



C.39

26. Таблицы технических характеристик мотор-редукторов**0.09 kW**

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
0.40	1945	2.6	2188	35000			F704_2188 P63 BN63A6	108
0.50	1526	3.4	1717	35000			F704_1717 P63 BN63A6	108
0.61	1279	1.3	1439	12000			F504_1439 P63 BN63A6	100
0.75	1038	1.5	1168	12000			F504_1168 P63 BN63A6	100
0.90	873	1.1	982.4	8500	F404_982.4 S05 M05A6	95	F404_982.4 P63 BN63A6	96
0.90	870	1.8	979.4	12000			F504_979.4 P63 BN63A6	100
1.1	735	2.2	826.4	12000			F504_826.4 P63 BN63A6	100
1.1	723	1.3	813.8	8500	F404_813.8 S05 M05A6	95	F404_813.8 P63 BN63A6	96
1.3	613	1.5	690.1	8500	F404_690.1 S05 M05A6	95	F404_690.1 P63 BN63A6	96
1.3	601	2.7	676.3	12000			F504_676.3 P63 BN63A6	100
1.5	514	1.1	578.6	6500	F304_578.6 S05 M05A6	91	F304_578.6 P63 BN63A6	92
1.9	411	1.3	462.6	6500	F304_462.6 S05 M05A6	91	F304_462.6 P63 BN63A6	92
2.4	329	1.7	374.4	6500			F303_374.4 P63 BN63A6	92
3.1	258	2.1	293.8	6500			F303_293.8 P63 BN63A6	92
3.4	227	1.1	255.3	4000	F203_255.3 S05 M05A6	87	F203_255.3 P63 BN63A6	88
3.6	223	2.5	253.6	6500			F303_253.6 P63 BN63A6	92
4.2	186	1.3	209.3	4000	F203_209.3 S05 M05A6	87	F203_209.3 P63 BN63A6	88
5.1	153	1.6	172.6	4000	F203_172.6 S05 M05A6	87	F203_172.6 P63 BN63A6	88
6.9	119	2.1	132.2	4000	F202_132.2 S05 M05A6	87	F202_132.2 P63 BN63A6	88
7.2	114	1.2	127.1	2800	F102_127.1 S05 M05A6	83	F102_127.1 P63 BN63A6	84
8.0	103	2.4	114.3	4000	F202_114.3 S05 M05A6	87	F202_114.3 P63 BN63A6	88
8.6	95	1.5	106.0	2800	F102_106.0 S05 M05A6	83	F102_106.0 P63 BN63A6	84
9.9	82	1.7	91.5	2800	F102_91.5 S05 M05A6	83	F102_91.5 P63 BN63A6	84
10.1	81	3.1	90.4	4000	F202_90.4 S05 M05A6	87	F202_90.4 P63 BN63A6	88
12.8	64	2.2	71.1	2800	F102_71.1 S05 M05A6	83	F102_71.1 P63 BN63A6	84
14.4	57	2.5	63.0	2800	F102_63.0 S05 M05A6	83	F102_63.0 P63 BN63A6	88
18.7	44	3.2	48.7	2800	F102_48.7 S05 M05A6	83	F102_48.7 P63 BN63A6	84
23.0	36	3.9	39.6	2800	F102_39.6 S05 M05A6	83	F102_39.6 P63 BN63A6	84
27.6	30	4.7	33.0	2800	F102_33.0 S05 M05A6	83	F102_33.0 P63 BN63A6	84
35	23	6.1	25.8	2800	F102_25.8 S05 M05A6	83	F102_25.8 P63 BN63A6	84
47	17	8.1	19.3	2800	F102_19.3 S05 M05A6	83	F102_19.3 P63 BN63A6	84
62	13	1	14.6	2700	F102_14.6 S05 M05A6	83	F102_14.6 P63 BN63A6	84
70	12	0.6	13.0	2600	F102_13.0 S05 M05A6	83	F102_13.0 P63 BN63A6	84

0.12 kW

0.40	2623	1.9	2188	35000			F704_2188 P63 BN63B6	108
0.51	2058	2.5	1717	35000			F704_1717 P63 BN63B6	108
0.60	1742	2.9	2188	35000			F704_2188 P63 BN63A4	108
0.65	1607	3.1	2019	35000			F704_2019 P63 BN63A4	108
0.74	1400	1.1	1168	12000			F504_1168 P63 BN63B6	100
0.76	1368	2.1	1141	20000			F604_1141 P63 BN63B6	104
0.91	1149	2.5	958.9	20000			F604_958.9 P63 BN63B6	104
0.91	1146	1.4	1439	12000			F504_1439 P63 BN63A4	100
1.1	991	1.6	826.4	12000			F504_826.4 P63 BN63B6	100
1.1	966	1.0	1213	8500	F404_1213 S05 M05A4	95	F404_1213 P63 BN63A4	96
1.1	930	1.7	1168	12000			F504_1168 P63 BN63A4	100
1.3	782	1.2	982.4	8500	F404_982.4 S05 M05A4	95	F404_982.4 P63 BN63A4	96
1.3	780	2.1	979.4	12000			F504_979.4 P63 BN63A4	100
1.6	658	2.4	826.4	12000			F504_826.4 P63 BN63A4	100
1.6	648	1.5	813.8	8500	F404_813.8 S05 M05A4	95	F404_813.8 P63 BN63A4	96
1.9	549	1.7	690.1	8500	F404_690.1 S05 M05A4	95	F404_690.1 P63 BN63A4	96
1.9	546	1.0	685.6	6500	F304_685.6 S05 M05A4	91	F304_685.6 P63 BN63A4	92
1.9	538	3.0	676.3	12000			F504_676.3 P63 BN63A4	100
2.3	461	1.2	578.6	6500	F304_578.6 S05 M05A4	91	F304_578.6 P63 BN63A4	92
2.4	438	2.2	549.8	8500	F404_549.8 S05 M05A4	95	F404_549.8 P63 BN63A4	96
2.8	368	1.5	462.6	6500	F304_462.6 S05 M05A4	91	F304_462.6 P63 BN63A4	92
3.0	345	2.8	433.7	8500	F404_433.7 S05 M05A4	95	F404_433.7 P63 BN63A4	96
3.7	285	1.9	374.4	6500			F303_374.4 P63 BN63A4	92
4.1	252	1.0	316.9	4000	F203_316.9 S05 M05A4	87	F203_316.9 P63 BN63A4	88
4.8	224	2.5	293.8	6500			F303_293.8 P63 BN63A4	92
5.1	203	1.2	255.3	4000	F203_255.3 S05 M05A4	87	F203_255.3 P63 BN63A4	88



C.40

0.12 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
5.5	193	2.8	253.6	6500			F303_253.6 P63 BN63A4	92
6.3	167	1.5	209.3	4000	F203_209.3 S05 M05A4	87	F203_209.3 P63 BN63A4	88
6.9	158	1.6	132.2	4000	F202_132.2 S05 M05B6	87	F202_132.2 P63 BN63B6	88
7.2	152	0.9	127.1	2800	F102_127.1 S05 M05B6	83	F102_127.1 P63 BN63B6	84
7.6	137	1.8	172.6	4000	F203_172.6 S05 M05A4	87	F203_172.6 P63 BN63A4	88
8.0	137	1.8	114.3	4000	F202_114.3 S05 M05B6	87	F202_114.3 P63 BN63B6	88
8.6	127	1.1	106.0	2800	F102_106.0 S05 M05B6	83	F102_106.0 P63 BN63B6	84
9.9	109	1.3	91.5	2800	F102_91.5 S05 M05B6	83	F102_91.5 P63 BN63B6	84
10.6	103	2.4	132.2	4000	F202_132.2 S05 M05A4	87	F202_132.2 P63 BN63A4	88
11.0	99	1.4	127.1	2800	F102_127.1 S05 M05A4	83	F102_127.1 P63 BN63A4	84
12.2	89	2.8	114.3	4000	F202_114.3 S05 M05A4	87	F202_114.3 P63 BN63A4	88
13.2	82	1.7	106.0	2800	F102_106.0 S05 M05A4	83	F102_106.0 P63 BN63A4	84
14.4	75	1.9	63.0	2800	F102_63.0 S05 M05B6	83	F102_63.0 P63 BN63B6	84
14.7	74	3.4	61.9	4000	F202_61.9 S05 M05B6	87	F202_61.9 P63 BN63B6	88
15.3	71	2.0	91.5	2800	F102_91.5 S05 M05A4	83	F102_91.5 P63 BN63A4	84
15.5	70	3.6	90.4	4000	F202_90.4 S05 M05A4	87	F202_90.4 P63 BN63A4	88
19.7	55	2.5	71.1	2800	F102_71.1 S05 M05A4	83	F102_71.1 P63 BN63A4	84
22.2	49	2.9	63.0	2800	F102_63.0 S05 M05A4	83	F102_63.0 P63 BN63A4	84
28.7	38	3.7	48.7	2800	F102_48.7 S05 M05A4	83	F102_48.7 P63 BN63A4	84
35	31	4.5	39.6	2800	F102_39.6 S05 M05A4	83	F102_39.6 P63 BN63A4	84
42	26	5.5	33.0	2800	F102_33.0 S05 M05A4	83	F102_33.0 P63 BN63A4	84
54	20	7.0	25.8	2800	F102_25.8 S05 M05A4	83	F102_25.8 P63 BN63A4	84
72	15	9.0	19.3	2560	F102_19.3 S05 M05A4	83	F102_19.3 P63 BN63A4	84
96	11	1	14.6	2340	F102_14.6 S05 M05A4	83	F102_14.6 P63 BN63A4	84
107	10	1	13.0	2250	F102_13.0 S05 M05A4	83	F102_13.0 P63 BN63A4	84
		0.3						

0.18 kW

0.41	3803	1.3	2188	35000	F704_2188 S1 M1SC6	107	F704_2188 P71 BN71A6	108
0.45	3454	2.3	1987	45000	F804_1987 S1 M1SC6	111	F804_1987 P71 BN71A6	112
0.60	2593	1.9	2188	35000			F704_2188 P63 BN63B4	108
0.77	2035	2.5	1717	35000			F704_1717 P63 BN63B4	108
0.79	1983	1.5	1141	20000	F604_1141 S1 M1SC6	103	F604_1141 P71 BN71A6	104
0.89	1755	2.8	1481	35000			F704_1481 P63 BN63B4	108
0.94	1667	1.7	958.9	20000	F604_958.9 S1 M1SC6	103	F604_958.9 P71 BN71A6	104
1.1	1384	1.2	1168	12000			F504_1168 P63 BN63B4	100
1.2	1352	2.1	1141	20000			F604_1141 P63 BN63B4	104
1.3	1161	1.4	979.4	12000			F504_979.4 P63 BN63B4	100
1.4	1136	2.6	958.9	20000			F604_958.9 P63 BN63B4	104
1.6	979	1.6	826.4	12000			F504_826.4 P63 BN63B4	100
1.6	971	3.0	819.0	20000			F604_819.0 P63 BN63B4	104
1.6	964	1.0	813.8	8500	F404_813.8 S05 M05B4	95	F404_813.8 P63 BN63B4	96
1.9	818	1.2	690.1	8500	F404_690.1 S05 M05B4	95	F404_690.1 P63 BN63B4	96
2.0	801	2.0	676.3	12000			F504_676.3 P63 BN63B4	100
2.4	652	1.5	549.8	8500	F404_549.8 S05 M05B4	95	F404_549.8 P63 BN63B4	96
2.5	629	2.5	530.5	12000			F504_530.5 P63 BN63B4	100
2.9	548	1.0	462.6	6500	F304_462.6 S05 M05B4	91	F304_462.6 P63 BN63B4	92
3.0	514	1.8	433.7	8500	F404_433.7 S05 M05B4	95	F404_433.7 P63 BN63B4	96
3.1	509	3.1	429.1	12000			F504_429.1 P63 BN63B4	100
3.2	482	1.1	831.6	6500	F304_831.6 S05 M05A2	91	F304_831.6 P63 BN63A2	92
3.7	431	1.3	374.4	6500			F303_374.4 P63 BN63B4	92
4.0	397	2.4	344.8	8500			F403_344.8 P63 BN63B4	96
4.7	341	2.8	296.6	8500			F403_296.6 P63 BN63B4	96
4.7	338	1.6	293.8	6500			F303_293.8 P63 BN63B4	92
5.5	292	1.9	253.6	6500			F303_253.6 P63 BN63B4	92
5.8	276	3.4	240.1	8500			F403_240.1 P63 BN63B4	96
6.3	248	1.0	209.3	4000	F203_209.3 S05 M05B4	87	F203_209.3 P63 BN63B4	88
6.8	240	1.0	132.2	4000	F202_132.2 S1 M1SC6	87	F202_132.2 P71 BN71A6	88
6.9	233	2.4	202.3	6500			F303_202.3 P63 BN63B4	92
7.6	205	1.2	172.6	4000	F203_172.6 S05 M05B4	87	F203_172.6 P63 BN63B4	88
7.9	207	1.2	114.3	4000	F202_114.3 S1 M1SC6	87	F202_114.3 P71 BN71A6	88
8.3	192	2.9	166.8	6500			F303_166.8 P63 BN63B4	92
10.0	164	1.5	90.4	4000	F202_90.4 S1 M1SC6	87	F202_90.4 P71 BN71A6	88
10.5	155	1.6	132.2	4000	F202_132.2 S05 M05B4	87	F202_132.2 P63 BN63B4	88
10.9	149	0.9	127.1	2800	F102_127.1 S05 M05B4	83	F102_127.1 P63 BN63B4	84
12.2	134	1.9	114.3	4000	F202_114.3 S05 M05B4	87	F202_114.3 P63 BN63B4	88



C.41

0.18 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
13.1	125	1.1	106.0	2800	F102_106.0 S05 M05B4	83	F102_106.0 P63 BN63B4	84
14.3	114	1.2	63.0	2800	F102_63.0 S1 M1SC6	83	F102_63.0 P71 BN71A6	84
14.5	112	2.2	61.9	4000	F202_61.9 S1 M1SC6	87	F202_61.9 P71 BN71A6	88
15.2	107	1.3	91.5	2800	F102_91.5 S05 M05B4	83	F102_91.5 P63 BN63B4	84
15.4	106	2.4	90.4	4000	F202_90.4 S05 M05B4	87	F202_90.4 P63 BN63B4	88
18.1	90	2.8	76.8	4000	F202_76.8 S05 M05B4	87	F202_76.8 P63 BN63B4	88
19.5	84	1.7	71.1	2800	F102_71.1 S05 M05B4	83	F102_71.1 P63 BN63B4	84
22.1	74	1.9	63.0	2800	F102_63.0 S05 M05B4	83	F102_63.0 P63 BN63B4	84
22.5	73	3.4	61.9	4000	F202_61.9 S05 M05B4	87	F202_61.9 P63 BN63B4	88
28.5	57	2.4	48.7	2800	F102_48.7 S05 M05B4	83	F102_48.7 P63 BN63B4	84
35	47	3.0	39.6	2800	F102_39.6 S05 M05B4	83	F102_39.6 P63 BN63B4	84
42	39	3.6	33.0	2800	F102_33.0 S05 M05B4	83	F102_33.0 P63 BN63B4	84
54	30	4.6	25.8	2780	F102_25.8 S05 M05B4	83	F102_25.8 P63 BN63B4	84
72	23	6.0	19.3	2540	F102_19.3 S05 M05B4	83	F102_19.3 P63 BN63B4	84
95	17	6.9	14.6	2330	F102_14.6 S05 M05B4	83	F102_14.6 P63 BN63B4	84
107	15	6.8	13.0	2240	F102_13.0 S05 M05B4	83	F102_13.0 P63 BN63B4	84
142	11	7.8	9.8	2040	F102_9.8 S05 M05B4	83	F102_9.8 P63 BN63B4	84
188	9	8.7	7.4	1870	F102_7.4 S05 M05B4	83	F102_7.4 P63 BN63B4	84
216	8	1	13.0	1790	F102_13.0 S05 M05A2	83	F102_13.0 P63 BN63A2	84
288	6	1	9.8	1630	F102_9.8 S05 M05A2	83	F102_9.8 P63 BN63A2	84
		2.9						

0.25 kW

0.41	5282	0.9	2188	35000	F704_2188 S1 M1SD6	107	F704_2188 P71 BN71B6	108
0.45	4797	1.7	1987	45000	F804_1987 S1 M1SD6	111	F804_1987 P71 BN71B6	112
0.52	4145	1.2	1717	35000	F704_1717 S1 M1SD6	107	F704_1717 P71 BN71B6	108
0.53	4126	1.9	1709	45000	F804_1709 S1 M1SD6	111	F804_1709 P71 BN71B6	112
0.60	3601	1.4	2188	35000			F704_2188 P63 BN63C4	108
0.63	3457	1.4	2188	35000			F704_2188 P71 BN71A4	108
0.68	3190	1.6	2019	35000			F704_2019 P71 BN71A4	108
0.69	3140	2.5	1987	45000			F804_1987 P71 BN71A4	112
0.79	2754	1.1	1141	20000	F604_1141 S1 M1SD6	103	F604_1141 P71 BN71B6	104
0.80	2713	1.8	1717	35000			F704_1717 P71 BN71A4	108
0.80	2700	3.0	1709	45000			F804_1709 P71 BN71A4	112
0.96	2252	2.2	1368	35000			F704_1368 P63 BN63C4	108
1.0	2137	1.4	885.1	20000	F604_885.1 S1 M1SD6	103	F604_885.1 P71 BN71B6	104
1.2	1868	2.7	1182	35000			F704_1182 P71 BN71A4	108
1.3	1665	1.7	1054	20000			F604_1054 P71 BN71A4	104
1.4	1540	3.2	974.4	35000			F704_974.4 P71 BN71A4	108
1.4	1515	1.9	958.9	20000			F604_958.9 P71 BN71A4	104
1.7	1306	1.2	826.4	12000			F504_826.4 P71 BN71A4	100
1.7	1294	2.2	819.0	20000			F604_819.0 P71 BN71A4	104
2.0	1069	1.5	676.3	12000			F504_676.3 P71 BN71A4	100
2.1	1047	2.8	662.4	20000			F604_662.4 P71 BN71A4	104
2.4	905	1.0	549.8	8500	F404_549.8 S05 M05C4	95	F404_549.8 P71 BN71A4	96
2.6	838	1.9	530.5	12000			F504_530.5 P71 BN71A4	100
3.0	714	1.3	433.7	8500	F404_433.7 S05 M05C4	95	F404_433.7 P71 BN71A4	96
3.2	678	2.4	429.1	12000			F504_429.1 P71 BN71A4	100
3.7	605	0.9	374.4	6500			F303_374.4 P71 BN71A4	92
3.7	592	1.6	240.1	8500	F403_240.1 S1 M1SD6	95	F403_240.1 P71 BN71B6	96
4.0	557	1.7	344.8	8500			F403_344.8 P71 BN71A4	96
4.6	479	2.0	296.6	8500			F403_296.6 P71 BN71A4	96
4.7	474	1.2	293.8	6500			F303_293.8 P71 BN71A4	92
5.4	409	1.3	253.6	6500			F303_253.6 P71 BN71A4	92
5.7	388	2.4	240.1	8500			F403_240.1 P71 BN71A4	96
6.8	327	1.7	202.3	6500			F303_202.3 P71 BN71A4	92
6.9	321	3.0	198.9	8500			F403_198.9 P71 BN71A4	96
7.5	296	1.9	374.4	6500			F303_374.4 P63 BN63B2	92
8.2	269	2.0	166.8	6500			F303_166.8 P71 BN71A4	92
9.8	227	2.4	140.7	6500			F303_140.7 P71 BN71A4	92
10.0	228	1.1	90.4	4000	F202_90.4 S1 M1SD6	87	F202_90.4 P71 BN71B6	88
10.4	218	1.1	132.2	4000	F202_132.2 S05 M05C4	87	F202_132.2 P71 BN71A4	88
12.0	189	1.3	114.3	4000	F202_114.3 S05 M05C4	87	F202_114.3 P71 BN71A4	88
12.2	182	3.0	112.5	6500			F303_112.5 P71 BN71A4	92
14.5	156	1.6	61.9	4000	F202_61.9 S1 M1SD6	87	F202_61.9 P71 BN71B6	88
15.0	151	0.9	91.5	2800	F102_91.5 S05 M05C4	83	F102_91.5 P71 BN71A4	84



C.42

0.25 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
15.2	149	1.7	90.4	4000	F202_90.4 S05 M05C4	87	F202_90.4 P71 BN71A4	88
17.9	127	2.0	76.8	4000	F202_76.8 S05 M05C4	87	F202_76.8 P71 BN71A4	88
18.5	123	1.1	48.7	2800	F102_48.7 S1 M1SD6	83	F102_48.7 P71 BN71B6	84
19.3	117	1.2	71.1	2800	F102_71.1 S05 M05C4	83	F102_71.1 P71 BN71A4	84
21.8	104	1.3	63.0	2800	F102_63.0 S05 M05C4	83	F102_63.0 P71 BN71A4	84
22.2	102	2.4	61.9	4000	F202_61.9 S05 M05C4	87	F202_61.9 P71 BN71A4	88
27.1	84	3.0	50.7	4000	F202_50.7 S05 M05C4	87	F202_50.7 P71 BN71A4	88
28.2	80	1.7	48.7	2800	F102_48.7 S05 M05C4	83	F102_48.7 P71 BN71A4	84
35	65	2.1	39.6	2800	F102_39.6 S05 M05C4	83	F102_39.6 P71 BN71A4	84
42	54	2.6	33.0	2800	F102_33.0 S05 M05C4	83	F102_33.0 P71 BN71A4	84
47	49	2.9	19.3	2800	F102_19.3 S1 M1SD6	83	F102_19.3 P71 BN71B6	84
53	43	3.3	25.8	2750	F102_25.8 S05 M05C4	83	F102_25.8 P71 BN71A4	84
71	32	4.3	19.3	2520	F102_19.3 S05 M05C4	83	F102_19.3 P71 BN71A4	84
94	24	4.9	14.6	2310	F102_14.6 S05 M05C4	83	F102_14.6 P71 BN71A4	84
106	21	4.8	13.0	2230	F102_13.0 S05 M05C4	83	F102_13.0 P71 BN71A4	84
141	16	5.5	9.8	2030	F102_9.8 S05 M05C4	83	F102_9.8 P71 BN71A4	84
186	12	6.2	7.4	1860	F102_7.4 S05 M05C4	83	F102_7.4 P71 BN71A4	84
216	11	8.1	13.0	1780	F102_13.0 S05 M05B2	83	F102_13.0 P63 BN63B2	84
288	8	9.3	9.8	1620	F102_9.8 S05 M05B2	83	F102_9.8 P63 BN63B2	84
380	6	1 0.5	7.4	1480	F102_7.4 S05 M05B2	83	F102_7.4 P63 BN63B2	84

0.37 kW

0.43	7417	1.9	2099	55000			F904_2099 P80 BN80A6	116
0.53	6039	1.3	1709	45000	F804_1709 S1 M1LA6	111	F804_1709 P80 BN80A6	112
0.53	6014	2.3	1702	55000			F904_1702 P80 BN80A6	116
0.58	5576	1.4	1578	45000	F804_1578 S1 M1LA6	111	F804_1578 P80 BN80A6	112
0.71	4546	3.1	1937	55000			F904_1937 P71 BN71B4	116
0.75	4305	1.9	1834	45000	F804_1834 S1 M1SD4	111	F804_1834 P71 BN71B4	112
0.80	4030	1.2	1717	35000	F704_1717 S1 M1SD4	107	F704_1717 P71 BN71B4	108
0.80	4011	2.0	1709	45000	F804_1709 S1 M1SD4	111	F804_1709 P71 BN71B4	112
0.99	3248	2.5	1384	45000	F804_1384 S1 M1SD4	111	F804_1384 P71 BN71B4	112
1.0	3211	1.6	1368	35000	F704_1368 S1 M1SD4	107	F704_1368 P71 BN71B4	108
1.2	2690	3.0	1146	45000	F804_1146 S1 M1SD4	111	F804_1146 P71 BN71B4	112
1.2	2678	1.1	1141	20000	F604_1141 S1 M1SD4	103	F604_1141 P71 BN71B4	104
1.3	2561	2.0	1091	35000	F704_1091 S1 M1SD4	107	F704_1091 P71 BN71B4	108
1.3	2474	1.2	1054	20000	F604_1054 S1 M1SD4	103	F604_1054 P71 BN71B4	104
1.4	2251	1.3	958.9	20000	F604_958.9 S1 M1SD4	103	F604_958.9 P71 BN71B4	104
1.5	2111	2.4	899.4	35000	F704_899.4 S1 M1SD4	107	F704_899.4 P71 BN71B4	108
1.5	2077	1.4	885.1	20000	F604_885.1 S1 M1SD4	103	F604_885.1 P71 BN71B4	104
1.7	1930	2.6	822.2	35000	F704_822.2 S1 M1SD4	107	F704_822.2 P71 BN71B4	108
1.7	1922	1.5	819.0	20000	F604_819.0 S1 M1SD4	103	F604_819.0 P71 BN71B4	104
1.8	1781	2.8	759.0	35000	F704_759.0 S1 M1SD4	107	F704_759.0 P71 BN71B4	108
1.8	1774	1.6	756.0	20000	F604_756.0 S1 M1SD4	103	F604_756.0 P71 BN71B4	104
2.1	1555	1.9	662.4	20000	F604_662.4 S1 M1SD4	103	F604_662.4 P71 BN71B4	104
2.1	1543	3.2	657.4	35000	F704_657.4 S1 M1SD4	107	F704_657.4 P71 BN71B4	108
2.6	1246	2.3	530.7	20000	F604_530.7 S1 M1SD4	103	F604_530.7 P71 BN71B4	104
2.6	1245	1.3	530.5	12000	F504_530.5 S1 M1SD4	99	F504_530.5 P71 BN71B4	100
3.2	1018	0.9	433.7	8500	F404_433.7 S1 M1SD4	95	F404_433.7 P71 BN71B4	96
3.2	1015	2.9	432.6	20000	F604_432.6 S1 M1SD4	103	F604_432.6 P71 BN71B4	104
3.2	1007	1.6	429.1	12000	F504_429.1 S1 M1SD4	99	F504_429.1 P71 BN71B4	100
3.9	846	1.9	352.5	12000	F503_352.5 S1 M1SD4	99	F503_352.5 P71 BN71B4	100
4.0	827	1.1	344.8	8500	F403_344.8 S1 M1SD4	95	F403_344.8 P71 BN71B4	96
4.6	711	1.3	296.6	8500	F403_296.6 S1 M1SD4	95	F403_296.6 P71 BN71B4	96
4.8	686	2.3	285.9	12000	F503_285.9 S1 M1SD4	99	F503_285.9 P71 BN71B4	100
5.4	608	0.9	253.6	6500	F303_253.6 S1 M1SD4	91	F303_253.6 P71 BN71B4	92
5.7	576	1.6	240.1	8500	F403_240.1 S1 M1SD4	95	F403_240.1 P71 BN71B4	96
5.7	575	2.8	239.8	12000	F503_239.8 S1 M1SD4	99	F503_239.8 P71 BN71B4	100
6.8	485	3.3	202.4	12000	F503_202.4 S1 M1SD4	99	F503_202.4 P71 BN71B4	100
6.8	485	1.1	202.3	6500	F303_202.3 S1 M1SD4	91	F303_202.3 P71 BN71B4	92
6.9	477	2.0	198.9	8500	F403_198.9 S1 M1SD4	95	F403_198.9 P71 BN71B4	96
8.1	405	2.3	168.7	8500	F403_168.7 S1 M1SD4	95	F403_168.7 P71 BN71B4	96
8.2	400	1.4	166.8	6500	F303_166.8 S1 M1SD4	91	F303_166.8 P71 BN71B4	92
9.7	338	1.6	140.7	6500	F303_140.7 S1 M1SD4	91	F303_140.7 P71 BN71B4	92
10.2	322	2.9	134.4	8500	F403_134.4 S1 M1SD4	95	F403_134.4 P71 BN71B4	96
12.2	270	2.0	112.5	6500	F303_112.5 S1 M1SD4	91	F303_112.5 P71 BN71B4	92
15.2	222	1.1	90.4	4000	F202_90.4 S1 M1SD4	87	F202_90.4 P71 BN71B4	88



C.43

0.37 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
15.7	210	2.6	87.4	6500	F303_87.4 S1 M1SD4	91	F303_87.4 P71 BN71B4	92
17.8	188	1.3	76.8	4000	F202_76.8 S1 M1SD4	87	F202_76.8 P71 BN71B4	88
21.7	154	0.9	63.0	2800	F102_63.0 S1 M1SD4	83	F102_63.0 P71 BN71B4	84
22.1	152	1.6	61.9	4000	F202_61.9 S1 M1SD4	87	F202_61.9 P71 BN71B4	88
27.0	124	2.0	50.7	3900	F202_50.7 S1 M1SD4	87	F202_50.7 P71 BN71B4	88
28.1	119	1.2	48.7	2800	F102_48.7 S1 M1SD4	83	F102_48.7 P71 BN71B4	84
33	103	2.4	41.8	3700	F202_41.8 S1 M1SD4	87	F202_41.8 P71 BN71B4	88
35	97	1.4	39.6	2800	F102_39.6 S1 M1SD4	83	F102_39.6 P71 BN71B4	84
41	81	3.1	33.1	3460	F202_33.1 S1 M1SD4	87	F202_33.1 P71 BN71B4	88
42	81	1.7	33.0	2800	F102_33.0 S1 M1SD4	83	F102_33.0 P71 BN71B4	84
45	74	3.4	20.2	3380	F202_20.2 S1 M1LA6	87	F202_20.2 P80 BN80A6	88
47	71	2.0	19.3	2780	F102_19.3 S1 M1LA6	83	F102_19.3 P80 BN80A6	84
53	63	2.2	25.8	2690	F102_25.8 S1 M1SD4	83	F102_25.8 P71 BN71B4	84
62	54	2.6	14.6	2570	F102_14.6 S1 M1LA6	83	F102_14.6 P80 BN80A6	84
71	47	2.9	19.3	2470	F102_19.3 S1 M1SD4	83	F102_19.3 P71 BN71B4	84
94	36	3.3	14.6	2280	F102_14.6 S1 M1SD4	83	F102_14.6 P71 BN71B4	84
105	32	3.3	13.0	2200	F102_13.0 S1 M1SD4	83	F102_13.0 P71 BN71B4	84
140	24	3.7	9.8	2010	F102_9.8 S1 M1SD4	83	F102_9.8 P71 BN71B4	84
185	18	4.2	7.4	1850	F102_7.4 S1 M1SD4	83	F102_7.4 P71 BN71B4	84
216	16	5.5	13.0	1760	F102_13.0 S05 M05C2	83	F102_13.0 P71 BN71A2	84
288	12	6.3	9.8	1610	F102_9.8 S05 M05C2	83	F102_9.8 P71 BN71A2	84
380	9	7.1	7.4	1470	F102_7.4 S05 M05C2	83	F102_7.4 P71 BN71A2	84

0.55 kW

0.44	10905	1.3	2099	55000	F904_2099 S2 M2SA6	115	F904_2099 P80 BN80B6	116
0.46	10323	0.8	1987	45000	F804_1987 S2 M2SA6	111	F804_1987 P80 BN80B6	112
0.54	8879	0.9	1709	45000	F804_1709 S2 M2SA6	111	F804_1709 P80 BN80B6	112
0.54	8843	1.6	1702	55000	F904_1702 S2 M2SA6	115	F904_1702 P80 BN80B6	116
0.66	7218	1.9	2099	55000			F904_2099 P80 BN80A4	116
0.69	6882	1.2	1987	45000	F804_1987 S1 M1LA4	111	F804_1987 P80 BN80A4	112
0.75	6352	1.3	1834	45000	F804_1834 S1 M1LA4	111	F804_1834 P80 BN80A4	112
0.81	5919	1.4	1709	45000	F804_1709 S1 M1LA4	111	F804_1709 P80 BN80A4	112
0.82	5853	2.4	1702	55000			F904_1702 P80 BN80A4	116
0.97	4910	2.9	1428	55000			F904_1428 P80 BN80A4	116
1.0	4794	1.7	1384	45000	F804_1384 S1 M1LA4	111	F804_1384 P80 BN80A4	112
1.2	4094	1.2	1182	35000	F704_1182 S1 M1LA4	107	F704_1182 P80 BN80A4	108
1.2	3969	2.0	1146	45000	F804_1146 S1 M1LA4	111	F804_1146 P80 BN80A4	112
1.4	3375	1.5	974.4	35000	F704_974.4 S1 M1LA4	107	F704_974.4 P80 BN80A4	108
1.5	3115	1.6	899.4	35000	F704_899.4 S1 M1LA4	107	F704_899.4 P80 BN80A4	108
1.5	3108	2.6	897.3	45000	F804_897.3 S1 M1LA4	111	F804_897.3 P80 BN80A4	112
1.7	2848	1.8	822.2	35000	F704_822.2 S1 M1LA4	107	F704_822.2 P80 BN80A4	108
1.8	2629	1.9	759.0	35000	F704_759.0 S1 M1LA4	107	F704_759.0 P80 BN80A4	108
1.8	2618	1.1	756.0	20000	F604_756.0 S1 M1LA4	103	F604_756.0 P80 BN80A4	104
2.1	2294	1.3	662.4	20000	F604_662.4 S1 M1LA4	103	F604_662.4 P80 BN80A4	104
2.1	2277	2.2	657.4	35000	F704_657.4 S1 M1LA4	107	F704_657.4 P80 BN80A4	108
2.3	2118	1.4	611.4	20000	F604_611.4 S1 M1LA4	103	F604_611.4 P80 BN80A4	104
2.3	2102	2.4	606.8	35000	F704_606.8 S1 M1LA4	107	F704_606.8 P80 BN80A4	108
2.7	1768	2.8	510.4	35000	F704_510.4 S1 M1LA4	107	F704_510.4 P80 BN80A4	108
2.8	1696	1.7	489.8	20000	F604_489.8 S1 M1LA4	103	F604_489.8 P80 BN80A4	104
3.2	1498	1.9	432.6	20000	F604_432.6 S1 M1LA4	103	F604_432.6 P80 BN80A4	104
3.2	1486	1.1	429.1	12000	F504_429.1 S1 M1LA4	99	F504_429.1 P80 BN80A4	100
3.5	1383	2.1	399.3	20000	F604_399.3 S1 M1LA4	103	F604_399.3 P80 BN80A4	104
3.9	1248	1.3	352.5	12000	F503_352.5 S1 M1LA4	99	F503_352.5 P80 BN80A4	100
4.0	1184	2.5	341.7	20000	F604_341.7 S1 M1LA4	103	F604_341.7 P80 BN80A4	104
4.7	1050	0.9	296.6	8500	F403_296.6 S1 M1LA4	95	F403_296.6 P80 BN80A4	96
4.8	1012	1.6	285.9	12000	F503_285.9 S1 M1LA4	99	F503_285.9 P80 BN80A4	100
4.9	994	2.9	280.7	20000			F603_280.7 P80 BN80A4	104
5.7	850	1.1	240.1	8500	F403_240.1 S1 M1LA4	95	F403_240.1 P80 BN80A4	96
5.8	849	1.9	239.8	12000	F503_239.8 S1 M1LA4	99	F503_239.8 P80 BN80A4	100
5.9	835	3.5	235.8	20000			F603_235.8 P80 BN80A4	104
6.8	716	2.2	202.4	12000	F503_202.4 S1 M1LA4	99	F503_202.4 P80 BN80A4	100
6.9	704	1.3	198.9	8500	F403_198.9 S1 M1LA4	95	F403_198.9 P80 BN80A4	96
8.2	597	1.6	168.7	8500	F403_168.7 S1 M1LA4	95	F403_168.7 P80 BN80A4	96
8.3	590	0.9	166.8	6500	F303_166.8 S1 M1LA4	91	F303_166.8 P80 BN80A4	92
8.3	586	2.7	165.6	12000	F503_165.6 S1 M1LA4	99	F503_165.6 P80 BN80A4	100
9.8	498	1.1	140.7	6500	F303_140.7 S1 M1LA4	91	F303_140.7 P80 BN80A4	92



C.44

0.55 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
10.3	476	2.0	134.4	8500	F403_134.4 S1 M1LA4	95	F403_134.4 P80 BN80A4	96
10.6	460	3.5	129.9	12000	F503_129.9 S1 M1LA4	99	F503_129.9 P80 BN80A4	100
12.3	398	1.4	112.5	6500	F303_112.5 S1 M1LA4	91	F303_112.5 P80 BN80A4	92
13.0	375	2.5	106.0	8500	F403_106.0 S1 M1LA4	95	F403_106.0 P80 BN80A4	96
15.8	309	1.8	87.4	6500	F303_87.4 S1 M1LA4	91	F303_87.4 P80 BN80A4	92
16.3	300	3.2	84.9	8500	F403_84.9 S1 M1LA4	95	F403_84.9 P80 BN80A4	96
18.0	278	0.9	76.8	4000	F202_76.8 S1 M1LA4	87	F202_76.8 P80 BN80A4	88
20.0	244	2.2	69.1	6500	F303_69.1 S1 M1LA4	91	F303_69.1 P80 BN80A4	92
22.3	224	1.1	61.9	3890	F202_61.9 S1 M1LA4	87	F202_61.9 P80 BN80A4	88
26.5	184	2.8	52.1	6500			F303_52.1 P80 BN80A4	92
27.2	183	1.4	50.7	3720	F202_50.7 S1 M1LA4	87	F202_50.7 P80 BN80A4	88
33	151	1.7	41.8	3550	F202_41.8 S1 M1LA4	87	F202_41.8 P80 BN80A4	88
34	142	3.3	40.2	6500			F303_40.2 P80 BN80A4	92
35	143	1.0	39.6	2800	F102_39.6 S1 M1LA4	83	F102_39.6 P80 BN80A4	84
42	120	2.1	33.1	3340	F202_33.1 S1 M1LA4	87	F202_33.1 P80 BN80A4	88
42	119	1.2	33.0	2750	F102_33.0 S1 M1LA4	83	F102_33.0 P80 BN80A4	84
46	109	2.3	20.2	3260	F202_20.2 S2 M2SA6	87	F202_20.2 P80 BN80B6	88
48	105	1.3	19.3	2670	F102_19.3 S2 M2SA6	83	F102_19.3 P80 BN80B6	84
48	104	3.6	28.9	6500	F302_28.9 S1 M1LA4	91	F302_28.9 P80 BN80A4	92
53	94	2.6	25.9	3130	F202_25.9 S1 M1LA4	87	F202_25.9 P80 BN80A4	88
54	93	1.5	25.8	2590	F102_25.8 S1 M1LA4	83	F102_25.8 P80 BN80A4	84
62	80	2.9	14.8	2990	F202_14.8 S2 M2SA6	87	F202_14.8 P80 BN80B6	88
68	73	3.1	20.2	2910	F202_20.2 S1 M1LA4	87	F202_20.2 P80 BN80A4	88
71	70	1.9	19.3	2400	F102_19.3 S1 M1LA4	83	F102_19.3 P80 BN80A4	84
82	61	3.4	11.2	2760	F202_11.2 S2 M2SA6	87	F202_11.2 P80 BN80B6	88
94	53	2.2	14.6	2220	F102_14.6 S1 M1LA4	83	F102_14.6 P80 BN80A4	84
106	47	2.2	13.0	2140	F102_13.0 S1 M1LA4	83	F102_13.0 P80 BN80A4	84
141	35	2.5	9.8	1970	F102_9.8 S1 M1LA4	83	F102_9.8 P80 BN80A4	84
186	27	2.8	7.4	1810	F102_7.4 S1 M1LA4	83	F102_7.4 P80 BN80A4	84
216	23	3.7	13.0	1730	F102_13.0 S1 M1SD2	83	F102_13.0 P71 BN71B2	84
288	17	4.2	9.8	1590	F102_9.8 S1 M1SD2	83	F102_9.8 P71 BN71B2	84
380	13	4.8	7.4	1460	F102_7.4 S1 M1SD2	83	F102_7.4 P71 BN71B2	84

0.75 kW

0.44	14871	0.9	2099	55000	F904_2099 S2 M2SB6	115	F904_2099 P90 BN90S6	116
0.54	12058	1.2	1702	55000	F904_1702 S2 M2SB6	115	F904_1702 P90 BN90S6	116
0.59	11130	1.3	1571	55000	F904_1571 S2 M2SB6	115	F904_1571 P90 BN90S6	116
0.67	9772	1.4	2099	55000	F904_2099 S2 M2SA4	115	F904_2099 P80 BN80B4	116
0.72	9018	1.6	1937	55000	F904_1937 S2 M2SA4	115	F904_1937 P80 BN80B4	116
0.76	8538	0.9	1834	45000	F804_1834 S2 M2SA4	111	F804_1834 P80 BN80B4	112
0.82	7956	1.0	1709	45000	F804_1709 S2 M2SA4	111	F804_1709 P80 BN80B4	112
0.82	7924	1.8	1702	55000	F904_1702 S2 M2SA4	115	F904_1702 P80 BN80B4	116
0.89	7347	1.1	1578	45000	F804_1578 S2 M2SA4	111	F804_1578 P80 BN80B4	112
0.89	7314	1.9	1571	55000	F904_1571 S2 M2SA4	115	F904_1571 P80 BN80B4	116
0.98	6648	2.1	1428	55000	F904_1428 S2 M2SA4	115	F904_1428 P80 BN80B4	116
1.0	6443	1.2	1384	45000	F804_1384 S2 M2SA4	111	F804_1384 P80 BN80B4	112
1.1	6136	2.3	1318	55000	F904_1318 S2 M2SA4	115	F904_1318 P80 BN80B4	116
1.1	5945	1.3	1277	45000	F804_1277 S2 M2SA4	111	F804_1277 P80 BN80B4	112
1.2	5335	1.5	1146	45000	F804_1146 S2 M2SA4	111	F804_1146 P80 BN80B4	112
1.3	5177	2.7	1112	55000	F904_1112 S2 M2SA4	115	F904_1112 P80 BN80B4	116
1.3	4926	1.6	1058	45000	F804_1058 S2 M2SA4	111	F804_1058 P80 BN80B4	112
1.4	4590	3.0	986.0	55000	F904_986.0 S2 M2SA4	115	F904_986.0 P80 BN80B4	116
1.4	4536	1.1	974.4	35000	F704_974.4 S2 M2SA4	107	F704_974.4 P80 BN80B4	108
1.4	4525	1.8	972.0	45000	F804_972.0 S2 M2SA4	111	F804_972.0 P80 BN80B4	112
1.5	4238	3.3	910.2	55000	F904_910.2 S2 M2SA4	115	F904_910.2 P80 BN80B4	116
1.6	4187	1.2	899.4	35000	F704_899.4 S2 M2SA4	107	F704_899.4 P80 BN80B4	108
1.6	4177	1.9	897.3	45000	F804_897.3 S2 M2SA4	111	F804_897.3 P80 BN80B4	112
1.8	3605	2.2	774.4	45000	F804_774.4 S2 M2SA4	111	F804_774.4 P80 BN80B4	112
1.8	3534	1.4	759.0	35000	F704_759.0 S2 M2SA4	107	F704_759.0 P80 BN80B4	108
1.9	3520	0.8	756.0	20000	F604_756.0 S2 M2SA4	103	F604_756.0 P80 BN80B4	104
2.0	3328	2.4	714.9	45000	F804_714.9 S2 M2SA4	111	F804_714.9 P80 BN80B4	112
2.1	3084	0.9	662.4	20000	F604_662.4 S2 M2SA4	103	F604_662.4 P80 BN80B4	104
2.1	3061	1.6	657.4	35000	F704_657.4 S2 M2SA4	107	F704_657.4 P80 BN80B4	108
2.3	2846	1.0	611.4	20000	F604_611.4 S2 M2SA4	103	F604_611.4 P80 BN80B4	104
2.3	2844	2.8	610.9	45000	F804_610.9 S2 M2SA4	111	F804_610.9 P80 BN80B4	112
2.3	2825	1.8	606.8	35000	F704_606.8 S2 M2SA4	107	F704_606.8 P80 BN80B4	108



C.45

0.75 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
2.5	2625	3.0	563.9	45000	F804_563.9 S2 M2SA4	111	F804_563.9 P80 BN80B4	112
2.6	2471	1.2	530.7	20000	F604_530.7 S2 M2SA4	103	F604_530.7 P80 BN80B4	104
2.7	2376	2.1	510.4	35000	F704_510.4 S2 M2SA4	107	F704_510.4 P80 BN80B4	108
2.9	2280	1.3	489.8	20000	F604_489.8 S2 M2SA4	103	F604_489.8 P80 BN80B4	104
2.9	2277	3.5	489.1	45000	F804_489.1 S2 M2SA4	111	F804_489.1 P80 BN80B4	112
3.0	2194	2.3	471.2	35000	F704_471.2 S2 M2SA4	107	F704_471.2 P80 BN80B4	108
3.2	2014	1.4	432.6	20000	F604_432.6 S2 M2SA4	103	F604_432.6 P80 BN80B4	104
3.3	1998	0.8	429.1	12000	F504_429.1 S2 M2SA4	99	F504_429.1 P80 BN80B4	100
3.5	1879	2.7	403.5	35000	F704_403.5 S2 M2SA4	107	F704_403.5 P80 BN80B4	108
3.5	1859	1.6	399.3	20000	F604_399.3 S2 M2SA4	103	F604_399.3 P80 BN80B4	104
3.8	1734	2.9	372.5	35000	F704_372.5 S2 M2SA4	107	F704_372.5 P80 BN80B4	108
4.1	1591	1.8	341.7	20000	F604_341.7 S2 M2SA4	103	F604_341.7 P80 BN80B4	104
4.4	1468	2.0	315.4	20000	F604_315.4 S2 M2SA4	103	F604_315.4 P80 BN80B4	104
4.9	1360	1.2	285.9	12000	F503_285.9 S2 M2SA4	99	F503_285.9 P80 BN80B4	100
5.0	1335	2.2	280.7	20000	F603_280.7 S2 M2SA4	103	F603_280.7 P80 BN80B4	104
5.4	1233	2.4	259.1	20000	F603_259.1 S2 M2SA4	103	F603_259.1 P80 BN80B4	104
5.8	1141	1.4	239.8	12000	F503_239.8 S2 M2SA4	99	F503_239.8 P80 BN80B4	100
5.9	1122	2.6	235.8	20000	F603_235.8 S2 M2SA4	103	F603_235.8 P80 BN80B4	104
6.4	1036	2.8	217.6	20000	F603_217.6 S2 M2SA4	103	F603_217.6 P80 BN80B4	104
6.9	963	1.7	202.4	12000	F503_202.4 S2 M2SA4	99	F503_202.4 P80 BN80B4	100
7.0	958	3.0	201.4	20000	F603_201.4 S2 M2SA4	103	F603_201.4 P80 BN80B4	104
7.0	946	1.0	198.9	8500	F403_198.9 S2 M2SA4	95	F403_198.9 P80 BN80B4	96
8.3	803	1.2	168.7	8500	F403_168.7 S2 M2SA4	95	F403_168.7 P80 BN80B4	96
8.5	788	2.0	165.6	12000	F503_165.6 S2 M2SA4	99	F503_165.6 P80 BN80B4	100
10.4	639	1.5	134.4	8500	F403_134.4 S2 M2SA4	95	F403_134.4 P80 BN80B4	96
10.8	618	2.6	129.9	12000	F503_129.9 S2 M2SA4	99	F503_129.9 P80 BN80B4	100
12.4	535	1.0	112.5	6500	F303_112.5 S2 M2SA4	91	F303_112.5 P80 BN80B4	92
13.2	504	1.9	106.0	8500	F403_106.0 S2 M2SA4	95	F403_106.0 P80 BN80B4	96
13.3	500	3.2	105.1	12000	F503_105.1 S2 M2SA4	99	F503_105.1 P80 BN80B4	100
16.0	416	1.3	87.4	6500	F303_87.4 S2 M2SA4	91	F303_87.4 P80 BN80B4	92
16.5	404	2.4	84.9	8500	F403_84.9 S2 M2SA4	95	F403_84.9 P80 BN80B4	96
20.3	329	1.7	69.1	6500	F303_69.1 S2 M2SA4	91	F303_69.1 P80 BN80B4	92
21.1	316	3.0	66.5	8500	F403_66.5 S2 M2SA4	95	F403_66.5 P80 BN80B4	96
26.3	259	1.4	35.0	6500	F302_35.0 S2 M2SB6	91	F302_35.0 P90 BN90S6	92
26.9	248	2.1	52.1	6500	F303_52.1 S2 M2SA4	91	F303_52.1 P80 BN80B4	92
27.6	247	1.0	50.7	3510	F202_50.7 S2 M2SA4	87	F202_50.7 P80 BN80B4	88
33	203	1.2	41.8	3370	F202_41.8 S2 M2SA4	87	F202_41.8 P80 BN80B4	88
35	191	2.5	40.2	6500	F303_40.2 S2 M2SA4	91	F303_40.2 P80 BN80B4	92
35	192	1.3	25.9	3330	F202_25.9 S2 M2SB6	87	F202_25.9 P90 BN90S6	88
40	172	3.4	35.3	8500	F402_35.3 S2 M2SA4	95	F402_35.3 P80 BN80B4	96
40	170	2.1	35.0	6500	F302_35.0 S2 M2SA4	91	F302_35.0 P80 BN80B4	92
42	161	1.6	33.1	3200	F202_33.1 S2 M2SA4	87	F202_33.1 P80 BN80B4	88
46	149	1.7	20.2	3140	F202_20.2 S2 M2SB6	87	F202_20.2 P90 BN90S6	88
48	143	1.0	19.3	2550	F102_19.3 S2 M2SB6	83	F102_19.3 P90 BN90S6	84
49	140	2.7	28.9	6500	F302_28.9 S2 M2SA4	91	F302_28.9 P80 BN80B4	92
54	126	1.9	25.9	3020	F202_25.9 S2 M2SA4	87	F202_25.9 P80 BN80B4	88
54	125	1.1	25.8	2470	F102_25.8 S2 M2SA4	83	F102_25.8 P80 BN80B4	84
57	118	3.2	24.4	6500	F302_24.4 S2 M2SA4	91	F302_24.4 P80 BN80B4	92
62	109	2.1	14.8	2910	F202_14.8 S2 M2SB6	87	F202_14.8 P90 BN90S6	88
63	108	1.3	14.6	2390	F102_14.6 S2 M2SB6	83	F102_14.6 P90 BN90S6	84
69	98	2.3	20.2	2830	F202_20.2 S2 M2SA4	87	F202_20.2 P80 BN80B4	88
72	94	1.4	19.3	2310	F102_19.3 S2 M2SA4	83	F102_19.3 P80 BN80B4	84
82	83	2.5	11.2	2690	F202_11.2 S2 M2SB6	87	F202_11.2 P90 BN90S6	88
95	72	2.8	14.8	2600	F202_14.8 S2 M2SA4	87	F202_14.8 P80 BN80B4	88
96	71	1.7	14.6	2150	F102_14.6 S2 M2SA4	83	F102_14.6 P80 BN80B4	84
105	65	2.8	8.7	2510	F202_8.7 S2 M2SB6	87	F202_8.7 P90 BN90S6	88
107	63	1.6	13.0	2070	F102_13.0 S2 M2SA4	83	F102_13.0 P80 BN80B4	84
108	63	3.1	25.9	2500	F202_25.9 S1 M1LA2	87	F202_25.9 P80 BN80A2	88
109	63	2.0	25.8	2080	F102_25.8 S1 M1LA2	83	F102_25.8 P80 BN80A2	84
124	55	1.7	7.4	1990	F102_7.4 S2 M2SB6	83	F102_7.4 P90 BN90S6	84
125	55	3.2	11.2	2390	F202_11.2 S2 M2SA4	87	F202_11.2 P80 BN80B4	88
139	49	3.7	20.2	2330	F202_20.2 S1 M1LA2	87	F202_20.2 P80 BN80A2	88
143	47	1.9	9.8	1920	F102_9.8 S2 M2SA4	83	F102_9.8 P80 BN80B4	84
189	36	2.1	7.4	1770	F102_7.4 S2 M2SA4	83	F102_7.4 P80 BN80B4	84
191	36	2.6	14.6	1770	F102_14.6 S1 M1LA2	83	F102_14.6 P80 BN80A2	84
215	32	2.7	13.0	1710	F102_13.0 S1 M1LA2	83	F102_13.0 P80 BN80A2	84
287	24	3.1	9.8	1570	F102_9.8 S1 M1LA2	83	F102_9.8 P80 BN80A2	84
378	18	3.5	7.4	1440	F102_7.4 S1 M1LA2	83	F102_7.4 P80 BN80A2	84



C.46

1.1 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
0.54	17685	0.8	1702	55000	F904_1702 S3 M3SA6	115	F904_1702 P90 BN90L6	116
0.64	14838	0.9	1428	55000	F904_1428 S3 M3SA6	115	F904_1428 P90 BN90L6	116
0.67	14332	1.0	2099	55000	F904_2099 S2 M2SB4	115	F904_2099 P90 BN90S4	116
0.72	13226	1.1	1937	55000	F904_1937 S2 M2SB4	115	F904_1937 P90 BN90S4	116
0.82	11622	1.2	1702	55000	F904_1702 S2 M2SB4	115	F904_1702 P90 BN90S4	116
0.89	10727	1.3	1571	55000	F904_1571 S2 M2SB4	115	F904_1571 P90 BN90S4	116
0.98	9751	1.4	1428	55000	F904_1428 S2 M2SB4	115	F904_1428 P90 BN90S4	116
1.2	8228	1.7	1205	55000	F904_1205 S2 M2SB4	115	F904_1205 P90 BN90S4	116
1.3	7593	1.8	1112	55000	F904_1112 S2 M2SB4	115	F904_1112 P90 BN90S4	116
1.3	7224	1.1	1058	45000	F804_1058 S2 M2SB4	111	F804_1058 P90 BN90S4	112
1.4	6733	2.1	986.0	55000	F904_986.0 S2 M2SB4	115	F904_986.0 P90 BN90S4	116
1.4	6637	1.2	972.0	45000	F804_972.0 S2 M2SB4	111	F804_972.0 P90 BN90S4	112
1.5	6215	2.3	910.2	55000	F904_910.2 S2 M2SB4	115	F904_910.2 P90 BN90S4	116
1.6	6141	0.8	899.4	35000	F704_899.4 S2 M2SB4	107	F704_899.4 P90 BN90S4	108
1.8	5288	1.5	774.4	45000	F804_774.4 S2 M2SB4	111	F804_774.4 P90 BN90S4	112
1.8	5281	2.7	773.4	55000	F904_773.4 S2 M2SB4	115	F904_773.4 P90 BN90S4	116
1.8	5183	1.0	759.0	35000	F704_759.0 S2 M2SB4	107	F704_759.0 P90 BN90S4	108
2.0	4882	1.6	714.9	45000	F804_714.9 S2 M2SB4	111	F804_714.9 P90 BN90S4	112
2.0	4875	2.9	714.0	55000	F904_714.0 S2 M2SB4	115	F904_714.0 P90 BN90S4	116
2.1	4489	1.1	657.4	35000	F704_657.4 S2 M2SB4	107	F704_657.4 P90 BN90S4	108
2.2	4272	3.3	625.6	55000	F904_625.6 S2 M2SB4	115	F904_625.6 P90 BN90S4	116
2.3	4171	1.9	610.9	45000	F804_610.9 S2 M2SB4	111	F804_610.9 P90 BN90S4	112
2.3	4143	1.2	606.8	35000	F704_606.8 S2 M2SB4	107	F704_606.8 P90 BN90S4	108
2.5	3850	2.1	563.9	45000	F804_563.9 S2 M2SB4	111	F804_563.9 P90 BN90S4	112
2.7	3485	1.4	510.4	35000	F704_510.4 S2 M2SB4	107	F704_510.4 P80 BN80C4	108
3.0	3217	1.6	471.2	35000	F704_471.2 S2 M2SB4	107	F704_471.2 P90 BN90S4	108
3.1	3083	2.6	451.5	45000	F804_451.5 S2 M2SB4	111	F804_451.5 P90 BN90S4	112
3.2	2954	1.0	432.6	20000	F604_432.6 S2 M2SB4	103	F604_432.6 P90 BN90S4	104
3.5	2755	1.8	403.5	35000	F704_403.5 S2 M2SB4	107	F704_403.5 P90 BN90S4	108
3.5	2727	1.1	399.3	20000	F604_399.3 S2 M2SB4	103	F604_399.3 P90 BN90S4	104
3.8	2544	2.0	372.5	35000	F704_372.5 S2 M2SB4	107	F704_372.5 P90 BN90S4	108
4.1	2333	1.2	341.7	20000	F604_341.7 S2 M2SB4	103	F604_341.7 P90 BN90S4	104
4.4	2154	1.3	315.4	20000	F604_315.4 S2 M2SB4	103	F604_315.4 P90 BN90S4	104
4.6	2078	2.4	304.3	35000	F704_304.3 S2 M2SB4	107	F704_304.3 P90 BN90S4	108
5.0	1918	2.6	280.9	35000	F704_280.9 S2 M2SB4	107	F704_280.9 P90 BN90S4	108
5.0	1959	1.5	280.7	20000	F603_280.7 S2 M2SB4	103	F603_280.7 P90 BN90S4	104
5.4	1808	1.6	259.1	20000	F603_259.1 S2 M2SB4	103	F603_259.1 P90 BN90S4	104
5.8	1674	1.0	239.8	12000	F503_239.8 S2 M2SB4	99	F503_239.8 P90 BN90S4	100
5.9	1645	1.8	235.8	20000	F603_235.8 S2 M2SB4	103	F603_235.8 P90 BN90S4	104
6.0	1602	3.1	234.6	35000	F704_234.6 S2 M2SB4	107	F704_234.6 P90 BN90S4	108
6.4	1519	1.9	217.6	20000	F603_217.6 S2 M2SB4	103	F603_217.6 P90 BN90S4	104
6.5	1478	3.4	216.5	35000	F704_216.5 S2 M2SB4	107	F704_216.5 P90 BN90S4	108
6.9	1412	1.1	202.4	12000	F503_202.4 S2 M2SB4	99	F503_202.4 P90 BN90S4	100
7.5	1297	2.2	185.9	20000	F603_185.9 S2 M2SB4	103	F603_185.9 P90 BN90S4	104
8.5	1156	1.4	165.6	12000	F503_165.6 S2 M2SB4	99	F503_165.6 P90 BN90S4	100
8.6	1137	2.6	162.9	20000	F603_162.9 S2 M2SB4	103	F603_162.9 P90 BN90S4	104
10.4	938	1.0	134.4	8500	F403_134.4 S2 M2SB4	95	F403_134.4 P90 BN90S4	96
10.7	911	3.2	130.5	20000	F603_130.5 S2 M2SB4	103	F603_130.5 P90 BN90S4	104
10.8	907	1.8	129.9	12000	F503_129.9 S2 M2SB4	99	F503_129.9 P90 BN90S4	100
13.2	740	1.3	106.0	8500	F403_106.0 S2 M2SB4	95	F403_106.0 P90 BN90S4	96
13.3	733	2.2	105.1	12000	F503_105.1 S2 M2SB4	99	F503_105.1 P90 BN90S4	100
16.0	610	0.9	87.4	6500	F303_87.4 S2 M2SB4	91	F303_87.4 P90 BN90S4	92
16.5	592	1.6	84.9	8500	F403_84.9 S2 M2SB4	95	F403_84.9 P90 BN90S4	96
16.8	581	2.8	83.2	12000	F503_83.2 S2 M2SB4	99	F503_83.2 P90 BN90S4	100
17.7	553	1.0	52.1	6500	F303_52.1 S3 M3SA6	91	F303_52.1 P90 BN90L6	92
20.3	482	1.1	69.1	6500	F303_69.1 S2 M2SB4	91	F303_69.1 P90 BN90S4	92
21.1	464	2.0	66.5	8500	F403_66.5 S2 M2SB4	95	F403_66.5 P90 BN90S4	96
21.3	459	3.5	65.8	12000	F503_65.8 S2 M2SB4	99	F503_65.8 P90 BN90S4	100
26.3	380	0.9	35.0	6500	F302_35.0 S3 M3SA6	91	F302_35.0 P90 BN90L6	92
26.9	364	1.4	52.1	6500	F303_52.1 S2 M2SB4	91	F303_52.1 P90 BN90S4	92
27.2	359	2.4	51.5	8500	F403_51.5 S2 M2SB4	95	F403_51.5 P90 BN90S4	96
32	313	1.2	28.9	6500	F302_28.9 S3 M3SA6	91	F302_28.9 P90 BN90L6	92
35	280	1.7	40.2	6500	F303_40.2 S2 M2SB4	91	F303_40.2 P90 BN90S4	92
37	265	2.8	37.9	8500	F403_37.9 S2 M2SB4	95	F403_37.9 P90 BN90S4	96
40	250	1.4	35.0	6500	F302_35.0 S2 M2SB4	91	F302_35.0 P90 BN90S4	92
42	236	1.1	33.1	2980	F202_33.1 S2 M2SB4	87	F202_33.1 P90 BN90S4	88
46	219	1.1	20.2	2940	F202_20.2 S3 M3SA6	87	F202_20.2 P90 BN90L6	88
47	213	3.0	29.9	8500	F402_29.9 S2 M2SB4	95	F402_29.9 P90 BN90S4	96
49	206	1.8	28.9	6500	F302_28.9 S2 M2SB4	91	F302_28.9 P90 BN90S4	92
54	185	1.3	25.9	2840	F202_25.9 S2 M2SB4	87	F202_25.9 P90 BN90S4	88



C.47

1.1 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
57	174	2.2	24.4	6500	F302_24.4 S2 M2SB4	91	F302_24.4 P90 BN90S4	92
62	161	1.4	14.8	2760	F202_14.8 S3 M3SA6	87	F202_14.8 P90 BN90L6	88
69	144	1.6	20.2	2690	F202_20.2 S2 M2SB4	87	F202_20.2 P90 BN90S4	88
71	141	1.0	39.6	2180	F102_39.6 S2 M2SA2	83	F102_39.6 P80 BN80B2	84
72	139	2.7	19.5	6370	F302_19.5 S2 M2SB4	91	F302_19.5 P90 BN90S4	92
72	138	1.0	19.3	2170	F102_19.3 S2 M2SB4	83	F102_19.3 P90 BN90S4	84
82	122	1.7	11.2	2570	F202_11.2 S3 M3SA6	87	F202_11.2 P90 BN90L6	88
93	108	3.5	15.1	5930	F302_15.1 S2 M2SB4	91	F302_15.1 P90 BN90S4	92
95	105	1.9	14.8	2500	F202_14.8 S2 M2SB4	87	F202_14.8 P90 BN90S4	88
96	104	1.1	14.6	2050	F102_14.6 S2 M2SB4	83	F102_14.6 P90 BN90S4	84
107	93	1.1	13.0	1980	F102_13.0 S2 M2SB4	83	F102_13.0 P90 BN90S4	84
108	92	2.1	25.9	2420	F202_25.9 S2 M2SA2	87	F202_25.9 P80 BN80B2	88
124	80	1.1	7.4	1910	F102_7.4 S3 M3SA6	83	F102_7.4 P90 BN90L6	84
125	80	2.2	11.2	2310	F202_11.2 S2 M2SB4	87	F202_11.2 P90 BN90S4	88
139	72	2.5	20.2	2260	F202_20.2 S2 M2SA2	87	F202_20.2 P80 BN80B2	88
143	70	1.3	9.8	1840	F102_9.8 S2 M2SB4	83	F102_9.8 P90 BN90S4	84
160	62	2.5	8.7	2160	F202_8.7 S2 M2SB4	87	F202_8.7 P90 BN90S4	88
189	53	1.4	7.4	1720	F102_7.4 S2 M2SB4	83	F102_7.4 P90 BN90S4	84
189	53	3.1	14.8	2070	F202_14.8 S2 M2SA2	87	F202_14.8 P80 BN80B2	88
215	46	1.8	13.0	1660	F102_13.0 S2 M2SA2	83	F102_13.0 P80 BN80B2	84
218	46	2.8	6.4	1980	F202_6.4 S2 M2SB4	87	F202_6.4 P90 BN90S4	88
249	40	3.5	11.2	1910	F202_11.2 S2 M2SA2	87	F202_11.2 P80 BN80B2	88
287	35	2.1	9.8	1530	F102_9.8 S2 M2SA2	83	F102_9.8 P80 BN80B2	84
378	26	2.4	7.4	1410	F102_7.4 S2 M2SA2	83	F102_7.4 P80 BN80B2	84

1.5 kW

0.73	17908	0.8	1937	55000	F904_1937 S3 M3SA4	115	F904_1937 P90 BN90LA4	116
0.83	15735	0.9	1702	55000	F904_1702 S3 M3SA4	115	F904_1702 P90 BN90LA4	116
0.90	14524	1.0	1571	55000	F904_1571 S3 M3SA4	115	F904_1571 P90 BN90LA4	116
1.1	12185	1.1	1318	55000	F904_1318 S3 M3SA4	115	F904_1318 P90 BN90LA4	116
1.2	11140	1.3	1205	55000	F904_1205 S3 M3SA4	115	F904_1205 P90 BN90LA4	116
1.3	10281	1.4	1112	55000	F904_1112 S3 M3SA4	115	F904_1112 P90 BN90LA4	116
1.4	9116	1.5	986.0	55000	F904_986.0 S3 M3SA4	115	F904_986.0 P90 BN90LA4	116
1.5	8986	0.9	972.0	45000	F804_972.0 S3 M3SA4	111	F804_972.0 P90 BN90LA4	112
1.5	8415	1.7	910.2	55000	F904_910.2 S3 M3SA4	115	F904_910.2 P90 BN90LA4	116
1.6	8296	1.0	897.3	45000	F804_897.3 S3 M3SA4	111	F804_897.3 P90 BN90LA4	112
1.8	7159	1.1	774.4	45000	F804_774.4 S3 M3SA4	111	F804_774.4 P90 BN90LA4	112
1.8	7150	2.0	773.4	55000	F904_773.4 S3 M3SA4	115	F904_773.4 P90 BN90LA4	116
2.0	6609	1.2	714.9	45000	F804_714.9 S3 M3SA4	111	F804_714.9 P90 BN90LA4	112
2.0	6601	2.1	714.0	55000	F904_714.0 S3 M3SA4	115	F904_714.0 P90 BN90LA4	116
2.3	5784	2.4	625.6	55000	F904_625.6 S3 M3SA4	115	F904_625.6 P90 BN90LA4	116
2.3	5648	1.4	610.9	45000	F804_610.9 S3 M3SA4	111	F804_610.9 P90 BN90LA4	112
2.5	5213	1.5	563.9	45000	F804_563.9 S3 M3SA4	111	F804_563.9 P90 BN90LA4	112
2.8	4719	1.1	510.4	35000	F704_510.4 S3 M3SA4	107	F704_510.4 P90 BN90LA4	108
2.8	4582	3.1	495.6	55000	F904_495.6 S3 M3SA4	115	F904_495.6 P90 BN90LA4	116
2.9	4522	1.8	489.1	45000	F804_489.1 S3 M3SA4	111	F804_489.1 P90 BN90LA4	112
3.0	4356	1.1	471.2	35000	F704_471.2 S3 M3SA4	107	F704_471.2 P90 BN90LA4	108
3.1	4230	3.3	457.5	55000	F904_457.5 S3 M3SA4	115	F904_457.5 P90 BN90LA4	116
3.1	4174	1.9	451.5	45000	F804_451.5 S3 M3SA4	111	F804_451.5 P90 BN90LA4	112
3.5	3730	1.3	403.5	35000	F704_403.5 S3 M3SA4	107	F704_403.5 P90 BN90LA4	108
3.7	3543	2.3	383.2	45000	F804_383.2 S3 M3SA4	111	F804_383.2 P90 BN90LA4	112
3.8	3444	1.5	372.5	35000	F704_372.5 S3 M3SA4	107	F704_372.5 P90 BN90LA4	108
4.0	3270	2.4	353.7	45000	F804_353.7 S3 M3SA4	111	F804_353.7 P90 BN90LA4	112
4.1	3159	0.9	341.7	20000	F604_341.7 S3 M3SA4	103	F604_341.7 P90 BN90LA4	104
4.5	2916	1.0	315.4	20000	F604_315.4 S3 M3SA4	103	F604_315.4 P90 BN90LA4	104
4.6	2813	1.8	304.3	35000	F704_304.3 S3 M3SA4	107	F704_304.3 P90 BN90LA4	108
4.8	2743	2.9	296.7	45000	F804_296.7 S3 M3SA4	111	F804_296.7 P90 BN90LA4	112
5.0	2597	1.9	280.9	35000	F704_280.9 S3 M3SA4	107	F704_280.9 P90 BN90LA4	108
5.0	2652	1.1	280.7	20000	F603_280.7 S3 M3SA4	103	F603_280.7 P90 BN90LA4	104
5.1	2532	3.2	273.9	45000	F804_273.9 S3 M3SA4	111	F804_273.9 P90 BN90LA4	112
5.4	2448	1.2	259.1	20000	F603_259.1 S3 M3SA4	103	F603_259.1 P90 BN90LA4	104
6.0	2228	1.3	235.8	20000	F603_235.8 S3 M3SA4	103	F603_235.8 P90 BN90LA4	104
6.0	2169	2.3	234.6	35000	F704_234.6 S3 M3SA4	107	F704_234.6 P90 BN90LA4	108
6.5	2056	1.4	217.6	20000	F603_217.6 S3 M3SA4	103	F603_217.6 P90 BN90LA4	104
6.5	2002	2.5	216.5	35000	F704_216.5 S3 M3SA4	107	F704_216.5 P90 BN90LA4	108
7.0	1903	1.5	201.4	20000	F603_201.4 S3 M3SA4	103	F603_201.4 P90 BN90LA4	104



C.48

1.5 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
7.2	1852	2.7	196.0	35000	F703_196.0 S3 M3SA4	103	F703_196.0 P90 BN90LA4	108
7.6	1756	1.7	185.9	20000	F603_185.9 S3 M3SA4	103	F603_185.9 P90 BN90LA4	104
7.8	1710	2.9	180.9	35000	F703_180.9 S3 M3SA4	103	F703_180.9 P90 BN90LA4	108
8.5	1575	3.2	166.7	35000	F703_166.7 S3 M3SA4	103	F703_166.7 P90 BN90LA4	108
8.5	1565	1.0	165.6	12000	F503_165.6 S3 M3SA4	99	F503_165.6 P90 BN90LA4	100
8.7	1539	1.9	162.9	20000	F603_162.9 S3 M3SA4	103	F603_162.9 P90 BN90LA4	104
10.8	1233	2.4	130.5	20000	F603_130.5 S3 M3SA4	103	F603_130.5 P90 BN90LA4	104
10.9	1227	1.3	129.9	12000	F503_129.9 S3 M3SA4	99	F503_129.9 P90 BN90LA4	100
13.3	1005	2.9	106.4	20000	F603_106.4 S3 M3SA4	103	F603_106.4 P90 BN90LA4	104
13.3	1002	0.9	106.0	8500	F403_106.0 S3 M3SA4	95	F403_106.0 P90 BN90LA4	96
13.4	993	1.6	105.1	12000	F503_105.1 S3 M3SA4	99	F503_105.1 P90 BN90LA4	100
16.6	802	1.2	84.9	8500	F403_84.9 S3 M3SA4	95	F403_84.9 P90 BN90LA4	96
16.9	786	2.0	83.2	12000	F503_83.2 S3 M3SA4	99	F503_83.2 P90 BN90LA4	100
21.2	628	1.5	66.5	8500	F403_66.5 S3 M3SA4	95	F403_66.5 P90 BN90LA4	96
21.4	622	2.6	65.8	12000	F503_65.8 S3 M3SA4	99	F503_65.8 P90 BN90LA4	100
27.1	492	1.0	52.1	8500	F303_52.1 S3 M3SA4	91	F303_52.1 P90 BN90LA4	92
27.4	487	1.8	51.5	8500	F403_51.5 S3 M3SA4	95	F403_51.5 P90 BN90LA4	96
28.8	462	2.9	48.9	12000	F503_48.9 S3 M3SA4	99	F503_48.9 P90 BN90LA4	100
35	379	1.2	40.2	8500	F303_40.2 S3 M3SA4	91	F303_40.2 P90 BN90LA4	92
36	367	3.3	38.9	12000	F503_38.9 S3 M3SA4	99	F503_38.9 P90 BN90LA4	100
37	358	2.1	37.9	8500	F403_37.9 S3 M3SA4	95	F403_37.9 P90 BN90LA4	96
40	341	1.7	35.3	8500	F402_35.3 S3 M3SA4	95	F402_35.3 P90 BN90LA4	96
40	338	1.1	35.0	8500	F302_35.0 S3 M3SA4	91	F302_35.0 P90 BN90LA4	92
46	296	3.0	30.7	11900	F502_30.7 S3 M3SA4	99	F502_30.7 P90 BN90LA4	100
47	289	2.2	29.9	8500	F402_29.9 S3 M3SA4	95	F402_29.9 P90 BN90LA4	96
49	279	1.4	28.9	6500	F302_28.9 S3 M3SA4	91	F302_28.9 P90 BN90LA4	92
54	250	1.0	25.9	2640	F202_25.9 S3 M3SA4	87	F202_25.9 P90 BN90LA4	88
58	235	1.6	24.4	6500	F302_24.4 S3 M3SA4	91	F302_24.4 P90 BN90LA4	92
59	230	3.0	23.8	8500	F402_23.8 S3 M3SA4	95	F402_23.8 P90 BN90LA4	96
64	214	1.1	14.8	2580	F202_14.8 S3 M3LA6	87	F202_14.8 P100 BN100LA6	88
70	195	1.1	20.2	2530	F202_20.2 S3 M3SA4	87	F202_20.2 P90 BN90LA4	88
72	188	2.0	19.5	6160	F302_19.5 S3 M3SA4	91	F302_19.5 P90 BN90LA4	92
84	163	1.3	11.2	2420	F202_11.2 S3 M3LA6	87	F202_11.2 P100 BN100LA6	88
93	146	2.6	15.1	5770	F302_15.1 S3 M3SA4	91	F302_15.1 P90 BN90LA4	92
95	143	1.4	14.8	2380	F202_14.8 S3 M3SA4	87	F202_14.8 P90 BN90LA4	88
108	126	1.6	25.9	2320	F202_25.9 S2 M2SB2	87	F202_25.9 P90 BN90SA2	88
118	115	3.3	12.0	5410	F302_12.0 S3 M3SA4	91	F302_12.0 P90 BN90LA4	92
126	108	1.6	11.2	2220	F202_11.2 S3 M3SA4	87	F202_11.2 P90 BN90LA4	88
139	98	1.9	20.2	2180	F202_20.2 S2 M2SB2	87	F202_20.2 P90 BN90SA2	88
144	94	0.9	9.8	1760	F102_9.8 S3 M3SA4	83	F102_9.8 P90 BN90LA4	84
161	84	1.8	8.7	2090	F202_8.7 S3 M3SA4	87	F202_8.7 P90 BN90LA4	88
189	72	2.3	14.8	2020	F202_14.8 S2 M2SB2	87	F202_14.8 P90 BN90SA2	88
190	71	1.1	7.4	1650	F102_7.4 S3 M3SA4	83	F102_7.4 P90 BN90LA4	84
215	63	1.3	13.0	1600	F102_13.0 S2 M2SB2	83	F102_13.0 P90 BN90SA2	84
220	62	2.1	6.4	1930	F202_6.4 S3 M3SA4	87	F202_6.4 P90 BN90LA4	88
249	55	2.6	11.2	1860	F202_11.2 S2 M2SB2	87	F202_11.2 P90 BN90SA2	88
287	47	1.5	9.8	1490	F102_9.8 S2 M2SB2	83	F102_9.8 P90 BN90SA2	84
321	42	2.9	8.7	1740	F202_8.7 S2 M2SB2	87	F202_8.7 P90 BN90SA2	88
378	36	1.8	7.4	1380	F102_7.4 S2 M2SB2	83	F102_7.4 P90 BN90SA2	84
437	31	3.3	6.4	1590	F202_6.4 S2 M2SB2	87	F202_6.4 P90 BN90SA2	88

2.2 kW

1.2	16339	0.9	1205	55000	F904_1205 S3 M3LA4	115	F904_1205 P100 BN100LA4	116
1.3	15078	0.9	1112	55000	F904_1112 S3 M3LA4	115	F904_1112 P100 BN100LA4	116
1.4	13370	1.0	986.0	55000	F904_986.0 S3 M3LA4	115	F904_986.0 P100 BN100LA4	116
1.5	12342	1.1	910.2	55000	F904_910.2 S3 M3LA4	115	F904_910.2 P100 BN100LA4	116
1.8	10487	1.3	773.4	55000	F904_773.4 S3 M3LA4	115	F904_773.4 P100 BN100LA4	116
2.0	9682	1.4	714.0	55000	F904_714.0 S3 M3LA4	115	F904_714.0 P100 BN100LA4	116
2.3	8483	1.7	625.6	55000	F904_625.6 S3 M3LA4	115	F904_625.6 P100 BN100LA4	116
2.3	8284	1.0	610.9	45000	F804_610.9 S3 M3LA4	111	F804_610.9 P100 BN100LA4	112
2.8	6720	2.1	495.6	55000	F904_495.6 S3 M3LA4	115	F904_495.6 P100 BN100LA4	116
2.9	6632	1.2	489.1	45000	F804_489.1 S3 M3LA4	111	F804_489.1 P100 BN100LA4	112
3.1	6122	1.3	451.5	45000	F804_451.5 S3 M3LA4	111	F804_451.5 P100 BN100LA4	112
3.5	5471	0.9	403.5	35000	F704_403.5 S3 M3LA4	107	F704_403.5 P100 BN100LA4	108
3.6	5315	2.6	392.0	55000	F904_392.0 S3 M3LA4	115	F904_392.0 P100 BN100LA4	116
3.7	5196	1.5	383.2	45000	F804_383.2 S3 M3LA4	111	F804_383.2 P100 BN100LA4	112
3.8	5051	1.0	372.5	35000	F704_372.5 S3 M3LA4	107	F704_372.5 P100 BN100LA4	108



C.49

2.2 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
3.9	4906	2.9	361.8	55000	F904_361.8 S3 M3LA4	115	F904_361.8 P100 BN100LA4	116
4.0	4796	1.7	353.7	45000	F804_353.7 S3 M3LA4	111	F804_353.7 P100 BN100LA4	112
4.6	4126	1.2	304.3	35000	F704_304.3 S3 M3LA4	107	F704_304.3 P100 BN100LA4	108
4.8	4023	2.0	296.7	45000	F804_296.7 S3 M3LA4	111	F804_296.7 P100 BN100LA4	112
4.8	3947	3.5	291.1	55000	F904_291.1 S3 M3LA4	115	F904_291.1 P100 BN100LA4	116
5.0	3809	1.3	280.9	35000	F704_280.9 S3 M3LA4	107	F704_280.9 P100 BN100LA4	108
5.1	3714	2.2	273.9	45000	F804_273.9 S3 M3LA4	111	F804_273.9 P100 BN100LA4	112
6.0	3181	1.6	234.6	35000	F704_234.6 S3 M3LA4	107	F704_234.6 P100 BN100LA4	108
6.5	2963	2.7	218.5	45000	F804_218.5 S3 M3LA4	111	F804_218.5 P100 BN100LA4	112
6.5	3016	1.0	217.6	20000	F603_217.6 S3 M3LA4	103	F603_217.6 P100 BN100LA4	104
6.5	2936	1.7	216.5	35000	F704_216.5 S3 M3LA4	107	F704_216.5 P100 BN100LA4	108
7.1	2772	2.9	200.0	45000			F803_200.0 P100 BN100LA4	112
7.2	2716	1.8	196.0	35000	F703_196.0 S3 M3LA4	103	F703_196.0 P100 BN100LA4	108
7.6	2576	1.1	185.9	20000	F603_185.9 S3 M3LA4	103	F603_185.9 P100 BN100LA4	104
7.6	2558	3.1	184.6	45000			F803_184.6 P100 BN100LA4	112
7.8	2507	2.0	180.9	35000	F703_180.9 S3 M3LA4	103	F703_180.9 P100 BN100LA4	108
8.5	2310	2.2	166.7	35000	F703_166.7 S3 M3LA4	103	F703_166.7 P100 BN100LA4	108
8.7	2257	1.3	162.9	20000	F603_162.9 S3 M3LA4	103	F603_162.9 P100 BN100LA4	104
9.2	2132	2.3	153.8	35000	F703_153.8 S3 M3LA4	103	F703_153.8 P100 BN100LA4	108
9.4	2084	1.4	150.4	20000	F603_150.4 S3 M3LA4	103	F603_150.4 P100 BN100LA4	104
10.6	1842	2.7	133.0	35000	F703_133.0 S3 M3LA4	103	F703_133.0 P100 BN100LA4	108
10.8	1808	1.6	130.5	20000	F603_130.5 S3 M3LA4	103	F603_130.5 P100 BN100LA4	104
11.5	1701	2.9	122.7	35000	F703_122.7 S3 M3LA4	103	F703_122.7 P100 BN100LA4	108
11.7	1669	1.7	120.5	20000	F603_120.5 S3 M3LA4	103	F603_120.5 P100 BN100LA4	104
12.9	1519	3.3	109.6	35000	F703_109.6 S3 M3LA4	103	F703_109.6 P100 BN100LA4	108
13.3	1474	2.0	106.4	20000	F603_106.4 S3 M3LA4	103	F603_106.4 P100 BN100LA4	104
13.4	1456	1.1	105.1	12000	F503_105.1 S3 M3LA4	99	F503_105.1 P100 BN100LA4	100
14.4	1361	2.1	98.2	20000	F603_98.2 S3 M3LA4	103	F603_98.2 P100 BN100LA4	104
16.8	1164	2.5	84.0	20000	F603_84.0 S3 M3LA4	103	F603_84.0 P100 BN100LA4	104
16.9	1154	1.4	83.2	12000	F503_83.2 S3 M3LA4	99	F503_83.2 P100 BN100LA4	100
18.2	1075	2.7	77.6	20000	F603_77.6 S3 M3LA4	103	F603_77.6 P100 BN100LA4	104
20.7	946	3.1	68.3	20000	F603_68.3 S3 M3LA4	103	F603_68.3 P100 BN100LA4	104
21.2	921	1.0	66.5	8500	F403_66.5 S3 M3LA4	95	F403_66.5 P100 BN100LA4	96
21.4	912	1.6	65.8	12000	F503_65.8 S3 M3LA4	99	F503_65.8 P100 BN100LA4	100
22.4	873	3.3	63.0	20000	F603_63.0 S3 M3LA4	103	F603_63.0 P100 BN100LA4	104
27.4	714	1.2	51.5	8500	F403_51.5 S3 M3LA4	95	F403_51.5 P100 BN100LA4	96
28.8	678	2.0	48.9	12000	F503_48.9 S3 M3LA4	99	F503_48.9 P100 BN100LA4	100
36	539	2.3	38.9	12000	F503_38.9 S3 M3LA4	99	F503_38.9 P100 BN100LA4	100
40	500	1.2	35.3	8500	F402_35.3 S3 M3LA4	95	F402_35.3 P100 BN100LA4	96
46	434	2.1	30.7	11500	F502_30.7 S3 M3LA4	99	F502_30.7 P100 BN100LA4	100
47	424	1.5	29.9	8500	F402_29.9 S3 M3LA4	95	F402_29.9 P100 BN100LA4	96
49	409	0.9	28.9	6230	F302_28.9 S3 M3LA4	91	F302_28.9 P100 BN100LA4	92
58	345	1.1	24.4	6060	F302_24.4 S3 M3LA4	91	F302_24.4 P100 BN100LA4	92
59	340	2.9	24.0	10800	F502_24.0 S3 M3LA4	99	F502_24.0 P100 BN100LA4	100
59	338	2.1	23.8	8390	F402_23.8 S3 M3LA4	95	F402_23.8 P100 BN100LA4	96
72	276	1.4	19.5	5800	F302_19.5 S3 M3LA4	91	F302_19.5 P100 BN100LA4	92
72	275	3.6	19.5	10200	F502_19.5 S3 M3LA4	99	F502_19.5 P100 BN100LA4	100
75	266	2.6	18.8	7910	F402_18.8 S3 M3LA4	95	F402_18.8 P100 BN100LA4	96
93	214	1.8	15.1	5490	F302_15.1 S3 M3LA4	91	F302_15.1 P100 BN100LA4	92
94	213	3.3	15.1	7460	F402_15.1 S3 M3LA4	95	F402_15.1 P100 BN100LA4	96
95	209	1.0	14.8	2190	F202_14.8 S3 M3LA4	87	F202_14.8 P100 BN100LA4	88
118	169	2.2	12.0	5190	F302_12.0 S3 M3LA4	91	F302_12.0 P100 BN100LA4	92
126	159	1.1	11.2	2060	F202_11.2 S3 M3LA4	87	F202_11.2 P100 BN100LA4	88
139	143	1.3	20.2	2050	F202_20.2 S3 M3SA2	87	F202_20.2 P90 BN90L2	88
156	128	3.0	9.0	4830	F302_9.0 S3 M3LA4	91	F302_9.0 P100 BN100LA4	92
161	124	1.3	8.7	1960	F202_8.7 S3 M3LA4	87	F202_8.7 P100 BN100LA4	88
190	105	1.6	14.8	1920	F202_14.8 S3 M3SA2	87	F202_14.8 P90 BN90L2	88
192	104	0.9	14.6	1550	F102_14.6 S3 M3SA2	83	F102_14.6 P90 BN90L2	84
216	93	0.9	13.0	1500	F102_13.0 S3 M3SA2	83	F102_13.0 P90 BN90L2	84
220	91	1.4	6.4	1840	F202_6.4 S3 M3LA4	87	F202_6.4 P100 BN100LA4	88
250	80	1.8	11.2	1780	F202_11.2 S3 M3SA2	87	F202_11.2 P90 BN90L2	88
288	69	1.1	9.8	1410	F102_9.8 S3 M3SA2	83	F102_9.8 P90 BN90L2	84
322	62	2.0	8.7	1670	F202_8.7 S3 M3SA2	87	F202_8.7 P90 BN90L2	88
380	53	1.2	7.4	1330	F102_7.4 S3 M3SA2	83	F102_7.4 P90 BN90L2	84



C.50

3 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
1.8	14300	1.0	773.4	55000	F904_773.4 S3 M3LB4	115	F904_773.4 P100 BN100LB4	116
2.0	13202	1.1	714.0	55000	F904_714.0 S3 M3LB4	115	F904_714.0 P100 BN100LB4	116
2.3	11568	1.2	625.6	55000	F904_625.6 S3 M3LB4	115	F904_625.6 P100 BN100LB4	116
2.4	10678	1.3	577.5	55000	F904_577.5 S3 M3LB4	115	F904_577.5 P100 BN100LB4	116
2.8	9164	1.5	495.6	55000	F904_495.6 S3 M3LB4	115	F904_495.6 P100 BN100LB4	116
2.9	9044	0.9	489.1	45000	F804_489.1 S3 M3LB4	111	F804_489.1 P100 BN100LB4	112
3.1	8459	1.7	457.5	55000	F904_457.5 S3 M3LB4	115	F904_457.5 P100 BN100LB4	116
3.1	8348	1.0	451.5	45000	F804_451.5 S3 M3LB4	111	F804_451.5 P100 BN100LB4	112
3.6	7248	1.9	392.0	55000	F904_392.0 S3 M3LB4	115	F904_392.0 P100 BN100LB4	116
3.7	7086	1.1	383.2	45000	F804_383.2 S3 M3LB4	111	F804_383.2 P100 BN100LB4	112
3.9	6690	2.1	361.8	55000	F904_361.8 S3 M3LB4	115	F904_361.8 P100 BN100LB4	116
4.0	6540	1.2	353.7	45000	F804_353.7 S3 M3LB4	111	F804_353.7 P100 BN100LB4	112
4.6	5627	0.9	304.3	35000	F704_304.3 S3 M3LB4	107	F704_304.3 P100 BN100LB4	108
4.8	5486	1.5	296.7	45000	F804_296.7 S3 M3LB4	111	F804_296.7 P100 BN100LB4	112
4.8	5383	2.6	291.1	55000	F904_291.1 S3 M3LB4	115	F904_291.1 P100 BN100LB4	116
5.0	5194	1.0	280.9	35000	F704_280.9 S3 M3LB4	107	F704_280.9 P100 BN100LB4	108
5.1	5065	1.6	273.9	45000	F804_273.9 S3 M3LB4	111	F804_273.9 P100 BN100LB4	112
6.0	4338	1.2	234.6	35000	F704_234.6 S3 M3LB4	107	F704_234.6 P100 BN100LB4	108
6.1	4279	3.3	231.4	55000	F904_231.4 S3 M3LB4	115	F904_231.4 P100 BN100LB4	116
6.1	4361	1.1	153.8	35000	F703_153.8 S4 M4SA6	103	F703_153.8 P132 BN132S6	108
6.5	4040	2.0	218.5	45000	F804_218.5 S3 M3LB4	111	F804_218.5 P100 BN100LB4	112
6.5	4003	1.2	216.5	35000	F704_216.5 S3 M3LB4	107	F704_216.5 P100 BN100LB4	108
7.1	3779	2.1	200.0	45000	F803_200.0 P100 BN100LB4	112	F803_200.0 P100 BN100LB4	112
7.2	3704	1.3	196.0	35000	F703_196.0 S3 M3LB4	103	F703_196.0 P100 BN100LB4	108
7.6	3489	2.3	184.6	45000	F803_184.6 P100 BN100LB4	112	F803_184.6 P100 BN100LB4	112
7.8	3419	1.5	180.9	35000	F703_180.9 S3 M3LB4	103	F703_180.9 P100 BN100LB4	108
8.5	3149	1.6	166.7	35000	F703_166.7 S3 M3LB4	103	F703_166.7 P100 BN100LB4	108
8.7	3078	0.9	162.9	20000	F603_162.9 S3 M3LB4	103	F603_162.9 P100 BN100LB4	104
8.8	3028	2.6	160.2	45000	F803_160.2 P100 BN100LB4	112	F803_160.2 P100 BN100LB4	112
9.2	2907	1.7	153.8	35000	F703_153.8 S3 M3LB4	103	F703_153.8 P100 BN100LB4	108
9.4	2841	1.0	150.4	20000	F603_150.4 S3 M3LB4	103	F603_150.4 P100 BN100LB4	104
9.5	2795	2.9	147.9	45000	F803_147.9 P100 BN100LB4	112	F803_147.9 P100 BN100LB4	112
10.6	2512	2.0	133.0	35000	F703_133.0 S3 M3LB4	103	F703_133.0 P100 BN100LB4	108
10.6	2507	3.2	132.7	45000	F803_132.7 P100 BN100LB4	112	F803_132.7 P100 BN100LB4	112
10.8	2466	1.2	130.5	20000	F603_130.5 S3 M3LB4	103	F603_130.5 P100 BN100LB4	104
11.5	2319	2.2	122.7	35000	F703_122.7 S3 M3LB4	103	F703_122.7 P100 BN100LB4	108
11.5	2315	3.5	122.5	45000	F803_122.5 P100 BN100LB4	112	F803_122.5 P100 BN100LB4	112
11.7	2276	1.3	120.5	20000	F603_120.5 S3 M3LB4	103	F603_120.5 P100 BN100LB4	104
12.9	2071	2.4	109.6	35000	F703_109.6 S3 M3LB4	103	F703_109.6 P100 BN100LB4	108
13.3	2010	1.4	106.4	20000	F603_106.4 S3 M3LB4	103	F603_106.4 P100 BN100LB4	104
13.9	1912	2.6	101.2	35000	F703_101.2 S3 M3LB4	103	F703_101.2 P100 BN100LB4	108
14.4	1856	1.6	98.2	20000	F603_98.2 S3 M3LB4	103	F603_98.2 P100 BN100LB4	104
16.5	1613	3.1	85.4	35000	F703_85.4 S3 M3LB4	103	F703_85.4 P100 BN100LB4	108
16.8	1588	1.8	84.0	20000	F603_84.0 S3 M3LB4	103	F603_84.0 P100 BN100LB4	104
16.9	1573	1.0	83.2	12000	F503_83.2 S3 M3LB4	99	F503_83.2 P100 BN100LB4	100
20.7	1290	2.2	68.3	20000	F603_68.3 S3 M3LB4	103	F603_68.3 P100 BN100LB4	104
21.4	1244	1.2	65.8	12000	F503_65.8 S3 M3LB4	99	F503_65.8 P100 BN100LB4	100
22.4	1191	2.4	63.0	20000	F603_63.0 S3 M3LB4	103	F603_63.0 P100 BN100LB4	104
27.2	979	3.0	51.8	20000	F603_51.8 S3 M3LB4	103	F603_51.8 P100 BN100LB4	104
28.8	924	1.5	48.9	12000	F503_48.9 S3 M3LB4	99	F503_48.9 P100 BN100LB4	100
36	734	1.6	38.9	11800	F503_38.9 S3 M3LB4	99	F503_38.9 P100 BN100LB4	100
37	717	1.0	37.9	8500	F403_37.9 S3 M3LB4	95	F403_37.9 P100 BN100LB4	96
46	592	1.5	30.7	11100	F502_30.7 S3 M3LB4	99	F502_30.7 P100 BN100LB4	100
47	578	1.1	29.9	8300	F402_29.9 S3 M3LB4	95	F402_29.9 P100 BN100LB4	96
59	464	2.2	24.0	10500	F502_24.0 S3 M3LB4	99	F502_24.0 P100 BN100LB4	100
59	460	1.5	23.8	7960	F402_23.8 S3 M3LB4	95	F402_23.8 P100 BN100LB4	96
72	376	1.0	19.5	5400	F302_19.5 S3 M3LB4	91	F302_19.5 P100 BN100LB4	92
72	375	2.7	19.5	9910	F502_19.5 S3 M3LB4	99	F502_19.5 P100 BN100LB4	100
75	363	1.9	18.8	7570	F402_18.8 S3 M3LB4	95	F402_18.8 P100 BN100LB4	96
82	333	1.1	35.0	5300	F302_35.0 S3 M3LA2	91	F302_35.0 P100 BN100L2	92
92	297	3.4	15.4	9300	F502_15.4 S3 M3LB4	99	F502_15.4 P100 BN100LB4	100
93	292	1.3	15.1	5180	F302_15.1 S3 M3LB4	91	F302_15.1 P100 BN100LB4	92
94	291	2.4	15.1	7190	F402_15.1 S3 M3LB4	95	F402_15.1 P100 BN100LB4	96
118	231	1.6	12.0	4940	F302_12.0 S3 M3LB4	91	F302_12.0 P100 BN100LB4	92
120	228	3.1	11.8	6770	F402_11.8 S3 M3LB4	95	F402_11.8 P100 BN100LB4	96
142	192	0.9	20.2	1890	F202_20.2 S3 M3LA2	87	F202_20.2 P100 BN100L2	88
147	185	2.1	19.5	4710	F302_19.5 S3 M3LA2	91	F302_19.5 P100 BN100L2	92



C.51

4 kW

2.2	15645	0.9	625.6	55000	F904_625.6 S3 M3LC4	115	F904_625.6 P112 BN112M4	116
2.4	14442	1.0	577.5	55000	F904_577.5 S3 M3LC4	115	F904_577.5 P112 BN112M4	116
2.8	12394	1.1	495.6	55000	F904_495.6 S3 M3LC4	115	F904_495.6 P112 BN112M4	116
3.0	11441	1.2	457.5	55000	F904_457.5 S3 M3LC4	115	F904_457.5 P112 BN112M4	116
3.5	9803	1.4	392.0	55000	F904_392.0 S3 M3LC4	115	F904_392.0 P112 BN112M4	116
3.8	9048	1.5	361.8	55000	F904_361.8 S3 M3LC4	115	F904_361.8 P112 BN112M4	116
3.9	8846	0.9	353.7	45000	F804_353.7 S3 M3LC4	111	F804_353.7 P112 BN112M4	112
4.7	7420	1.1	296.7	45000	F804_296.7 S3 M3LC4	111	F804_296.7 P112 BN112M4	112
4.8	7280	1.9	291.1	55000	F904_291.1 S3 M3LC4	115	F904_291.1 P112 BN112M4	116
5.1	6850	1.2	273.9	45000	F804_273.9 S3 M3LC4	111	F804_273.9 P112 BN112M4	112
5.2	6720	2.1	268.7	55000	F904_268.7 S3 M3LC4	115	F904_268.7 P112 BN112M4	116
5.9	5867	0.9	234.6	35000	F704_234.6 S3 M3LC4	107	F704_234.6 P112 BN112M4	108
6.0	5787	2.4	231.4	55000	F904_231.4 S3 M3LC4	115	F904_231.4 P112 BN112M4	116
6.4	5464	1.5	218.5	45000	F804_218.5 S3 M3LC4	111	F804_218.5 P112 BN112M4	112
6.4	5414	0.9	216.5	35000	F704_216.5 S3 M3LC4	107	F704_216.5 P112 BN112M4	108
6.5	5342	2.6	213.6	55000	F904_213.6 S3 M3LC4	115	F904_213.6 P112 BN112M4	116
7.0	5112	1.6	200.0	45000	F803_200.0 P112 BN112M4		F803_200.0 P112 BN112M4	112
7.1	5010	1.0	196.0	35000	F703_196.0 S3 M3LC4	103	F703_196.0 P112 BN112M4	108
7.2	4962	2.8	194.2	55000	F903_194.2 P112 BN112M4		F903_194.2 P112 BN112M4	116
7.5	4718	1.7	184.6	45000	F803_184.6 P112 BN112M4		F803_184.6 P112 BN112M4	112
7.7	4625	1.1	180.9	35000	F703_180.9 S3 M3LC4	103	F703_180.9 P112 BN112M4	108
7.8	4581	3.1	179.2	55000	F903_179.2 P112 BN112M4		F903_179.2 P112 BN112M4	116
8.3	4260	1.2	166.7	35000	F703_166.7 S3 M3LC4	103	F703_166.7 P112 BN112M4	108
8.5	4162	3.4	162.8	55000	F903_162.8 P112 BN112M4		F903_162.8 P112 BN112M4	116
8.7	4095	2.0	160.2	45000	F803_160.2 P112 BN112M4		F803_160.2 P112 BN112M4	112
9.0	3932	1.3	153.8	35000	F703_153.8 S3 M3LC4	103	F703_153.8 P112 BN112M4	108
9.4	3780	2.1	147.9	45000	F803_147.9 P112 BN112M4		F803_147.9 P112 BN112M4	112
10.5	3398	1.5	133.0	35000	F703_133.0 S3 M3LC4	103	F703_133.0 P112 BN112M4	108
10.5	3391	2.4	132.7	45000	F803_132.7 P112 BN112M4		F803_132.7 P112 BN112M4	112
11.3	3137	1.6	122.7	35000	F703_122.7 S3 M3LC4	103	F703_122.7 P112 BN112M4	108
11.3	3131	2.6	122.5	45000	F803_122.5 P112 BN112M4		F803_122.5 P112 BN112M4	112
11.5	3079	0.9	120.5	20000	F603_120.5 S3 M3LC4	103	F603_120.5 P112 BN112M4	104
12.2	2907	2.8	113.8	45000	F803_113.8 P112 BN112M4		F803_113.8 P112 BN112M4	112
12.7	2802	1.8	109.6	35000	F703_109.6 S3 M3LC4	103	F703_109.6 P112 BN112M4	108
13.1	2719	1.1	106.4	20000	F603_106.4 S3 M3LC4	103	F603_106.4 P112 BN112M4	104
13.2	2684	3.0	105.0	45000	F803_105.0 P112 BN112M4		F803_105.0 P112 BN112M4	112
13.7	2586	1.9	101.2	35000	F703_101.2 S3 M3LC4	103	F703_101.2 P112 BN112M4	108
14.2	2510	1.2	98.2	20000	F603_98.2 S3 M3LC4	103	F603_98.2 P112 BN112M4	104
15.0	2364	2.1	92.5	35000	F703_92.5 S3 M3LC4	103	F703_92.5 P112 BN112M4	108
16.3	2182	2.3	85.4	35000	F703_85.4 S3 M3LC4	103	F703_85.4 P112 BN112M4	108
16.5	2147	1.4	84.0	20000	F603_84.0 S3 M3LC4	103	F603_84.0 P112 BN112M4	104
17.9	1982	1.5	77.6	20000	F603_77.6 S3 M3LC4	103	F603_77.6 P112 BN112M4	104
20.4	1745	1.7	68.3	20000	F603_68.3 S3 M3LC4	103	F603_68.3 P112 BN112M4	104
22.1	1611	1.8	63.0	20000	F603_63.0 S3 M3LC4	103	F603_63.0 P112 BN112M4	104
26.8	1325	2.2	51.8	20000	F603_51.8 S3 M3LC4	103	F603_51.8 P112 BN112M4	104
28.4	1250	1.1	48.9	11500	F503_48.9 S3 M3LC4	99	F503_48.9 P112 BN112M4	100
29.1	1223	2.4	47.8	20000	F603_47.8 S3 M3LC4	103	F603_47.8 P112 BN112M4	104
36	993	1.2	38.9	11100	F503_38.9 S3 M3LC4	99	F503_38.9 P112 BN112M4	100
36	993	2.9	38.8	20000	F603_38.8 S3 M3LC4	103	F603_38.8 P112 BN112M4	104
43	823	1.0	66.5	7740	F403_66.5 S3 M3LB2	95	F403_66.5 P112 BN112M2	96
45	800	1.1	30.7	10600	F502_30.7 S3 M3LC4	99	F502_30.7 P112 BN112M4	100
55	650	2.9	25.4	20000	F603_25.4 S3 M3LC4	103	F603_25.4 P112 BN112M4	104
58	628	1.6	24.0	10100	F502_24.0 S3 M3LC4	99	F502_24.0 P112 BN112M4	100
58	623	1.1	23.8	7430	F402_23.8 S3 M3LC4	95	F402_23.8 P112 BN112M4	96
59	600	3.2	23.5	20000	F603_23.5 S3 M3LC4	103	F603_23.5 P112 BN112M4	104



C.52

4 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
71	508	2.0	19.5	9600	F502_19.5 S3 M3LC4	99	F502_19.5 P112 BN112M4	100
74	491	1.4	18.8	7160	F402_18.8 S3 M3LC4	95	F402_18.8 P112 BN112M4	96
90	402	2.5	15.4	9070	F502_15.4 S3 M3LC4	99	F502_15.4 P112 BN112M4	100
92	395	1.0	15.1	4790	F302_15.1 S3 M3LC4	91	F302_15.1 P112 BN112M4	92
92	393	1.8	15.1	6870	F402_15.1 S3 M3LC4	95	F402_15.1 P112 BN112M4	96
114	318	3.1	12.2	8530	F502_12.2 S3 M3LC4	99	F502_12.2 P112 BN112M4	100
116	312	1.2	12.0	4640	F302_12.0 S3 M3LC4	91	F302_12.0 P112 BN112M4	92
118	308	2.3	11.8	6520	F402_11.8 S3 M3LC4	95	F402_11.8 P112 BN112M4	96
152	239	2.9	9.1	6150	F402_9.1 S3 M3LC4	95	F402_9.1 P112 BN112M4	96
154	235	1.6	9.0	4420	F302_9.0 S3 M3LC4	91	F302_9.0 P112 BN112M4	92
200	181	2.1	6.9	4200	F302_6.9 S3 M3LC4	91	F302_6.9 P112 BN112M4	92
207	176	3.4	6.7	5690	F402_6.7 S3 M3LC4	95	F402_6.7 P112 BN112M4	96
240	151	2.5	12.0	4030	F302_12.0 S3 M3LB2	91	F302_12.0 P112 BN112M2	92
255	142	1.0	11.2	1570	F202_11.2 S3 M3LB2	87	F202_11.2 P112 BN112M2	88
318	114	3.3	9.0	3760	F302_9.0 S3 M3LB2	91	F302_9.0 P112 BN112M2	92
329	110	1.1	8.7	1510	F202_8.7 S3 M3LB2	87	F202_8.7 P112 BN112M2	88
413	88	4.0	6.9	3510	F302_6.9 S3 M3LB2	91	F302_6.9 P112 BN112M2	92
448	81	1.3	6.4	1420	F202_6.4 S3 M3LB2	87	F202_6.4 P112 BN112M2	88

5.5 kW

2.9	16450	0.9	495.6	55000	F904_495.6 S4 M4SA4	115	F904_495.6 P132 BN132S4	116
3.1	15186	0.9	457.5	55000	F904_457.5 S4 M4SA4	115	F904_457.5 P132 BN132S4	116
3.7	13012	1.1	392.0	55000	F904_392.0 S4 M4SA4	115	F904_392.0 P132 BN132S4	116
4.0	12009	1.2	361.8	55000	F904_361.8 S4 M4SA4	115	F904_361.8 P132 BN132S4	116
4.9	9662	1.4	291.1	55000	F904_291.1 S4 M4SA4	115	F904_291.1 P132 BN132S4	116
5.3	9092	0.9	273.9	45000	F804_273.9 S4 M4SA4	111	F804_273.9 P132 BN132S4	112
5.4	8919	1.6	268.7	55000	F904_268.7 S4 M4SA4	115	F904_268.7 P132 BN132S4	116
6.2	7681	1.8	231.4	55000	F904_231.4 S4 M4SA4	115	F904_231.4 P132 BN132S4	116
6.6	7253	1.1	218.5	45000	F804_218.5 S4 M4SA4	111	F804_218.5 P132 BN132S4	112
6.7	7090	2.0	213.6	55000	F904_213.6 S4 M4SA4	115	F904_213.6 P132 BN132S4	116
7.2	6784	1.2	200.0	45000	F803_200.0 S4 M4SA4	111	F803_200.0 P132 BN132S4	112
7.4	6586	2.1	194.2	55000	F903_194.2 S4 M4SA4	115	F903_194.2 P132 BN132S4	116
7.8	6263	1.3	184.6	45000	F803_184.6 S4 M4SA4	111	F803_184.6 P132 BN132S4	112
8.0	6080	2.3	179.2	55000	F903_179.2 S4 M4SA4	115	F903_179.2 P132 BN132S4	116
8.8	5524	2.5	162.8	55000	F903_162.8 S4 M4SA4	115	F903_162.8 P132 BN132S4	116
9.0	5435	1.5	160.2	45000	F803_160.2 S4 M4SA4	111	F803_160.2 P132 BN132S4	112
9.4	5219	1.0	153.8	35000	F703_153.8 S4 M4SA4	103	F703_153.8 P132 BN132S4	108
9.6	5099	2.7	150.3	55000	F903_150.3 S4 M4SA4	115	F903_150.3 P132 BN132S4	116
9.7	5017	1.6	147.9	45000	F803_147.9 S4 M4SA4	111	F803_147.9 P132 BN132S4	112
10.5	4659	3.0	137.3	55000	F903_137.3 S4 M4SA4	115	F903_137.3 P132 BN132S4	116
10.8	4510	1.1	133.0	35000	F703_133.0 S4 M4SA4	103	F703_133.0 P132 BN132S4	108
10.9	4501	1.8	132.7	45000	F803_132.7 S4 M4SA4	111	F803_132.7 P132 BN132S4	112
11.4	4301	3.3	126.8	55000	F903_126.8 S4 M4SA4	115	F903_126.8 P132 BN132S4	116
11.7	4163	1.2	122.7	35000	F703_122.7 S4 M4SA4	103	F703_122.7 P132 BN132S4	108
11.8	4155	1.9	122.5	45000	F803_122.5 S4 M4SA4	111	F803_122.5 P132 BN132S4	112
12.7	3859	2.1	113.8	45000	F803_113.8 S4 M4SA4	111	F803_113.8 P132 BN132S4	112
13.1	3718	1.3	109.6	35000	F703_109.6 S4 M4SA4	103	F703_109.6 P132 BN132S4	108
13.7	3562	2.2	105.0	45000	F803_105.0 S4 M4SA4	111	F803_105.0 P132 BN132S4	112
14.2	3432	1.5	101.2	35000	F703_101.2 S4 M4SA4	103	F703_101.2 P132 BN132S4	108
15.6	3138	1.6	92.5	35000	F703_92.5 S4 M4SA4	103	F703_92.5 P132 BN132S4	108
15.6	3131	2.6	92.3	45000	F803_92.3 S4 M4SA4	111	F803_92.3 P132 BN132S4	112
16.9	2896	1.7	85.4	35000	F703_85.4 S4 M4SA4	103	F703_85.4 P132 BN132S4	108
16.9	2890	2.8	85.2	45000	F803_85.2 S4 M4SA4	111	F803_85.2 P132 BN132S4	112
17.1	2850	1.0	84.0	20000	F603_84.0 S4 M4SA4	103	F603_84.0 P132 BN132S4	104
18.6	2631	1.1	77.6	20000	F603_77.6 S4 M4SA4	103	F603_77.6 P132 BN132S4	104
18.9	2587	3.1	76.3	45000	F803_76.3 S4 M4SA4	111	F803_76.3 P132 BN132S4	112
19.6	2495	2.0	73.6	35000	F703_73.6 S4 M4SA4	103	F703_73.6 P132 BN132S4	108
20.5	2388	3.4	70.4	45000	F803_70.4 S4 M4SA4	111	F803_70.4 P132 BN132S4	112
21.1	2316	1.3	68.3	20000	F603_68.3 S4 M4SA4	103	F603_68.3 P132 BN132S4	104
21.2	2303	2.2	67.9	35000	F703_67.9 S4 M4SA4	103	F703_67.9 P132 BN132S4	108
22.8	2138	1.4	63.0	20000	F603_63.0 S4 M4SA4	103	F603_63.0 P132 BN132S4	104
23.0	2120	2.4	62.5	35000	F703_62.5 S4 M4SA4	103	F703_62.5 P132 BN132S4	108
25.0	1957	2.6	57.7	35000	F703_57.7 S4 M4SA4	103	F703_57.7 P132 BN132S4	108
27.8	1758	1.8	51.8	20000	F603_51.8 S4 M4SA4	103	F603_51.8 P132 BN132S4	104
29.4	1661	3.0	49.0	35000	F703_49.0 S4 M4SA4	103	F703_49.0 P132 BN132S4	108



C.53

5.5 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
30	1623	1.8	47.8	20000	F603_47.8 S4 M4SA4	103	F603_47.8 P132 BN132S4	104
32	1533	3.3	45.2	34300	F703_45.2 S4 M4SA4	103	F703_45.2 P132 BN132S4	108
34	1428	2.0	42.1	20000	F603_42.1 S4 M4SA4	103	F603_42.1 P132 BN132S4	104
37	1318	0.9	38.9	10100	F503_38.9 S4 M4SA4	99	F503_38.9 P132 BN132S4	100
37	1318	2.2	38.8	20000	F603_38.8 S4 M4SA4	103	F603_38.8 P132 BN132S4	104
45	1088	2.7	32.1	20000	F603_32.1 S4 M4SA4	103	F603_32.1 P132 BN132S4	104
46	1068	1.8	20.7	20000	F603_20.7 S4 M4LB6	103	F603_20.7 P132 BN132MB6	104
49	1005	2.9	29.6	20000	F603_29.6 S4 M4SA4	103	F603_29.6 P132 BN132S4	104
57	862	2.2	25.4	20000	F603_25.4 S4 M4SA4	103	F603_25.4 P132 BN132S4	104
60	833	1.2	24.0	9400	F502_24.0 S4 M4SA4	99	F502_24.0 P132 BN132S4	100
61	796	2.4	23.5	20000	F603_23.5 S4 M4SA4	103	F603_23.5 P132 BN132S4	104
70	701	2.7	20.7	20000	F603_20.7 S4 M4SA4	103	F603_20.7 P132 BN132S4	104
74	674	1.5	19.5	9020	F502_19.5 S4 M4SA4	99	F502_19.5 P132 BN132S4	100
76	647	2.9	19.1	20000	F603_19.1 S4 M4SA4	103	F603_19.1 P132 BN132S4	104
77	652	1.1	18.8	6500	F402_18.8 S4 M4SA4	95	F402_18.8 P132 BN132S4	96
93	534	1.4	15.4	8590	F502_15.4 S4 M4SA4	99	F502_15.4 P132 BN132S4	100
96	522	1.3	15.1	6320	F402_15.1 S4 M4SA4	95	F402_15.1 P132 BN132S4	96
103	482	1.5	9.1	6250	F402_9.1 S4 M4LB6	95	F402_9.1 P132 BN132MB6	96
118	422	2.4	12.2	8140	F502_12.2 S4 M4SA4	99	F502_12.2 P132 BN132S4	100
122	409	1.7	11.8	6080	F402_11.8 S4 M4SA4	95	F402_11.8 P132 BN132S4	96
140	355	1.7	6.7	5930	F402_6.7 S4 M4LB6	95	F402_6.7 P132 BN132MB6	96
158	317	2.2	9.1	5790	F402_9.1 S4 M4SA4	95	F402_9.1 P132 BN132S4	96
159	314	3.2	9.1	7560	F502_9.1 S4 M4SA4	99	F502_9.1 P132 BN132S4	100
192	260	2.7	15.1	5550	F402_15.1 S4 M4SA2	95	F402_15.1 P132 BN132SA2	96
214	233	2.6	6.7	5420	F402_6.7 S4 M4SA4	95	F402_6.7 P132 BN132S4	96
245	204	3.2	11.8	5240	F402_11.8 S4 M4SA2	95	F402_11.8 P132 BN132SA2	96
316	158	3.6	9.1	4920	F402_9.1 S4 M4SA2	95	F402_9.1 P132 BN132SA2	96
431	116	4.1	6.7	4530	F402_6.7 S4 M4SA2	95	F402_6.7 P132 BN132SA2	96

7.5 kW

4.0	16376	0.9	361.8	55000	F904_361.8 S4 M4LA4	115	F904_361.8 P132 BN132MA4	116
4.9	13176	1.1	291.1	55000	F904_291.1 S4 M4LA4	115	F904_291.1 P132 BN132MA4	116
5.4	12162	1.2	268.7	55000	F904_268.7 S4 M4LA4	115	F904_268.7 P132 BN132MA4	116
6.2	10474	1.3	231.4	55000	F904_231.4 S4 M4LA4	115	F904_231.4 P132 BN132MA4	116
6.7	9668	1.4	213.6	55000	F904_213.6 S4 M4LA4	115	F904_213.6 P132 BN132MA4	116
7.4	8981	1.6	194.2	55000	F903_194.2 S4 M4LA4	115	F903_194.2 P132 BN132MA4	116
7.8	8540	0.9	184.6	45000	F803_184.6 S4 M4LA4	111	F803_184.6 P132 BN132MA4	112
8.0	8290	1.7	179.2	55000	F903_179.2 S4 M4LA4	115	F903_179.2 P132 BN132MA4	116
8.8	7532	1.9	162.8	55000	F903_162.8 S4 M4LA4	115	F903_162.8 P132 BN132MA4	116
9.0	7412	1.1	160.2	45000	F803_160.2 S4 M4LA4	111	F803_160.2 P132 BN132MA4	112
9.6	6953	2.0	150.3	55000	F903_150.3 S4 M4LA4	115	F903_150.3 P132 BN132MA4	116
9.7	6842	1.2	147.9	45000	F803_147.9 S4 M4LA4	111	F803_147.9 P132 BN132MA4	112
10.5	6353	2.2	137.3	55000	F903_137.3 S4 M4LA4	115	F903_137.3 P132 BN132MA4	116
10.9	6138	1.3	132.7	45000	F803_132.7 S4 M4LA4	111	F803_132.7 P132 BN132MA4	112
11.4	5864	2.4	126.8	55000	F903_126.8 S4 M4LA4	115	F903_126.8 P132 BN132MA4	116
11.8	5666	1.4	122.5	45000	F803_122.5 S4 M4LA4	111	F803_122.5 P132 BN132MA4	112
12.7	5262	1.5	113.8	45000	F803_113.8 S4 M4LA4	111	F803_113.8 P132 BN132MA4	112
12.9	5178	2.7	111.9	55000	F903_111.9 S4 M4LA4	115	F903_111.9 P132 BN132MA4	116
13.1	5071	1.0	109.6	35000	F703_109.6 S4 M4LA4	103	F703_109.6 P132 BN132MA4	108
13.7	4857	1.6	105.0	45000	F803_105.0 S4 M4LA4	111	F803_105.0 P132 BN132MA4	112
13.9	4780	2.9	103.3	55000	F903_103.3 S4 M4LA4	115	F903_103.3 P132 BN132MA4	116
14.2	4681	1.1	101.2	35000	F703_101.2 S4 M4LA4	103	F703_101.2 P132 BN132MA4	108
15.0	4430	3.2	95.8	55000	F903_95.8 S4 M4LA4	115	F903_95.8 P132 BN132MA4	116
15.6	4279	1.2	92.5	35000	F703_92.5 S4 M4LA4	103	F703_92.5 P132 BN132MA4	108
15.6	4270	1.9	92.3	45000	F803_92.3 S4 M4LA4	111	F803_92.3 P132 BN132MA4	112
16.3	4089	3.4	88.4	55000	F903_88.4 S4 M4LA4	115	F903_88.4 P132 BN132MA4	116
16.9	3950	1.3	85.4	35000	F703_85.4 S4 M4LA4	103	F703_85.4 P132 BN132MA4	108
16.9	3941	2.0	85.2	45000	F803_85.2 S4 M4LA4	111	F803_85.2 P132 BN132MA4	112
18.9	3527	2.3	76.3	45000	F803_76.3 S4 M4LA4	111	F803_76.3 P132 BN132MA4	112
19.6	3403	1.5	73.6	35000	F703_73.6 S4 M4LA4	103	F703_73.6 P132 BN132MA4	108
20.5	3256	2.5	70.4	44700	F803_70.4 S4 M4LA4	111	F803_70.4 P132 BN132MA4	112
21.1	3158	0.9	68.3	20000	F603_68.3 S4 M4LA4	103	F603_68.3 P132 BN132MA4	104
21.2	3141	1.6	67.9	35000	F703_67.9 S4 M4LA4	103	F703_67.9 P132 BN132MA4	108
23.0	2891	1.7	62.5	35000	F703_62.5 S4 M4LA4	103	F703_62.5 P132 BN132MA4	108



C.54

7.5 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
23.4	2843	2.8	61.5	43500	F803_61.5 S4 M4LA4	111	F803_61.5 P132 BN132MA4	112
25.0	2669	1.9	57.7	34900	F703_57.7 S4 M4LA4	103	F703_57.7 P132 BN132MA4	108
25.4	2624	3.0	56.7	42600	F803_56.7 S4 M4LA4	111	F803_56.7 P132 BN132MA4	112
27.8	2397	1.2	51.8	20000	F603_51.8 S4 M4LA4	103	F603_51.8 P132 BN132MA4	104
29.4	2265	2.2	49.0	33800	F703_49.0 S4 M4LA4	103	F703_49.0 P132 BN132MA4	108
30	2213	1.3	47.8	20000	F603_47.8 S4 M4LA4	103	F603_47.8 P132 BN132MA4	104
32	2090	2.4	45.2	33200	F703_45.2 S4 M4LA4	103	F703_45.2 P132 BN132MA4	108
34	1947	1.5	42.1	20000	F603_42.1 S4 M4LA4	103	F603_42.1 P132 BN132MA4	104
37	1797	1.6	38.8	20000	F603_38.8 S4 M4LA4	103	F603_38.8 P132 BN132MA4	104
45	1484	2.0	32.1	20000	F603_32.1 S4 M4LA4	103	F603_32.1 P132 BN132MA4	104
49	1370	2.1	29.6	20000	F603_29.6 S4 M4LA4	103	F603_29.6 P132 BN132MA4	104
57	1176	1.6	25.4	20000	F603_25.4 S4 M4LA4	103	F603_25.4 P132 BN132MA4	104
59	1136	3.5	24.6	28800	F703_24.6 S4 M4LA4	103	F703_24.6 P132 BN132MA4	108
61	1085	1.8	23.5	20000	F603_23.5 S4 M4LA4	103	F603_23.5 P132 BN132MA4	104
70	956	2.0	20.7	20000	F603_20.7 S4 M4LA4	103	F603_20.7 P132 BN132MA4	104
76	882	1.7	19.1	20000	F603_19.1 S4 M4LA4	103	F603_19.1 P132 BN132MA4	104
92	725	2.6	15.7	20000	F603_15.7 S4 M4LA4	103	F603_15.7 P132 BN132MA4	104
93	728	1.4	15.4	8060	F502_15.4 S4 M4LA4	99	F502_15.4 P132 BN132MA4	100
96	712	1.0	15.1	5660	F402_15.1 S4 M4LA4	95	F402_15.1 P132 BN132MA4	96
99	670	2.8	14.5	20000	F603_14.5 S4 M4LA4	103	F603_14.5 P132 BN132MA4	104
113	589	3.2	12.7	19900	F603_12.7 S4 M4LA4	103	F603_12.7 P132 BN132MA4	104
118	576	1.7	12.2	7720	F502_12.2 S4 M4LA4	99	F502_12.2 P132 BN132MA4	100
122	557	1.3	11.8	5560	F402_11.8 S4 M4LA4	95	F402_11.8 P132 BN132MA4	96
123	544	3.5	11.8	19500	F603_11.8 S4 M4LA4	103	F603_11.8 P132 BN132MA4	104
158	432	1.6	9.1	5390	F402_9.1 S4 M4LA4	95	F402_9.1 P132 BN132MA4	96
159	428	2.3	9.1	7240	F502_9.1 S4 M4LA4	99	F502_9.1 P132 BN132MA4	100
200	340	2.8	7.2	6860	F502_7.2 S4 M4LA4	99	F502_7.2 P132 BN132MA4	100
214	318	1.5	6.7	5120	F402_6.7 S4 M4LA4	95	F402_6.7 P132 BN132MA4	96
246	277	2.4	11.8	4980	F402_11.8 S4 M4SB2	95	F402_11.8 P132 BN132SB2	96
317	214	2.7	9.1	4710	F402_9.1 S4 M4SB2	95	F402_9.1 P132 BN132SB2	96
431	158	3.1	6.7	4380	F402_6.7 S4 M4SB2	95	F402_6.7 P132 BN132SB2	96

9.2 kW

4.9	16163	0.9	291.1	55000	F904_291.1 S4 M4LB4	115	F904_291.1 P132 BN132MB4	116
5.4	14919	0.9	268.7	55000	F904_268.7 S4 M4LB4	115	F904_268.7 P132 BN132MB4	116
6.2	12848	1.1	231.4	55000	F904_231.4 S4 M4LB4	115	F904_231.4 P132 BN132MB4	116
6.7	11860	1.2	213.6	55000	F904_213.6 S4 M4LB4	115	F904_213.6 P132 BN132MB4	116
7.4	11017	1.3	194.2	55000	F903_194.2 S4 M4LB4	115	F903_194.2 P132 BN132MB4	116
8.0	10169	1.4	179.2	55000	F903_179.2 S4 M4LB4	115	F903_179.2 P132 BN132MB4	116
8.8	9239	1.5	162.8	55000	F903_162.8 S4 M4LB4	115	F903_162.8 P132 BN132MB4	116
9.6	8529	1.6	150.3	55000	F903_150.3 S4 M4LB4	115	F903_150.3 P132 BN132MB4	116
9.7	8392	1.0	147.9	45000	F803_147.9 S4 M4LB4	111	F803_147.9 P132 BN132MB4	112
10.5	7793	1.8	137.3	55000	F903_137.3 S4 M4LB4	115	F903_137.3 P132 BN132MB4	116
10.9	7529	1.1	132.7	45000	F803_132.7 S4 M4LB4	111	F803_132.7 P132 BN132MB4	112
11.4	7194	1.9	126.8	55000	F903_126.8 S4 M4LB4	115	F903_126.8 P132 BN132MB4	116
11.8	6950	1.2	122.5	45000	F803_122.5 S4 M4LB4	111	F803_122.5 P132 BN132MB4	112
12.7	6455	1.2	113.8	45000	F803_113.8 S4 M4LB4	111	F803_113.8 P132 BN132MB4	112
12.9	6352	2.2	111.9	55000	F903_111.9 S4 M4LB4	115	F903_111.9 P132 BN132MB4	116
13.7	5958	1.3	105.0	45000	F803_105.0 S4 M4LB4	111	F803_105.0 P132 BN132MB4	112
13.9	5864	2.4	103.3	55000	F903_103.3 S4 M4LB4	115	F903_103.3 P132 BN132MB4	116
15.0	5434	2.6	95.8	55000	F903_95.8 S4 M4LB4	115	F903_95.8 P132 BN132MB4	116
15.6	5249	1.0	92.5	35000	F703_92.5 S4 M4LB4	103	F703_92.5 P132 BN132MB4	108
15.6	5238	1.5	92.3	45000	F803_92.3 S4 M4LB4	111	F803_92.3 P132 BN132MB4	112
16.3	5016	2.8	88.4	55000	F903_88.4 S4 M4LB4	115	F903_88.4 P132 BN132MB4	116
16.9	4845	1.0	85.4	35000	F703_85.4 S4 M4LB4	103	F703_85.4 P132 BN132MB4	108
16.9	4835	1.7	85.2	45000	F803_85.2 S4 M4LB4	111	F803_85.2 P132 BN132MB4	112
19.6	4174	1.2	73.6	35000	F703_73.6 S4 M4LB4	103	F703_73.6 P132 BN132MB4	108
20.4	4015	3.5	70.8	55000	F903_70.8 S4 M4LB4	115	F903_70.8 P132 BN132MB4	116
20.5	3994	2.0	70.4	43700	F803_70.4 S4 M4LB4	111	F803_70.4 P132 BN132MB4	112
21.2	3853	1.3	67.9	34600	F703_67.9 S4 M4LB4	103	F703_67.9 P132 BN132MB4	108
23.0	3546	1.4	62.5	34200	F703_62.5 S4 M4LB4	103	F703_62.5 P132 BN132MB4	108
23.4	3487	2.3	61.5	42200	F803_61.5 S4 M4LB4	111	F803_61.5 P132 BN132MB4	112
25.0	3274	1.5	57.7	33700	F703_57.7 S4 M4LB4	103	F703_57.7 P132 BN132MB4	108



C.55

9.2 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
25.4	3219	2.5	56.7	41400	F803_56.7 S4 M4LB4	111	F803_56.7 P132 BN132MB4	112
27.8	2941	1.0	51.8	20000	F603_51.8 S4 M4LB4	103	F603_51.8 P132 BN132MB4	104
29.4	2778	1.8	49.0	32800	F703_49.0 S4 M4LB4	103	F703_49.0 P132 BN132MB4	108
30	2715	1.1	47.8	20000	F603_47.8 S4 M4LB4	103	F603_47.8 P132 BN132MB4	104
32	2564	1.9	45.2	32300	F703_45.2 S4 M4LB4	103	F703_45.2 P132 BN132MB4	108
34	2388	1.2	42.1	20000	F603_42.1 S4 M4LB4	103	F603_42.1 P132 BN132MB4	104
37	2204	1.3	38.8	20000	F603_38.8 S4 M4LB4	103	F603_38.8 P132 BN132MB4	104
45	1821	1.6	32.1	20000	F603_32.1 S4 M4LB4	103	F603_32.1 P132 BN132MB4	104
49	1680	1.7	29.6	20000	F603_29.6 S4 M4LB4	103	F603_29.6 P132 BN132MB4	104
57	1442	1.2	25.4	20000	F603_25.4 S4 M4LB4	103	F603_25.4 P132 BN132MB4	104
59	1393	2.9	24.6	28300	F703_24.6 S4 M4LB4	103	F703_24.6 P132 BN132MB4	108
61	1331	1.4	23.5	20000	F603_23.5 S4 M4LB4	103	F603_23.5 P132 BN132MB4	104
64	1283	3.4	22.6	27800	F703_22.6 S4 M4LB4	103	F703_22.6 P132 BN132MB4	108
69	1184	3.4	20.9	27200	F703_20.9 S4 M4LB4	103	F703_20.9 P132 BN132MB4	108
70	1172	1.6	20.7	20000	F603_20.7 S4 M4LB4	103	F603_20.7 P132 BN132MB4	104
76	1082	1.8	19.1	20000	F603_19.1 S4 M4LB4	103	F603_19.1 P132 BN132MB4	104
92	890	2.1	15.7	20000	F603_15.7 S4 M4LB4	103	F603_15.7 P132 BN132MB4	104
93	893	1.1	15.4	7600	F502_15.4 S4 M4LB4	99	F502_15.4 P132 BN132MB4	100
99	821	2.3	14.5	20000	F603_14.5 S4 M4LB4	103	F603_14.5 P132 BN132MB4	104
113	722	2.6	12.7	19700	F603_12.7 S4 M4LB4	103	F603_12.7 P132 BN132MB4	104
118	706	1.4	12.2	7360	F502_12.2 S4 M4LB4	99	F502_12.2 P132 BN132MB4	100
122	684	1.0	11.8	5120	F402_11.8 S4 M4LB4	95	F402_11.8 P132 BN132MB4	96
123	667	2.8	11.8	19300	F603_11.8 S4 M4LB4	103	F603_11.8 P132 BN132MB4	104
148	551	3.4	9.7	18400	F603_9.7 S4 M4LB4	103	F603_9.7 P132 BN132MB4	104
158	530	1.3	9.1	5050	F402_9.1 S4 M4LB4	95	F402_9.1 P132 BN132MB4	96
159	525	1.9	9.1	6980	F502_9.1 S4 M4LB4	99	F502_9.1 P132 BN132MB4	100
161	508	2.3	9.0	17900	F603_9.0 S4 M4LB4	103	F603_9.0 P132 BN132MB4	104
200	417	2.3	7.2	6650	F502_7.2 S4 M4LB4	99	F502_7.2 P132 BN132MB4	100
214	390	1.5	6.7	4870	F402_6.7 S4 M4LB4	95	F402_6.7 P132 BN132MB4	96
238	351	2.7	12.2	6400	F502_12.2 S4 M4LA2	99	F502_12.2 P132 BN132M2	100
246	340	1.9	11.8	4760	F402_11.8 S4 M4LA2	95	F402_11.8 P132 BN132M2	96
317	263	2.2	9.1	4540	F402_9.1 S4 M4LA2	95	F402_9.1 P132 BN132M2	96
320	261	3.3	9.1	5950	F502_9.1 S4 M4LA2	99	F502_9.1 P132 BN132M2	100
431	194	2.5	6.7	4260	F402_6.7 S4 M4LA2	95	F402_6.7 P132 BN132M2	96

11 kW

6.2	15362	0.9	231.4	55000	F904_231.4 S4 M4LC4	115	F904_231.4 P160 BN160MR	116
6.7	14180	1.0	213.6	55000	F904_213.6 S4 M4LC4	115	F904_213.6 P160 BN160MR	116
7.4	13172	1.1	194.2	55000	F903_194.2 S4 M4LC4	115	F903_194.2 P160 BN160M4	116
8.0	12159	1.2	179.2	55000	F903_179.2 S4 M4LC4	115	F903_179.2 P160 BN160M4	116
8.8	11047	1.3	162.8	55000	F903_162.8 S4 M4LC4	115	F903_162.8 P160 BN160M4	116
9.6	10197	1.4	150.3	55000	F903_150.3 S4 M4LC4	115	F903_150.3 P160 BN160M4	116
10.5	9318	1.5	137.3	55000	F903_137.3 S4 M4LC4	115	F903_137.3 P160 BN160M4	116
11.4	8601	1.6	126.8	55000	F903_126.8 S4 M4LC4	115	F903_126.8 P160 BN160M4	116
11.8	8310	1.0	122.5	45000	F803_122.5 S4 M4LC4	111	F803_122.5 P160 BN160M4	112
12.7	7717	1.0	113.8	45000	F803_113.8 S4 M4LC4	111	F803_113.8 P160 BN160M4	112
12.9	7595	1.8	111.9	55000	F903_111.9 S4 M4LC4	115	F903_111.9 P160 BN160M4	116
13.7	7124	1.1	105.0	45000	F803_105.0 S4 M4LC4	111	F803_105.0 P160 BN160M4	112
13.9	7011	2.0	103.3	55000	F903_103.3 S4 M4LC4	115	F903_103.3 P160 BN160M4	116
15.0	6497	2.2	95.8	55000	F903_95.8 S4 M4LC4	115	F903_95.8 P160 BN160M4	116
15.6	6263	1.3	92.3	44100	F803_92.3 S4 M4LC4	111	F803_92.3 P160 BN160M4	112
16.3	5997	2.3	88.4	55000	F903_88.4 S4 M4LC4	115	F903_88.4 P160 BN160M4	116
16.9	5781	1.4	85.2	44000	F803_85.2 S4 M4LC4	111	F803_85.2 P160 BN160M4	112
18.8	5200	2.7	76.7	55000	F903_76.7 S4 M4LC4	115	F903_76.7 P160 BN160M4	116
18.9	5173	1.5	76.3	42800	F803_76.3 S4 M4LC4	111	F803_76.3 P160 BN160M4	112
20.4	4800	2.9	70.8	55000	F903_70.8 S4 M4LC4	115	F903_70.8 P160 BN160M4	116
20.5	4775	1.7	70.4	42500	F803_70.4 S4 M4LC4	111	F803_70.4 P160 BN160M4	112
21.2	4607	1.1	67.9	33100	F703_67.9 S4 M4LC4	103	F703_67.9 P160 BN160M4	108
23.0	4240	1.2	62.5	32900	F703_62.5 S4 M4LC4	103	F703_62.5 P160 BN160M4	108
23.2	4213	3.3	62.1	55000			F903_62.1 P160 BN160M4	116
23.4	4170	1.9	61.5	41100	F803_61.5 S4 M4LC4	111	F803_61.5 P160 BN160M4	112
25.0	3914	1.3	57.7	32500	F703_57.7 S4 M4LC4	103	F703_57.7 P160 BN160M4	108
25.4	3849	2.1	56.7	40800	F803_56.7 S4 M4LC4	111	F803_56.7 P160 BN160M4	112



C.56

11 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
29.3	3332	2.4	49.1	39300		111	F803_49.1 P160 BN160M4	112
29.4	3322	1.5	49.0	31800	F703_49.0 S4 M4LC4	103	F703_49.0 P160 BN160M4	108
32	3075	2.6	45.3	38900			F803_45.3 P160 BN160M4	112
32	3066	1.6	45.2	31300	F703_45.2 S4 M4LC4	103	F703_45.2 P160 BN160M4	108
34	2855	1.0	42.1	20000	F603_42.1 S4 M4LC4	103	F603_42.1 P160 BN160M4	104
37	2646	3.0	39.0	37400			F803_39.0 P160 BN160M4	112
37	2636	1.1	38.8	20000	F603_38.8 S4 M4LC4	103	F603_38.8 P160 BN160M4	104
38	2605	1.9	38.4	30500			F703_38.4 P160 BN160M4	108
40	2442	3.3	36.0	36900			F803_36.0 P160 BN160M4	112
41	2404	2.1	35.4	30000			F703_35.4 P160 BN160M4	108
45	2177	1.3	32.1	20000	F603_32.1 S4 M4LC4	103	F603_32.1 P160 BN160M4	104
48	2035	2.5	30.0	29000			F703_30.0 P160 BN160M4	108
49	2009	1.4	29.6	20000	F603_29.6 S4 M4LC4	103	F603_29.6 P160 BN160M4	104
52	1879	2.5	27.7	28500			F703_27.7 P160 BN160M4	108
57	1725	1.0	25.4	20000	F603_25.4 S4 M4LC4	103	F603_25.4 P160 BN160M4	104
59	1666	2.4	24.6	27800	F703_24.6 S4 M4LC4	103	F703_24.6 P160 BN160M4	108
61	1592	1.2	23.5	20000	F603_23.5 S4 M4LC4	103	F603_23.5 P160 BN160M4	104
64	1534	2.8	22.6	27300	F703_22.6 S4 M4LC4	103	F703_22.6 P160 BN160M4	108
69	1416	2.8	20.9	26800	F703_20.9 S4 M4LC4	103	F703_20.9 P160 BN160M4	108
70	1402	1.4	20.7	20000	F603_20.7 S4 M4LC4	103	F603_20.7 P160 BN160M4	104
76	1294	1.5	19.1	20000	F603_19.1 S4 M4LC4	103	F603_19.1 P160 BN160M4	104
92	1064	1.8	15.7	20000	F603_15.7 S4 M4LC4	103	F603_15.7 P160 BN160M4	104
99	982	1.9	14.5	20000	F603_14.5 S4 M4LC4	103	F603_14.5 P160 BN160M4	104
113	864	2.2	12.7	19400	F603_12.7 S4 M4LC4	103	F603_12.7 P160 BN160M4	104
118	845	1.2	12.2	6980	F502_12.2 S4 M4LC4	99	F502_12.2 P160 BN160M4	100
123	797	2.4	11.8	19000	F603_11.8 S4 M4LC4	103	F603_11.8 P160 BN160M4	104
148	659	2.9	9.7	18200	F603_9.7 S4 M4LC4	103	F603_9.7 P160 BN160M4	104
158	633	1.1	9.1	4680	F402_9.1 S4 M4LC4	95		
159	627	1.6	9.1	6700	F502_9.1 S4 M4LC4	99	F502_9.1 P160 BN160M4	100
161	608	3.1	9.0	17800	F603_9.0 S4 M4LC4	103	F603_9.0 P160 BN160M4	104
200	499	1.9	7.2	6430	F502_7.2 S4 M4LC4	99	F502_7.2 P160 BN160M4	100
214	466	1.3	6.7	4600	F402_6.7 S4 M4LC4	95		
240	417	2.2	12.2	6200	F502_12.2 S4 M4LC2	99	F502_12.2 P160 BN160MR2	100
248	403	1.6	11.8	4520	F402_11.8 S4 M4LC2	95		
320	312	1.8	9.1	4360	F402_9.1 S4 M4LC2	95		
323	309	2.7	9.1	5800	F502_9.1 S4 M4LC2	99	F502_9.1 P160 BN160MR2	100
406	246	3.2	7.2	5490	F502_7.2 S4 M4LC2	99	F502_7.2 P160 BN160MR2	100
434	230	2.1	6.7	4120	F402_6.7 S4 M4LC2	95		

15 kW

8.1	16353	0.9	179.2	55000	F903_179.2 S5 M5SB4	115	F903_179.2 P160 BN160L4	116
9.0	14858	0.9	162.8	55000	F903_162.8 S5 M5SB4	115	F903_162.8 P160 BN160L4	116
9.7	13715	1.0	150.3	55000	F903_150.3 S5 M5SB4	115	F903_150.3 P160 BN160L4	116
10.6	12532	1.1	137.3	55000	F903_137.3 S5 M5SB4	115	F903_137.3 P160 BN160L4	116
11.5	11568	1.2	126.8	55000	F903_126.8 S5 M5SB4	115	F903_126.8 P160 BN160L4	116
13.0	10215	1.4	111.9	55000	F903_111.9 S5 M5SB4	115	F903_111.9 P160 BN160L4	116
14.1	9429	1.5	103.3	55000	F903_103.3 S5 M5SB4	115	F903_103.3 P160 BN160L4	116
15.2	8738	1.6	95.8	55000	F903_95.8 S5 M5SB4	115	F903_95.8 P160 BN160L4	116
15.8	8423	0.9	92.3	41300	F803_92.3 S5 M5SB4	111	F803_92.3 P160 BN160L4	112
16.5	8066	1.7	88.4	55000	F903_88.4 S5 M5SB4	115	F903_88.4 P160 BN160L4	116
19.0	6994	2.0	76.7	55000	F903_76.7 S5 M5SB4	115	F903_76.7 P160 BN160L4	116
19.1	6958	1.1	76.3	40500	F803_76.3 S5 M5SB4	111	F803_76.3 P160 BN160L4	112
20.6	6456	2.2	70.8	55000	F903_70.8 S5 M5SB4	115	F903_70.8 P160 BN160L4	116
20.7	6422	1.2	70.4	39900	F803_70.4 S5 M5SB4	111	F803_70.4 P160 BN160L4	112
23.8	5608	1.4	61.5	38700	F803_61.5 S5 M5SB4	111	F803_61.5 P160 BN160L4	112
25.3	5264	0.9	57.7	29700	F703_57.7 S5 M5SB4	103	F703_57.7 P160 BN160L4	108
25.5	5231	2.7	57.3	55000	F903_57.3 S5 M5SB4	115	F903_57.3 P160 BN160L4	116
25.7	5177	1.5	56.7	38600	F803_56.7 S5 M5SB4	111	F803_56.7 P160 BN160L4	112
29.3	4553	3.1	49.9	55000	F903_49.9 S5 M5SB4	115	F903_49.9 P160 BN160L4	116
29.7	4481	1.8	49.1	37800	F803_49.1 S5 M5SB4	111	F803_49.1 P160 BN160L4	112
29.8	4467	1.1	49.0	29400	F703_49.0 S5 M5SB4	103	F703_49.0 P160 BN160L4	108



C.57

15 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
32	4203	3.3	46.1	55000	F903_46.1 S5 M5SB4	115	F903_46.1 P160 BN160L4	116
32	4136	1.9	45.3	37200	F803_45.3 S5 M5SB4	111	F803_45.3 P160 BN160L4	112
32	4124	1.2	45.2	29100	F703_45.2 S5 M5SB4	103	F703_45.2 P160 BN160L4	108
37	3559	2.2	39.0	36200	F803_39.0 S5 M5SB4	111	F803_39.0 P160 BN160L4	112
38	3503	1.4	38.4	28600	F703_38.4 S5 M5SB4	103	F703_38.4 P160 BN160L4	108
41	3285	2.4	36.0	35500	F803_36.0 S5 M5SB4	111	F803_36.0 P160 BN160L4	112
41	3234	1.5	35.4	28200	F703_35.4 S5 M5SB4	103	F703_35.4 P160 BN160L4	108
46	2928	1.0	32.1	20000	F603_32.1 S5 M5SB4	103	F603_32.1 P160 BN160L4	104
49	2737	1.8	30.0	27500	F703_30.0 S5 M5SB4	103	F703_30.0 P160 BN160L4	108
49	2702	1.1	29.6	20000	F603_29.6 S5 M5SB4	103	F603_29.6 P160 BN160L4	104
53	2527	1.8	27.7	27100	F703_27.7 S5 M5SB4	103	F703_27.7 P160 BN160L4	108
58	2302	2.7	25.2	32900	F803_25.2 S5 M5SB4	111	F803_25.2 P160 BN160L4	112
59	2241	1.8	24.6	26500	F703_24.6 S5 M5SB4	103	F703_24.6 P160 BN160L4	108
65	2063	2.1	22.6	26200	F703_22.6 S5 M5SB4	103	F703_22.6 P160 BN160L4	108
66	2010	3.4	22.0	31900	F803_22.0 S5 M5SB4	111	F803_22.0 P160 BN160L4	112
70	1904	2.1	20.9	25700	F703_20.9 S5 M5SB4	103	F703_20.9 P160 BN160L4	108
71	1885	1.0	20.7	20000	F603_20.7 S5 M5SB4	103	F603_20.7 P160 BN160L4	104
72	1855	3.4	20.3	31300	F803_20.3 S5 M5SB4	111	F803_20.3 P160 BN160L4	112
77	1740	1.1	19.1	20000	F603_19.1 S5 M5SB4	103	F603_19.1 P160 BN160L4	104
82	1616	2.7	17.7	24900	F703_17.7 S5 M5SB4	103	F703_17.7 P160 BN160L4	108
89	1491	2.7	16.3	24400	F703_16.3 S5 M5SB4	103	F703_16.3 P160 BN160L4	108
93	1431	1.3	15.7	19600	F603_15.7 S5 M5SB4	103	F603_15.7 P160 BN160L4	104
101	1321	1.4	14.5	19200	F603_14.5 S5 M5SB4	103	F603_14.5 P160 BN160L4	104
105	1267	3.1	13.9	23600	F703_13.9 S5 M5SB4	103	F703_13.9 P160 BN160L4	108
114	1170	3.1	12.8	23100	F703_12.8 S5 M5SB4	103	F703_12.8 P160 BN160L4	108
115	1162	1.6	12.7	18800	F603_12.7 S5 M5SB4	103	F603_12.7 P160 BN160L4	104
124	1072	1.8	11.8	18400	F603_11.8 S5 M5SB4	103	F603_11.8 P160 BN160L4	104
135	990	3.5	10.9	22300	F703_10.9 S5 M5SB4	103	F703_10.9 P160 BN160L4	108
146	914	3.5	10.0	21800	F703_10.0 S5 M5SB4	103	F703_10.0 P160 BN160L4	108
150	886	2.1	9.7	17700	F603_9.7 S5 M5SB4	103	F603_9.7 P160 BN160L4	104
161	844	1.2	9.1	6070			F502_9.1 P160 BN160L4	100
163	818	2.3	9.0	17300	F603_9.0 S5 M5SB4	103	F603_9.0 P160 BN160L4	104
203	671	1.4	7.2	5920			F502_7.2 P160 BN160L4	100

18.5 kW

10.6	15456	0.9	137.3	55000	F903_137.3 S5 M5LA4	115	F903_137.3 P180 BN180M4	116
11.5	14267	1.0	126.8	55000	F903_126.8 S5 M5LA4	115	F903_126.8 P180 BN180M4	116
13.0	12598	1.1	111.9	55000	F903_111.9 S5 M5LA4	115	F903_111.9 P180 BN180M4	116
14.1	11629	1.2	103.3	55000	F903_103.3 S5 M5LA4	115	F903_103.3 P180 BN180M4	116
15.2	10777	1.3	95.8	55000	F903_95.8 S5 M5LA4	115	F903_95.8 P180 BN180M4	116
16.5	9948	1.4	88.4	55000	F903_88.4 S5 M5LA4	115	F903_88.4 P180 BN180M4	116
19.0	8626	1.6	76.7	55000	F903_76.7 S5 M5LA4	115	F903_76.7 P180 BN180M4	116
19.1	8581	0.9	76.3	38100	F803_76.3 S5 M5LA4	111	F803_76.3 P180 BN180M4	112
20.6	7963	1.8	70.8	55000	F903_70.8 S5 M5LA4	115	F903_70.8 P180 BN180M4	116
20.7	7921	1.0	70.4	37600	F803_70.4 S5 M5LA4	111	F803_70.4 P180 BN180M4	112
23.5	6989	2.0	62.1	55000	F903_62.1 S5 M5LA4	115	F903_62.1 P180 BN180M4	116
23.8	6916	1.1	61.5	37400	F803_61.5 S5 M5LA4	111	F803_61.5 P180 BN180M4	112
25.5	6451	2.2	57.3	55000	F903_57.3 S5 M5LA4	115	F903_57.3 P180 BN180M4	116
25.7	6384	1.3	56.7	36800	F803_56.7 S5 M5LA4	111	F803_56.7 P180 BN180M4	112
29.3	5615	2.5	49.9	55000	F903_49.9 S5 M5LA4	115	F903_49.9 P180 BN180M4	116
29.7	5526	1.4	49.1	35800	F803_49.1 S5 M5LA4	111	F803_49.1 P180 BN180M4	112
29.8	5510	0.9	49.0	27400	F703_49.0 S5 M5LA4	103	F703_49.0 P180 BN180M4	108
32	5183	2.7	46.1	55000	F903_46.1 S5 M5LA4	115	F903_46.1 P180 BN180M4	116
32	5101	1.6	45.3	35700	F803_45.3 S5 M5LA4	111	F803_45.3 P180 BN180M4	112
32	5086	1.0	45.2	27200	F703_45.2 S5 M5LA4	103	F703_45.2 P180 BN180M4	108
36	4558	3.1	40.5	53700			F903_40.5 P180 BN180M4	116
37	4389	1.8	39.0	35000	F803_39.0 S5 M5LA4	111	F803_39.0 P180 BN180M4	112
38	4321	1.2	38.4	27000	F703_38.4 S5 M5LA4	103	F703_38.4 P180 BN180M4	108
39	4207	3.2	37.4	52700			F903_37.4 P180 BN180M4	116
41	4051	2.0	36.0	34400	F803_36.0 S5 M5LA4	111	F803_36.0 P180 BN180M4	112
41	3988	1.3	35.4	26700	F703_35.4 S5 M5LA4	103	F703_35.4 P180 BN180M4	108



C.58

18.5 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
47	3517	2.3	31.3	33600	F703_30.0 S5 M5LA4	103	F803_31.3 P180 BN180M4	112
49	3376	1.5	30.0	26300			F703_30.0 P180 BN180M4	108
51	3246	2.5	28.8	33000			F803_28.8 P180 BN180M4	112
53	3116	1.5	27.7	26000			F703_27.7 P180 BN180M4	108
58	2839	2.2	25.2	32100			F803_25.2 P180 BN180M4	112
59	2764	1.4	24.6	25500	F703_24.6 S5 M5LA4	103	F703_24.6 P180 BN180M4	108
65	2544	1.7	22.6	25200	F703_22.6 S5 M5LA4	103	F703_22.6 P180 BN180M4	108
66	2479	2.7	22.0	31300	F803_22.0 S5 M5LA4	111	F803_22.0 P180 BN180M4	112
70	2348	1.7	20.9	24900	F703_20.9 S5 M5LA4	103	F703_20.9 P180 BN180M4	108
72	2288	2.7	20.3	30600	F803_20.3 S5 M5LA4	111	F803_20.3 P180 BN180M4	112
82	1993	2.2	17.7	24200	F703_17.7 S5 M5LA4	103	F703_17.7 P180 BN180M4	108
83	1981	3.4	17.6	29700	F803_17.6 S5 M5LA4	111	F803_17.6 P180 BN180M4	112
89	1839	2.2	16.3	23800	F703_16.3 S5 M5LA4	103	F703_16.3 P180 BN180M4	108
90	1828	3.4	16.2	29100	F803_16.2 S5 M5LA4	111	F803_16.2 P180 BN180M4	112
93	1765	1.1	15.7	18700	F603_15.7 S5 M5LA4	103	F603_15.7 P180 BN180M4	104
101	1629	1.2	14.5	18600	F603_14.5 S5 M5LA4	103	F603_14.5 P180 BN180M4	104
105	1563	2.5	13.9	23000	F703_13.9 S5 M5LA4	103	F703_13.9 P180 BN180M4	108
114	1442	2.5	12.8	22600	F703_12.8 S5 M5LA4	103	F703_12.8 P180 BN180M4	108
115	1433	1.3	12.7	18300	F603_12.7 S5 M5LA4	103	F603_12.7 P180 BN180M4	104
124	1323	1.4	11.8	17900	F603_11.8 S5 M5LA4	103	F603_11.8 P180 BN180M4	104
135	1221	2.8	10.9	21800	F703_10.9 S5 M5LA4	103	F703_10.9 P180 BN180M4	108
146	1127	2.8	10.0	21400	F703_10.0 S5 M5LA4	103	F703_10.0 P180 BN180M4	108
150	1092	1.7	9.7	17300	F603_9.7 S5 M5LA4	103	F603_9.7 P180 BN180M4	104
163	1008	1.9	9.0	16900	F603_9.0 S5 M5LA4	103	F603_9.0 P180 BN180M4	104
203	827	1.2	7.2	5500			F502_7.2 P180 BN180M4	100

22 kW

13.1	14880	0.9	111.9	55000			F903_111.9 P180 BN180L4	116
14.2	13735	1.0	103.3	55000			F903_103.3 P180 BN180L4	116
15.4	12728	1.1	95.8	55000			F903_95.8 P180 BN180L4	116
16.6	11749	1.2	88.4	55000			F903_88.4 P180 BN180L4	116
19.2	10188	1.4	76.7	55000			F903_76.7 P180 BN180L4	116
20.8	9405	1.5	70.8	55000			F903_70.8 P180 BN180L4	116
23.7	8254	1.7	62.1	55000			F903_62.1 P180 BN180L4	116
23.9	8169	1.0	61.5	35400			F803_61.5 P180 BN180L4	112
25.6	7619	1.8	57.3	55000			F903_57.3 P180 BN180L4	116
25.9	7541	1.1	56.7	35000			F803_56.7 P180 BN180L4	112
29.5	6632	2.1	49.9	54400			F903_49.9 P180 BN180L4	116
29.9	6527	1.2	49.1	34100			F803_49.1 P180 BN180L4	112
32	6122	2.3	46.1	53500			F903_46.1 P180 BN180L4	116
32	6025	1.3	45.3	34300			F803_45.3 P180 BN180L4	112
36	5383	2.6	40.5	52300			F903_40.5 P180 BN180L4	116
38	5184	1.5	39.0	33300			F803_39.0 P180 BN180L4	112
38	5103	1.0	38.4	25400			F703_38.4 P180 BN180L4	108
39	4969	2.7	37.4	51400			F903_37.4 P180 BN180L4	116
41	4785	1.7	36.0	33200			F803_36.0 P180 BN180L4	112
41	4711	1.1	35.4	25300			F703_35.4 P180 BN180L4	108
47	4154	1.9	31.3	32600			F803_31.3 P180 BN180L4	112
47	4120	3.2	31.0	49500			F903_31.0 P180 BN180L4	116
49	3988	1.3	30.0	25100			F703_30.0 P180 BN180L4	108
51	3834	2.1	28.8	32000			F803_28.8 P180 BN180L4	112
51	3803	3.2	28.6	48600			F903_28.6 P180 BN180L4	116
53	3681	1.3	27.7	24800			F703_27.7 P180 BN180L4	108
58	3353	1.9	25.2	31300			F803_25.2 P180 BN180L4	112
60	3264	1.2	24.6	24500			F703_24.6 P180 BN180L4	108
65	3005	1.4	22.6	24300			F703_22.6 P180 BN180L4	108
67	2928	2.3	22.0	30200			F803_22.0 P180 BN180L4	112
70	2773	1.4	20.9	24000			F703_20.9 P180 BN180L4	108
72	2703	2.3	20.3	29900			F803_20.3 P180 BN180L4	112
83	2354	1.8	17.7	23400			F703_17.7 P180 BN180L4	108
84	2339	2.9	17.6	29100			F803_17.6 P180 BN180L4	112
90	2173	1.8	16.3	23100			F703_16.3 P180 BN180L4	108
90	2159	2.9	16.2	28500			F803_16.2 P180 BN180L4	112
106	1846	2.1	13.9	22400			F703_13.9 P180 BN180L4	108



C.59

22 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
115	1704	2.1	12.8	22100			F703_12.8 P180 BN180L4	108
115	1692	1.1	12.7	17700			F603_12.7 P180 BN180L4	104
125	1562	1.2	11.8	17400			F603_11.8 P180 BN180L4	104
135	1442	2.4	10.9	21400			F703_10.9 P180 BN180L4	108
147	1331	2.4	10.0	21000			F703_10.0 P180 BN180L4	108
151	1290	1.5	9.7	16900			F603_9.7 P180 BN180L4	104
164	1191	1.6	9.0	16500			F603_9.0 P180 BN180L4	104
204	977	1.0	7.2	5070			F502_7.2 P180 BN180L4	100

30 kW

16.6	16022	0.9	88.4	52200			F903_88.4 P200 BN200L4	116
19.2	13893	1.0	76.7	52400			F903_76.7 P200 BN200L4	116
20.8	12825	1.1	70.8	52100			F903_70.8 P200 BN200L4	116
23.7	11256	1.2	62.1	51800			F903_62.1 P200 BN200L4	116
25.6	10390	1.3	57.3	51400			F903_57.3 P200 BN200L4	116
29.5	9044	1.5	49.9	50800			F903_49.9 P200 BN200L4	116
32	8348	1.7	46.1	50200			F903_46.1 P200 BN200L4	116
32	8216	1.0	45.3	30900			F803_45.3 P200 BN200L4	112
36	7341	1.9	40.5	49400			F903_40.5 P200 BN200L4	116
38	7069	1.1	39.0	31000			F803_39.0 P200 BN200L4	112
39	6776	2.0	37.4	48700			F903_37.4 P200 BN200L4	116
41	6525	1.2	36.0	30600			F803_36.0 P200 BN200L4	112
47	5664	1.4	31.3	29900			F803_31.3 P200 BN200L4	112
47	5618	2.3	31.0	47300			F903_31.0 P200 BN200L4	116
49	5438	0.9	30.0	22300			F703_30.0 P200 BN200L4	108
51	5229	1.5	28.8	29500			F803_28.8 P200 BN200L4	112
51	5186	2.3	28.6	46600			F903_28.6 P200 BN200L4	116
53	5019	0.9	27.7	22200			F703_27.7 P200 BN200L4	108
58	4601	2.6	25.4	45500			F903_25.4 P200 BN200L4	116
58	4572	1.2	25.2	29500			F803_25.2 P200 BN200L4	112
66	4039	3.0	22.3	44400			F903_22.3 P200 BN200L4	116
67	3992	1.7	22.0	29000			F803_22.0 P200 BN200L4	112
71	3728	3.0	20.6	43600			F903_20.6 P200 BN200L4	116
72	3685	1.7	20.3	28500			F803_20.3 P200 BN200L4	112
83	3209	1.4	17.7	21800			F703_17.7 P200 BN200L4	108
84	3190	2.1	17.6	27900			F803_17.6 P200 BN200L4	112
90	2963	1.4	16.3	21500			F703_16.3 P200 BN200L4	108
90	2945	2.1	16.2	27400			F803_16.2 P200 BN200L4	112
105	2534	2.7	14.0	26700			F803_14.0 P200 BN200L4	112
106	2517	1.5	13.9	21100			F703_13.9 P200 BN200L4	108
114	2339	2.7	12.9	26200			F803_12.9 P200 BN200L4	112
115	2323	1.5	12.8	20900			F703_12.8 P200 BN200L4	108
135	1967	1.8	10.9	20300			F703_10.9 P200 BN200L4	108
142	1874	3.0	10.3	24900			F803_10.3 P200 BN200L4	112
147	1815	1.8	10.0	20000			F703_10.0 P200 BN200L4	108

37 kW

20.9	15710	0.9	70.8	47600			F903_70.8 P225 BN225S4	116
25.8	12728	1.1	57.3	47700			F903_57.3 P225 BN225S4	116
29.7	11079	1.3	49.9	47600			F903_49.9 P225 BN225S4	116
32	10227	1.4	46.1	47200			F903_46.1 P225 BN225S4	116
37	8993	1.6	40.5	46800			F903_40.5 P225 BN225S4	116
38	8659	0.9	39.0	28500			F803_39.0 P225 BN225S4	112
40	8301	1.6	37.4	46300			F903_37.4 P225 BN225S4	116
41	7993	1.0	36.0	28300			F803_36.0 P225 BN225S4	112
47	6939	1.2	31.3	28400			F803_31.3 P225 BN225S4	112
48	6882	1.9	31.0	45300			F903_31.0 P225 BN225S4	116
51	6405	1.2	28.8	28100			F803_28.8 P225 BN225S4	112
52	6353	1.9	28.6	44700			F903_28.6 P225 BN225S4	116
58	5637	2.1	25.4	43900			F903_25.4 P225 BN225S4	116
59	5601	1.1	25.2	27800			F803_25.2 P225 BN225S4	112
66	4947	2.4	22.3	43000			F903_22.3 P225 BN225S4	116
67	4891	1.1	22.0	27600			F803_22.0 P225 BN225S4	112



C.60

37 kW

n_2 min ⁻¹	M_2 Nm	S	i	R_{n2} N				
72	4567	2.5	20.6	42300			F903_20.6 P225 BN225S4	116
73	4515	1.1	20.3	27200			F803_20.3 P225 BN225S4	112
83	3975	2.8	17.9	41200			F903_17.9 P225 BN225S4	116
84	3908	1.7	17.6	26800			F803_17.6 P225 BN225S4	112
90	3669	2.8	16.5	40500			F903_16.5 P225 BN225S4	116
91	3607	1.7	16.2	26300			F803_16.2 P225 BN225S4	112
102	3226	3.1	14.5	39500			F903_14.5 P225 BN225S4	116
106	3104	2.2	14.0	25800			F803_14.0 P225 BN225S4	112
110	2978	3.1	13.4	38700			F903_13.4 P225 BN225S4	116
115	2865	2.2	12.9	25300			F803_12.9 P225 BN225S4	112
132	2487	2.4	11.2	24500			F803_11.2 P225 BN225S4	112
143	2296	2.4	10.3	24300			F803_10.3 P225 BN225S4	112

45 kW

32	12438	1.1	46.1	43900			F903_46.1 P225 BN225M4	116
37	10937	1.3	40.5	43900			F903_40.5 P225 BN225M4	116
40	10096	1.3	37.4	43600			F903_37.4 P225 BN225M4	116
47	8439	0.9	31.3	26100			F803_31.3 P225 BN225M4	112
48	8370	1.6	31.0	43100			F903_31.0 P225 BN225M4	116
51	7790	1.0	28.8	26000			F803_28.8 P225 BN225M4	112
52	7726	1.6	28.6	42600			F903_28.6 P225 BN225M4	116
58	6855	1.8	25.4	42000			F903_25.4 P225 BN225M4	116
66	6017	2.0	22.3	41400			F903_22.3 P225 BN225M4	116
67	5948	1.1	22.0	26000			F803_22.0 P225 BN225M4	112
72	5554	2.0	20.6	40800			F903_20.6 P225 BN225M4	116
73	5491	1.1	20.3	25700			F803_20.3 P225 BN225M4	112
83	4834	2.3	17.9	39900			F903_17.9 P225 BN225M4	116
84	4753	1.4	17.6	25500			F803_17.6 P225 BN225M4	112
90	4463	2.3	16.5	39300			F903_16.5 P225 BN225M4	116
91	4387	1.4	16.2	25200			F803_16.2 P225 BN225M4	112
102	3924	2.5	14.5	38400			F903_14.5 P225 BN225M4	116
106	3775	1.8	14.0	24800			F803_14.0 P225 BN225M4	112
110	3622	2.6	13.4	37800			F903_13.4 P225 BN225M4	116
115	3484	1.8	12.9	24100			F803_12.9 P225 BN225M4	112
132	3025	1.5	11.2	24000			F803_11.2 P225 BN225M4	112
133	3003	2.9	11.1	36400			F903_11.1 P225 BN225M4	116
143	2792	2.0	10.3	23500			F803_10.3 P225 BN225M4	112

55 kW

32	15202	0.9	46.1	39700			F903_46.1 P250 BN250M4	116
37	13367	1.0	40.5	40300			F903_40.5 P250 BN250M4	116
40	12339	1.1	37.4	40200			F903_37.4 P250 BN250M4	116
48	10230	1.3	31.0	40300			F903_31.0 P250 BN250M4	116
52	9443	1.3	28.6	40100			F903_28.6 P250 BN250M4	116
58	8379	1.4	25.4	39700			F903_25.4 P250 BN250M4	116
66	7354	1.6	22.3	39400			F903_22.3 P250 BN250M4	116
72	6788	1.7	20.6	38900			F903_20.6 P250 BN250M4	116
83	5909	1.9	17.9	38300			F903_17.9 P250 BN250M4	116
90	5454	1.9	16.5	37800			F903_16.5 P250 BN250M4	116
102	4796	2.1	14.5	37100			F903_14.5 P250 BN250M4	116
110	4427	2.1	13.4	36600			F903_13.4 P250 BN250M4	116
133	3671	2.4	11.1	35400			F903_11.1 P250 BN250M4	116
144	3388	2.4	10.3	34800			F903_10.3 P250 BN250M4	116