400 \text{ min}^{-1}$				
513	2.7	133	2.5	90/2
484	2.9	141	4.3	112/2
416	3.4	164	3.9	112/2
353	4.0	193	3.9	112/2
331	4.2	206	2.3	90/2
304	4.6	224	3.7	112/2
264	5.3	257	2.1	90/2
235	5.9	289	1.9	90/2
230	6.1	296	3.2	112/2
209	6.7	326	1.8	90/2
206	6.8	330	3.0	112/2
181	7.8	377	1.7	90/2
177	7.9	385	2.7	112/2
161	8.7	423	1.3	90/2
157	8.9	434	2.5	112/2
150	9.3	453	1.2	90/2
145	9.7	471	2.3	112/2
144	9.7	472	1.7	90/2

**3.8 PMP - PCP - PMF - PCF
Gearmotors performances**

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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7.5 kW

$n_1 = 1400 \text{ min}^{-1}$				
128	10.9	530	1.6	90/2
127	11.1	537	2.0	112/2
114	12.3	598	1.5	90/2
113	12.4	603	2.4	112/2
100	14.0	679	1.3	90/2
97	14.5	703	2.2	112/2
88	16.0	775	1.2	90/2
86	16.3	794	2.1	112/2
82	17.1	831	1.1	90/2
79	17.7	860	2.0	112/2
71	19.8	963	0.9	90/2
69	20.2	982	1.8	112/2
65	21.4	1041	0.9	90/2
65	21.7	1053	1.7	112/2
56	25.0	1213	0.8	90/2
55	25.4	1236	1.3	112/2
48	29.1	1417	1.2	112/2
43	32.3	1571	1.1	112/2
36	38.9	1890	0.9	112/2

$n_1 = 900 \text{ min}^{-1}$				
311	2.9	219	3.0	112/2
267	3.4	254	2.7	112/2
227	4.0	300	2.8	112/2
195	4.6	348	2.6	112/2
148	6.1	461	2.1	112/2
133	6.8	513	1.9	112/2
114	7.9	599	1.8	112/2
101	8.9	676	1.6	112/2
93	9.7	732	1.5	112/2
81	11.1	836	1.3	112/2
73	12.4	938	1.7	112/2
62	14.5	1094	1.6	112/2
55	16.3	1235	1.5	112/2
51	17.7	1338	1.3	112/2
45	20.2	1527	1.2	112/2
42	21.7	1637	1.1	112/2
35	25.4	1922	0.9	112/2
31	29.1	2204	0.8	112/2
28	32.3	2444	0.8	112/2

9.2 kW

$n_1 = 2800 \text{ min}^{-1}$				
1026	2.7	81.4	3.3	90/2
662	4.2	126	3.1	90/2
529	5.3	158	2.7	90/2
471	5.9	177	2.5	90/2
460	6.1	182	4.2	112/2
417	6.7	200	2.4	90/2
412	6.8	202	4.0	112/2
361	7.8	231	2.2	90/2

**3.8 Leistungen der PMP - PCP -
PMF - PCF Getriebemotoren**

n_2 min ⁻¹	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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9.2 kW

$n_1 = 2800 \text{ min}^{-1}$				
354	7.9	236	3.6	112/2
322	8.7	259	1.8	90/2
313	8.9	266	3.3	112/2
300	9.3	278	1.7	90/2
289	9.7	289	3.1	112/2
288	9.7	289	2.3	90/2
257	10.9	325	2.2	90/2
253	11.1	329	2.9	112/2
227	12.3	367	2.0	90/2
226	12.4	370	3.1	112/2
200	14.0	416	1.8	90/2
194	14.5	431	2.9	112/2
175	16.0	476	1.6	90/2
171	16.3	487	2.7	112/2
164	17.1	510	1.5	90/2
158	17.7	527	2.6	112/2
141	19.8	591	1.3	90/2
139	20.2	602	2.4	112/2
131	21.4	639	1.2	90/2
129	21.7	646	2.3	112/2
112	25.0	744	1.0	90/2
110	25.4	758	1.9	112/2
101	27.7	827	0.9	90/2
96	29.1	869	1.7	112/2
92	30.5	910	0.8	90/2
87	32.3	964	1.5	112/2
72	38.9	1159	1.3	112/2
69	40.7	1213	1.2	112/2
63	44.7	1333	1.1	112/2
57	48.9	1459	1.0	112/2

$n_1 = 1400 \text{ min}^{-1}$				
513	2.7	163	2.0	90/2
484	2.9	173	3.5	112/2
416	3.4	201	3.2	112/2
353	4.0	236	3.2	112/2
331	4.2	252	1.9	90/2
304	4.6	275	3.0	112/2
264	5.3	316	1.7	90/2
235	5.9	355	1.6	90/2
230	6.1	363	2.6	112/2
209	6.7	400	1.5	90/2
206	6.8	405	2.4	112/2
181	7.8	462	1.4	90/2
177	7.9	472	2.2	112/2
161	8.7	519	1.1	90/2
157	8.9	533	2.1	112/2
150	9.3	556	1.0	90/2
145	9.7	577	1.9	112/2
144	9.7	579	1.4	90/2
128	10.9	650	1.3	90/2
127	11.1	659	1.7	112/2
114	12.3	734	1.2	90/2
113	12.4	740	1.9	112/2



3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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9.2 kW

$n_1 = 1400 \text{ min}^{-1}$				
100	14.0	833	1.1	90/2
97	14,5	862	1,8	112/2
88	16,0	951	1,0	90/2
86	16,3	974	1,7	112/2
82	17,1	1020	0,9	90/2
79	17,7	1055	1,6	112/2
71	19,8	1181	0,8	90/2
69	20,2	1204	1,5	112/2
65	21,7	1291	1,4	112/2
55	25,4	1516	1,1	112/2
48	29,1	1738	1,0	112/2
43	32,3	1927	0,9	112/2
36	38,9	2318	0,8	112/2

11 kW

$n_1 = 2800 \text{ min}^{-1}$				
1026	2.7	97.3	2.8	90/2
662	4.2	151	2.6	90/2
608	4.6	164	4.0	112/2
529	5.3	189	2.3	90/2
471	5.9	212	2.1	90/2
460	6.1	217	3.5	112/2
417	6.7	239	2.0	90/2
412	6.8	242	3.3	112/2
361	7.8	276	1.9	90/2
354	7.9	282	3.0	112/2
322	8.7	310	1.5	90/2
313	8.9	319	2.8	112/2
300	9.3	332	1.4	90/2
289	9.7	345	2.6	112/2
288	9.7	346	1.9	90/2
257	10.9	389	1.8	90/2
253	11.1	394	2.4	112/2
227	12.3	439	1.7	90/2
226	12.4	442	2.6	112/2
200	14.0	498	1.5	90/2
194	14.5	516	2.4	112/2
175	16.0	569	1.3	90/2
171	16.3	582	2.3	112/2
164	17.1	610	1.2	90/2
158	17.7	631	2.2	112/2
141	19.8	706	1.0	90/2
139	20.2	720	2.0	112/2
131	21.4	763	1.0	90/2
129	21.7	772	1.9	112/2
112	25.0	890	0.8	90/2
110	25.4	906	1.6	112/2
96	29.1	1039	1.4	112/2
87	32.3	1152	1.3	112/2
72	38.9	1386	1.1	112/2
69	40.7	1450	1.0	112/2

3.8 PMP - PCP - PMF - PCF Gearmotors performances

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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11 kW

$n_1 = 2800 \text{ min}^{-1}$				
63	44.7	1594	0.9	112/2
57	48.9	1745	0.8	112/2

$n_1 = 1400 \text{ min}^{-1}$				
513	2.7	195	1.7	90/2
484	2.9	206	2.9	112/2
416	3.4	240	2.7	112/2
353	4.0	283	2.7	112/2
331	4.2	301	1.6	90/2
304	4.6	328	2.5	112/2
264	5.3	377	1.4	90/2
235	5.9	424	1.3	90/2
230	6.1	434	2.2	112/2
209	6.7	479	1.3	90/2
206	6.8	484	2.0	112/2
181	7.8	553	1.2	90/2
177	7.9	564	1.9	112/2
161	8.7	620	0.9	90/2
157	8.9	637	1.7	112/2
150	9.3	665	0.8	90/2
145	9.7	690	1.6	112/2
144	9.7	692	1.2	90/2
128	10.9	778	1.1	90/2
127	11.1	788	1.4	112/2
114	12.3	878	1.0	90/2
113	12.4	884	1.6	112/2
100	14.0	996	0.9	90/2
97	14.5	1031	1.5	112/2
88	16.0	1137	0.8	90/2
86	16.3	1164	1.4	112/2
79	17.7	1261	1.3	112/2
69	20.2	1440	1.2	112/2
65	21.7	1544	1.1	112/2
55	25.4	1812	0.9	112/2
48	29.1	2078	0.8	112/2
43	32.3	2305	0.8	112/2

$n_1 = 900 \text{ min}^{-1}$				
311	2.9	321	2.0	112/2
267	3.4	373	1.8	112/2
227	4.0	440	1.9	112/2
195	4.6	511	1.8	112/2
148	6.1	676	1.4	112/2
133	6.8	753	1.3	112/2
114	7.9	878	1.3	112/2
101	8.9	991	1.1	112/2
93	9.7	1074	1.0	112/2
81	11.1	1226	0.9	112/2
73	12.4	1376	1.2	112/2
62	14.5	1604	1.1	112/2
55	16.3	1811	1.0	112/2
51	17.7	1962	0.9	112/2
45	20.2	2239	0.8	112/2

3.8 Leistungen der PMP - PCP - PMF - PCF Getriebemotoren

n_2 min^{-1}	ir	T2 Nm	FS'	PMP-PCP PMF-PCF
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11 kW

$n_1 = 900 \text{ min}^{-1}$				
42	21,7	2401	0,8	P112/2

15 kW

$n_1 = 2800 \text{ min}^{-1}$				
967	2.9	141	3.4	112/2
832	3.4	164	3.2	112/2
706	4.0	193	3.2	112/2
608	4.6	224	2.9	112/2
460	6.1	296	2.6	112/2
412	6.8	330	2.5	112/2
354	7.9	385	2.2	112/2
313	8.9	434	2.0	112/2
289	9.7	471	1.9	112/2
253	11.1	537	1.8	112/2
226	12.4	603	1.9	112/2
194	14.5	703	1.8	112/2
171	16.3	794	1.7	112/2
158	17.7	860	1.6	112/2
139	20.2	982	1.5	112/2
129	21.7	1053	1.4	112/2
110	25.4	1236	1.2	112/2
96	29.1	1417	1.0	112/2
87	32.3	1571	0.9	112/2
72	38.9	1890	0.8	112/2

$n_1 = 1400 \text{ min}^{-1}$				
484	2.9	281	2.1	112/2
416	3.4	327	2.0	112/2
353	4.0	385	1.9	112/2
304	4.6	448	1.8	112/2
230	6.1	592	1.6	112/2
206	6.8	660	1.5	112/2
177	7.9	770	1.4	112/2
157	8.9	869	1.3	112/2
145	9.7	941	1.2	112/2
127	11.1	1074	1.0	112/2
113	12.4	1206	1.2	112/2
97	14.5	1406	1.1	112/2
86	16.3	1588	1.0	112/2
79	17.7	1720	1.0	112/2
69	20.2	1963	0.9	112/2
65	21.7	2105	0.8	112/2

18.5 kW

$n_1 = 2800 \text{ min}^{-1}$				
967	2.9	174	2.8	112/2*
832	3.4	202	2.6	112/2*
706	4.0	238	2.6	112/2*



3.8 Tech. data převodovek s elektromotory PMP PCP PMF - CPF

n_2 min^{-1}	i_r	T_2 Nm	FS'	PMP-PCP PMF-PCF
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18.5 kW

$n_1 = 2800 \text{ min}^{-1}$				
608	4.6	276	2.4	112/2*
460	6.1	365	2.1	112/2*
412	6.8	407	2.0	112/2*
354	7.9	475	1.8	112/2*
313	8.9	536	1.7	112/2*
289	9.7	580	1.6	112/2*
253	11.1	663	1.4	112/2*
226	12.4	744	1.5	112/2*
194	14.5	867	1.4	112/2*
171	16.3	979	1.3	112/2*
158	17.7	1061	1.3	112/2*
139	20.2	1211	1.2	112/2*
129	21.7	1298	1.1	112/2*
110	25.4	1524	1.0	112/2*
96	29.1	1747	0.8	112/2*
87	32.3	1938	0.8	112/2*

**3.8 PMP - PCP - PMF - PCF
Gearmotors performances**

**3.8 Leistungen der PMP - PCP -
PMF - PCF Getriebemotoren**

Poznámka:

Uvedené výkony jsou stanoveny na základě mechanických kapacit převodovek. Pro převodovky označené (*) je potřebné zkontrolovat teplotní kapacitu jak je uvedeno v kapitole 1.7.

NOTE.

The indicated power 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 1.7.*

HINWEIS.

Die Leistungsangaben beziehen sich auf die mechanische Belasbarkeit der Getriebe. Bei den mit (*) gekennzeichneten Getrieben ist außerdem die thermische Leistungsgrenze zu beachten (s. Kap. 1.7).