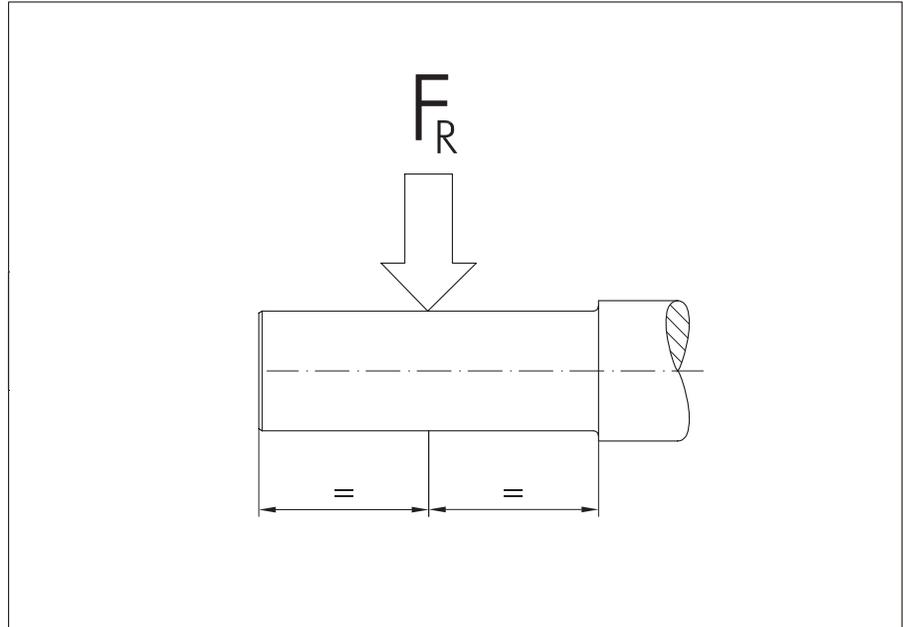


12.2 Selection tables, bevel-gear motors

Key to abbreviations

P	Rated output
n_2	Rated speed of the output shaft
i	Gear reduction ratio
M_2	Rated torque at the output shaft
f_B	Bauer service factor
F_{RN}	Maximum permissible radial force with normal bearings
F_{RV}	Maximum permissible radial force with reinforced bearings in each case with standard solid shaft (Code -.1 and -.2)



Use the selection tables to determine the size of geared motor required. The codes clearly define the type of gear unit and output shaft (see dimensional drawing 12.3).

The torques marked (*) are maximum permissible torques for service factor $f_B=1,0$.

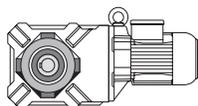
The drives marked with (#) are available as from November 2003.

Motor power overload protection

Motor-power ratings, particularly in conjunction with four-stage and multi-stage gear units, are more than ample in some instances. Consequently, and in much the same way as with low-power motors, rated current is not a measure of gear loading and cannot be used to protect the gear unit against overloading. It is advisable to provide gears at risk from excessive load or blockage with a protective mechanism (e. g., slip clutch, slip hub, shear pin or an alternative).



P = 0.03 kW



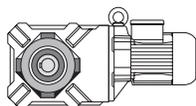
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50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
28.5	8.9	9.0	47.78	BK06-../D04LA4 #	7.6	1500	-	34	7.4	11
25	10.1	6.7	54.38	"	"	1600	-	30	8.4	8.1
21.5	11.8	5.4	63.33	"	"	1700	-	26	9.8	6.5
3.7	62	2.7	373.4	BK10Z-../D04LA4	21	7000	-	4.4	52	3.2
3.2	71	2.1	428.8	"	"	7000	-	3.8	60	2.5
2.5	66	3.3	552.3	BK10G06-../D04LA4	25	7000	-	3.0	51	4.3
2.2	77	2.9	635.5	"	"	7000	-	2.6	62	3.5
1.8	98	2.2	789.7	"	"	7000	-	2.1	80	2.8
1.5	118	1.85	929.3	"	"	7000	-	1.8	94	2.3
1.3	139	1.6	1112	"	"	7000	-	1.5	116	1.9
1.0	184	1.2	1361	"	"	7000	-	1.2	149	1.5
0.7	220*	1.0	1971	"	"	7000	-	0.85	220*	1.0
0.6	220*	1.0	2261	"	"	7000	-	0.75	220*	1.0
0.48	220*	1.0	2849	"	"	7000	-	0.6	220*	1.0
0.39	220*	1.0	3537	"	"	7000	-	0.46	220*	1.0
0.33	220*	1.0	4120	"	"	7000	-	0.4	220*	1.0
1.6	110	3.3	891.2	BK20G06-../D04LA4	34	8700	9000	1.9	88	4.1
1.3	138	2.6	1066	"	"	8700	9000	1.6	108	3.3
1.1	165	2.2	1305	"	"	8700	9000	1.3	135	2.7
0.95	193	1.85	1424	"	"	8700	9000	1.2	149	2.4
0.85	220	1.65	1650	"	"	8700	9000	1.0	183	1.95
0.7	270	1.35	2062	"	"	8700	9000	0.8	235	1.55
0.6	320	1.15	2366	"	"	8700	9000	0.7	270	1.35
0.48	360*	1.0	2831	"	"	8700	9000	0.6	360*	1.0
0.39	360*	1.0	3515	"	"	8700	9000	0.47	360*	1.0
0.33	360*	1.0	4094	"	"	8700	9000	0.4	360*	1.0
1.2	150	3.3	1142	BK30G06-../D04LA4	40	11200	12000	1.5	116	4.2
0.85	220	2.2	1620	"	"	11200	12000	1.0	183	2.7
0.7	270	1.8	2024	"	"	11200	12000	0.85	220	2.2
0.55	350	1.4	2533	"	"	11200	12000	0.65	295	1.65
0.46	415	1.2	2986	"	"	11200	12000	0.55	345	1.4
0.4	480	1.0	3399	"	"	11200	12000	0.48	400	1.25
0.35	490*	1.0	3959	"	"	11200	12000	0.41	490*	1.0

P = 0.04 kW

41	8.3	9.6	33.33	BK06-../D04LA4 #	7.6	1320	-	49	7.0	11
35.5	9.6	8.3	38.18	"	"	1380	-	42.5	8.0	10
28.5	11.9	6.7	47.78	"	"	1500	-	34	9.9	8.1
25	13.5	5.0	54.38	"	"	1600	-	30	11.3	6.0
21.5	15.8	4.0	63.33	"	"	1700	-	26	13	4.9
4.5	68	2.7	302.4	BK10Z-../D04LA4	21	7000	-	5.4	57	3.2
3.7	83	2.0	373.4	"	"	7000	-	4.4	70	2.4
3.2	95	1.55	428.8	"	"	7000	-	3.8	80	1.85
3.0	78	2.8	459.2	BK10G06-../D04LA4	25	7000	-	3.6	62	3.5
2.5	96	2.3	552.3	"	"	7000	-	3.0	77	2.9
2.2	112	1.95	635.5	"	"	7000	-	2.6	91	2.4
1.8	140	1.55	789.7	"	"	7000	-	2.1	116	1.9
1.5	167	1.3	929.3	"	"	7000	-	1.8	135	1.65
1.3	195	1.15	1112	"	"	7000	-	1.5	165	1.35
1.0	255	0.86	1361	"	"	7000	-	1.2	210	1.05
2.2	110	3.3	630.0	BK20G06-../D04LA4	34	8700	9000	2.6	89	4.0
1.8	138	2.6	757.0	"	"	8700	9000	2.2	109	3.3
1.6	156	2.3	891.2	"	"	8700	9000	1.9	128	2.8
1.3	195	1.85	1066	"	"	8700	9000	1.6	155	2.3
1.1	230	1.55	1305	"	"	8700	9000	1.3	192	1.9
0.95	270	1.35	1424	"	"	8700	9000	1.2	210	1.7
0.85	305	1.2	1650	"	"	8700	9000	1.0	255	1.4
0.7	360*	1.0	2062	"	"	8700	9000	0.8	360*	1.0
0.6	360*	1.0	2366	"	"	8700	9000	0.7	360*	1.0

P = 0.04 kW

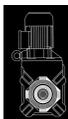


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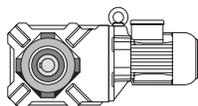
50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
1.7	147	3.3	810.9	BK30G06-../D04LA4	40	11200	12000	2.0	122	4.0
1.5	167	2.9	954.1	"	"	11200	12000	1.7	143	3.4
1.2	210	2.3	1142	"	"	11200	12000	1.5	165	3.0
0.85	305	1.6	1620	"	"	11200	12000	1.0	255	1.9
0.7	375	1.3	2024	"	"	11200	12000	0.85	305	1.6
0.55	480	1.0	2533	"	"	11200	12000	0.65	405	1.2
0.46	490*	1.0	2986	"	"	11200	12000	0.55	490*	1.0

P = 0.06 kW

63	8.1	9.9	21.54	BK06-../D06LA4 #	11	1150	-	76	6.7	12
52	9.9	8.1	26.36	"	"	1230	-	62	8.3	9.6
41	12.5	6.4	33.33	"	"	1320	-	49	10.5	7.6
35.5	14.5	5.5	38.18	"	"	1380	-	42.5	12.1	6.6
28.5	17.8	4.5	47.78	"	"	1500	-	34	14.9	5.4
25	20	3.4	54.38	"	"	1600	-	30	16.9	4.0
21.5	23.5	2.7	63.33	"	"	1700	-	26	19.6	3.2
11.5	42	3.3	120.3	BK10Z-../D06LA4	25	7000	-	13.5	36	3.8
9.5	50	3.3	143.2	"	"	7000	-	11.5	41.5	3.9
8.0	59	3.4	170.6	"	"	7000	-	9.5	50	4.0
6.6	71	2.8	204.7	"	"	7000	-	8.0	58	3.4
5.3	88	2.3	257.9	"	"	7000	-	6.3	74	2.7
4.5	103	1.8	302.4	"	"	7000	-	5.4	85	2.2
3.7	125	1.3	373.4	"	"	7000	-	4.4	105	1.55
3.2	143	1.05	428.8	"	"	7000	-	3.8	120	1.25
3.0	129	1.7	459.2	BK10G06-../D06LA4	28	7000	-	3.6	104	2.1
2.5	157	1.4	552.3	"	"	7000	-	3.0	127	1.75
2.2	180	1.2	635.5	"	"	7000	-	2.6	149	1.5
1.8	220	1.0	789.7	"	"	7000	-	2.1	187	1.2
1.5	265	0.83	929.3	"	"	7000	-	1.8	215	1.0
4.6	100	3.1	298.2	BK20Z-../D06LA4	34	8700	9000	5.5	84	3.7
3.7	123	2.4	367.7	"	"	8700	9000	4.5	101	2.9
3.2	120	3.0	429.7	BK20G06-../D06LA4	38	8700	9000	3.8	98	3.7
2.6	149	2.4	524.5	"	"	8700	9000	3.1	122	3.0
2.2	178	2.0	630.0	"	"	8700	9000	2.6	148	2.4
1.8	220	1.65	757.0	"	"	8700	9000	2.2	178	2.0
1.6	245	1.45	891.2	"	"	8700	9000	1.9	205	1.75
1.3	305	1.2	1066	"	"	8700	9000	1.6	245	1.45
1.1	360	1.0	1305	"	"	8700	9000	1.3	305	1.2
0.95	360*	1.0	1424	"	"	8700	9000	1.2	360*	1.0
3.6	128	3.1	380.7	BK30Z-../D06LA4	41	11200	12000	4.3	107	3.8
3.1	147	2.6	441.3	"	"	11200	12000	3.7	123	3.1
2.4	163	3.0	567.0	BK30G06-../D06LA4	44	11200	12000	2.9	132	3.7
2.1	188	2.6	652.5	"	"	11200	12000	2.5	155	3.2
1.7	235	2.1	810.9	"	"	11200	12000	2.0	196	2.5
1.5	265	1.85	954.1	"	"	11200	12000	1.7	230	2.1
1.2	330	1.5	1142	"	"	11200	12000	1.5	260	1.9
0.85	475	1.05	1620	"	"	11200	12000	1.0	400	1.25
0.7	490*	1.0	2024	"	"	11200	12000	0.85	490*	1.0
1.2	290	2.9	1189	BK40G10-../D06LA4	68	11700	17000	1.4	240	3.5
0.95	380	2.2	1428	"	"	11700	17000	1.2	290	2.9
0.8	465	1.85	1798	"	"	11700	17000	0.95	385	2.2
0.65	580	1.45	2108	"	"	11700	17000	0.8	465	1.85
0.55	700	1.2	2604	"	"	11700	17000	0.65	580	1.45
0.44	850*	1.0	3077	"	"	11700	17000	0.55	850*	1.0
0.36	850*	1.0	3800	"	"	11700	17000	0.43	850*	1.0
1.0	370	3.1	1398	BK50G10-../D06LA4	97	14100	26000	1.2	300	3.8
0.75	510	2.3	1816	"	"	14100	26000	0.9	415	2.8
0.6	630	1.85	2450	"	"	14100	26000	0.7	530	2.2
0.5	760	1.5	2730	"	"	14100	26000	0.6	620	1.85
0.39	960	1.2	3492	"	"	14100	26000	0.47	790	1.45



P = 0.06 kW



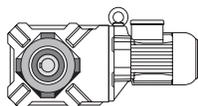
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50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
0.35	1080	1.05	3870	BK50G10-../D06LA4	97	14100	26000	0.42	890	1.3
0.31	1150*	1.0	4443	"	"	14100	26000	0.37	1150*	1.0
0.39	920	2.7	3533	BK60G20-../D06LA4	123	16600	34000	0.46	690	3.6
0.32	1240	2.0	4239	"	"	16600	34000	0.39	920	2.7
0.27	1570	1.6	5072	"	"	16600	34000	0.32	1240	2.0
0.24	1830	1.35	5721	"	"	16600	34000	0.29	1420	1.75
0.21	2150	1.15	6565	"	"	16600	34000	0.25	1740	1.45
0.17	2500*	1.0	8093	"	"	16600	34000	0.21	2500*	1.0
0.16	2500*	1.0	8990	"	"	16600	34000	0.19	2500*	1.0
0.21	2000	2.9	6504	BK70G20-../D06LA4	201	24100	50000	0.25	1580	3.6
0.17	2650	2.2	8149	"	"	24100	50000	0.2	2150	2.7
0.15	3100	1.85	9351	"	"	24100	50000	0.18	2450	2.3
0.12	4050	1.4	11529	"	"	24100	50000	0.15	3100	1.85

P = 0.09 kW

89	8.7	9.2	15.29	BK06-../D06LA4 #	11	1020	-	106	7.3	11
75	10.3	7.8	18.00	"	"	1080	-	90	8.5	9.4
63	12.2	6.6	21.54	"	"	1150	-	76	10.1	7.9
52	14.8	5.4	26.36	"	"	1230	-	62	12.4	6.5
41	18.8	4.3	33.33	"	"	1320	-	49	15.7	5.1
35.5	21.5	3.7	38.18	"	"	1380	-	42.5	18.2	4.4
28.5	26.5	3.0	47.78	"	"	1500	-	34	22	3.6
25	30.5	2.2	54.38	"	"	1600	-	30	25	2.7
21.5	35.5	1.8	63.33	"	"	1700	-	26	29	2.2
13.5	54	2.9	102.5	BK10-../D06LA4	23	7000	-	16	45.5	3.5
11.5	63	2.2	120.3	BK10Z-../D06LA4	25	7000	-	13.5	54	2.5
9.5	75	2.2	143.2	"	"	7000	-	11.5	62	2.6
8.0	89	2.2	170.6	"	"	7000	-	9.5	75	2.7
6.6	106	1.9	204.7	"	"	7000	-	8.0	88	2.3
5.3	132	1.5	257.9	"	"	7000	-	6.3	111	1.8
4.5	154	1.2	302.4	"	"	7000	-	5.4	128	1.45
3.7	188	0.88	373.4	"	"	7000	-	4.4	158	1.05
3.3	186	1.2	410.8	BK10G06-../D06LA4	28	7000	-	4.0	151	1.45
2.7	225	0.98	501.4	"	"	7000	-	3.3	184	1.2
2.5	245	0.9	552.3	"	"	7000	-	3.0	200	1.1
6.6	106	3.1	207.5	BK20Z-../D06LA4	34	8700	9000	7.9	89	3.7
5.2	135	2.4	259.9	"	"	8700	9000	6.3	111	3.0
4.6	151	2.1	298.2	"	"	8700	9000	5.5	126	2.5
3.7	185	1.6	367.7	"	"	8700	9000	4.5	152	1.9
3.2	192	1.9	429.7	BK20G06-../D06LA4	38	8700	9000	3.8	159	2.3
2.6	235	1.55	524.5	"	"	8700	9000	3.1	196	1.85
2.2	280	1.3	630.0	"	"	8700	9000	2.6	235	1.55
1.8	345	1.05	757.0	"	"	8700	9000	2.2	280	1.3
1.6	385	0.94	891.2	"	"	8700	9000	1.9	320	1.15
4.4	160	2.4	308.3	BK30Z-../D06LA4	41	11200	12000	5.3	132	2.9
3.6	193	2.1	380.7	"	"	11200	12000	4.3	161	2.5
3.1	220	1.75	441.3	"	"	11200	12000	3.7	185	2.1
2.9	210	2.3	471.5	BK30G06-../D06LA4	44	11200	12000	3.5	173	2.8
2.4	255	1.9	567.0	"	"	11200	12000	2.9	210	2.3
2.1	295	1.65	652.5	"	"	11200	12000	2.5	245	2.0
1.7	365	1.35	810.9	"	"	11200	12000	2.0	305	1.6
1.5	410	1.2	954.1	"	"	11200	12000	1.7	360	1.35
1.2	510	0.96	1142	"	"	11200	12000	1.5	410	1.2
1.1	560	0.88	1281	"	"	11200	12000	1.3	470	1.05
3.9	178	3.3	348.7	BK40Z-../D06LA4	64	11700	17000	4.7	148	3.9
3.2	210	2.7	430.0	"	"	11700	17000	3.8	180	3.2
1.8	295	2.9	756.7	BK40G10-../D06LA4	68	11700	17000	2.2	230	3.7
1.4	400	2.1	998.3	"	"	11700	17000	1.7	320	2.7

P = 0.09 kW

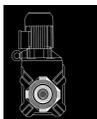


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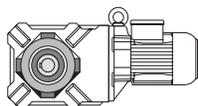
50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
1.2	475	1.8	1189	BK40G10-../D06LA4	68	11700	17000	1.4	395	2.2
0.95	610	1.4	1428	"	"	11700	17000	1.2	475	1.8
0.8	730	1.15	1798	"	"	11700	17000	0.95	610	1.4
0.65	850*	1.0	2108	"	"	11700	17000	0.8	850*	1.0
0.6	850*	1.0	2350	"	"	11700	17000	0.7	850*	1.0
1.6	350	3.3	859.8	BK50G10-../D06LA4	97	14100	26000	1.9	285	4.0
1.4	410	2.8	1024	"	"	14100	26000	1.6	350	3.3
1.1	530	2.2	1230	"	"	14100	26000	1.4	410	2.8
0.9	660	1.75	1549	"	"	14100	26000	1.1	530	2.2
0.75	790	1.45	1816	"	"	14100	26000	0.9	650	1.75
0.6	980	1.15	2450	"	"	14100	26000	0.7	830	1.4
0.5	1150*	1.0	2730	"	"	14100	26000	0.6	1150*	1.0
0.45	1150*	1.0	3025	"	"	14100	26000	0.55	1150*	1.0
0.7	750	3.3	2010	BK60G20-../D06LA4	123	16600	34000	0.85	530	4.7
0.6	930	2.7	2371	"	"	16600	34000	0.7	720	3.5
0.5	1180	2.1	2733	"	"	16600	34000	0.6	890	2.8
0.39	1650	1.5	3533	"	"	16600	34000	0.46	1320	1.9
0.32	2100	1.2	4239	"	"	16600	34000	0.39	1650	1.5
0.27	2500*	1.0	5072	"	"	16600	34000	0.32	2500*	1.0
0.24	2500*	1.0	5721	"	"	16600	34000	0.29	2500*	1.0
0.35	1750	3.3	3894	BK70G20-../D06LA4	201	24100	50000	0.42	1340	4.3
0.3	2150	2.7	4531	"	"	24100	50000	0.36	1680	3.4
0.25	2700	2.1	5436	"	"	24100	50000	0.3	2150	2.7
0.21	3350	1.7	6504	"	"	24100	50000	0.25	2700	2.1
0.17	4350	1.3	8149	"	"	24100	50000	0.2	3550	1.6
0.15	5000	1.15	9351	"	"	24100	50000	0.18	4050	1.4
0.12	5700*	1.0	11529	"	"	24100	50000	0.15	5700*	1.0

P = 0.12 kW

116	9.0	8.9	11.67	BK06-../D06LA4 #	11	930	-	139	7.5	11
89	11.7	6.8	15.29	"	"	1020	-	106	9.8	8.2
75	13.7	5.8	18.00	"	"	1080	-	90	11.4	7.0
63	16.3	4.9	21.54	"	"	1150	-	76	13.5	5.9
52	19.8	4.0	26.36	"	"	1230	-	62	16.6	4.8
41	25	3.2	33.33	"	"	1320	-	49	21	3.8
35.5	29	2.8	38.18	"	"	1380	-	42.5	24	3.3
28.5	35.5	2.3	47.78	"	"	1500	-	34	29.5	2.7
25	40.5	1.7	54.38	"	"	1600	-	30	33.5	2.0
21.5	47	1.35	63.33	"	"	1700	-	26	39	1.65
15.5	64	2.8	89.30	BK10-../D06LA4	23	7000	-	18.5	53	3.4
13.5	72	2.2	102.5	"	"	7000	-	16	60	2.6
11.5	84	1.65	120.3	BK10Z-../D06LA4	25	7000	-	13.5	72	1.9
9.5	101	1.6	143.2	"	"	7000	-	11.5	83	1.95
8.0	118	1.7	170.6	"	"	7000	-	9.5	100	2.0
6.6	142	1.4	204.7	"	"	7000	-	8.0	117	1.7
5.3	177	1.15	257.9	"	"	7000	-	6.3	149	1.35
4.5	205	0.9	302.4	"	"	7000	-	5.4	171	1.1
4.0	210	1.05	343.2	BK10G06-../D06LA4	28	7000	-	4.8	173	1.25
3.3	255	0.86	410.8	"	"	7000	-	4.0	205	1.05
14	70	3.3	96.99	BK20Z-../D06LA4	34	8700	9000	17	57	4.1
11	88	3.8	124.2	"	"	8700	9000	13.5	72	4.6
9.4	102	3.2	144.5	"	"	8700	9000	11.5	83	4.0
7.8	121	2.7	173.4	"	"	8700	9000	9.4	101	3.3
6.6	142	2.3	207.5	"	"	8700	9000	7.9	118	2.8
5.2	180	1.85	259.9	"	"	8700	9000	6.3	149	2.2
4.6	200	1.55	298.2	"	"	8700	9000	5.5	168	1.85
3.7	245	1.2	367.7	"	"	8700	9000	4.5	200	1.45
3.2	260	1.4	429.7	BK20G06-../D06LA4	38	8700	9000	3.8	215	1.65
2.6	320	1.15	524.5	"	"	8700	9000	3.1	265	1.35
2.2	380	0.95	630.0	"	"	8700	9000	2.6	320	1.15



P = 0.12 kW



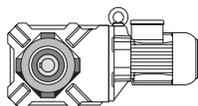
Danfoss

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
6.3	149	3.0	216.5	BK30Z-../D06LA4	41	11200	12000	7.5	125	3.6
5.3	177	2.5	255.3	"	"	11200	12000	6.4	146	3.1
4.4	210	1.85	308.3	"	"	11200	12000	5.3	177	2.2
3.6	255	1.6	380.7	"	"	11200	12000	4.3	215	1.85
3.1	295	1.3	441.3	"	"	11200	12000	3.7	245	1.55
2.9	290	1.7	471.5	BK30G06-../D06LA4	44	11200	12000	3.5	235	2.1
2.4	350	1.4	567.0	"	"	11200	12000	2.9	285	1.7
2.1	400	1.25	652.5	"	"	11200	12000	2.5	335	1.45
1.7	495	0.99	810.9	"	"	11200	12000	2.0	420	1.15
1.5	560	0.88	954.1	"	"	11200	12000	1.7	490	1.0
3.9	235	2.5	348.7	BK40Z-../D06LA4	64	11700	17000	4.7	197	2.9
3.2	285	2.0	430.0	"	"	11700	17000	3.8	240	2.4
2.8	255	3.3	487.3	BK40G10-../D06LA4	68	11700	17000	3.4	200	4.3
2.5	290	2.9	540.0	"	"	11700	17000	3.0	230	3.7
2.1	355	2.4	660.2	"	"	11700	17000	2.5	285	3.0
1.8	420	2.0	756.7	"	"	11700	17000	2.2	330	2.6
1.4	550	1.55	998.3	"	"	11700	17000	1.7	450	1.9
1.2	660	1.3	1189	"	"	11700	17000	1.4	550	1.55
0.95	840	1.0	1428	"	"	11700	17000	1.2	660	1.3
0.8	850*	1.0	1798	"	"	11700	17000	0.95	850*	1.0
3.3	275	3.1	414.8	BK50Z-../D06LA4	93	14100	26000	4.0	225	3.8
2.1	360	3.2	651.7	BK50G10-../D06LA4	97	14100	26000	2.5	295	3.9
1.6	490	2.3	859.8	"	"	14100	26000	1.9	405	2.8
1.4	560	2.1	1024	"	"	14100	26000	1.6	490	2.3
1.1	730	1.6	1230	"	"	14100	26000	1.4	570	2.0
0.9	900	1.3	1549	"	"	14100	26000	1.1	730	1.6
0.75	1080	1.05	1816	"	"	14100	26000	0.9	900	1.3
0.6	1150*	1.0	2450	"	"	14100	26000	0.7	1150*	1.0
0.85	930	2.7	1618	BK60G20-../D06LA4	123	16600	34000	1.1	630	4.0
0.75	1070	2.3	1810	"	"	16600	34000	0.9	810	3.1
0.6	1400	1.8	2371	"	"	16600	34000	0.7	1130	2.2
0.5	1750	1.45	2733	"	"	16600	34000	0.6	1370	1.8
0.39	2350	1.05	3533	"	"	16600	34000	0.46	1940	1.3
0.32	2500*	1.0	4239	"	"	16600	34000	0.39	2500*	1.0
0.45	1900	3.0	3041	BK70G20-../D06LA4	201	24100	50000	0.55	1440	4.0
0.39	2250	2.5	3505	"	"	24100	50000	0.47	1750	3.3
0.35	2550	2.2	3894	"	"	24100	50000	0.42	2000	2.9
0.3	3100	1.85	4531	"	"	24100	50000	0.36	2450	2.3
0.25	3850	1.5	5436	"	"	24100	50000	0.3	3100	1.85
0.21	4750	1.2	6504	"	"	24100	50000	0.25	3850	1.5
0.17	5700*	1.0	8149	"	"	24100	50000	0.2	5700*	1.0
0.15	5700*	1.0	9351	"	"	24100	50000	0.18	5700*	1.0

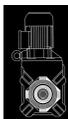
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140	11.2	7.1	9.71	BK06-../D06LA4 #	11	880	-	167	9.4	8.5
116	13.6	5.9	11.67	"	"	930	-	139	11.3	7.1
89	17.5	4.6	15.29	"	"	1020	-	106	14.7	5.4
75	20.5	3.9	18.00	"	"	1080	-	90	17.1	4.7
63	24.5	3.3	21.54	"	"	1150	-	76	20	4.0
52	29.5	2.7	26.36	"	"	1230	-	62	24.5	3.3
41	37.5	2.1	33.33	"	"	1320	-	49	31.5	2.5
35.5	43.5	1.85	38.18	"	"	1380	-	42.5	36	2.2
28.5	53	1.5	47.78	"	"	1500	-	34	44.5	1.8
25	61	1.1	54.38	"	"	1600	-	30	50	1.35
21.5	71	0.89	63.33	"	"	1700	-	26	58	1.1
22	69	2.9	61.68	BK10-../D06LA4	23	7000	-	26.5	57	3.5
19	79	2.5	72.31	"	"	7000	-	22.5	67	3.0
15.5	96	1.85	89.30	"	"	7000	-	18.5	80	2.2
13.5	108	1.45	102.5	"	"	7000	-	16	91	1.75

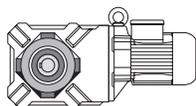
P = 0.18 kW



50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
11.5	127	1.1	120.3	BK10Z-../D06LA4	25	7000	-	13.5	108	1.25
9.5	151	1.1	143.2	"	"	7000	-	11.5	125	1.3
8.0	178	1.1	170.6	"	"	7000	-	9.5	150	1.35
6.6	210	0.95	204.7	"	"	7000	-	8.0	176	1.15
12.5	118	2.7	108.6	BK20-../D06LA4	33	8700	9000	15	98	3.2
11	132	2.5	124.2	BK20Z-../D06LA4	34	8700	9000	13.5	108	3.1
9.4	153	2.2	144.5	"	"	8700	9000	11.5	125	2.6
7.8	182	1.8	173.4	"	"	8700	9000	9.4	151	2.2
6.6	210	1.55	207.5	"	"	8700	9000	7.9	178	1.85
5.2	270	1.2	259.9	"	"	8700	9000	6.3	220	1.5
4.6	300	1.05	298.2	"	"	8700	9000	5.5	250	1.25
3.8	340	1.05	359.1	BK20G06-../D06LA4	38	8700	9000	4.6	280	1.3
3.2	405	0.89	429.7	"	"	8700	9000	3.8	340	1.05
2.9	445	0.81	480.4	"	"	8700	9000	3.4	380	0.95
9.4	153	2.9	145.1	BK30Z-../D06LA4	41	11200	12000	11.5	125	3.6
7.4	192	2.3	184.8	"	"	11200	12000	8.8	162	2.8
6.3	220	2.0	216.5	"	"	11200	12000	7.5	187	2.4
5.3	265	1.7	255.3	"	"	11200	12000	6.4	220	2.0
4.4	320	1.2	308.3	"	"	11200	12000	5.3	265	1.45
3.6	385	1.05	380.7	"	"	11200	12000	4.3	320	1.25
3.1	440	0.87	441.3	"	"	11200	12000	3.7	370	1.05
2.9	445	1.1	471.5	BK30G06-../D06LA4	44	11200	12000	3.5	370	1.3
2.4	540	0.91	567.0	"	"	11200	12000	2.9	445	1.1
2.1	610	0.8	652.5	"	"	11200	12000	2.5	510	0.96
5.5	250	3.1	246.6	BK40Z-../D06LA4	64	11700	17000	6.6	210	3.7
4.7	295	2.3	289.8	"	"	11700	17000	5.6	245	2.8
3.9	355	1.65	348.7	"	"	11700	17000	4.7	295	1.95
3.2	425	1.35	430.0	"	"	11700	17000	3.8	360	1.6
2.8	420	2.0	487.3	BK40G10-../D06LA4	68	11700	17000	3.4	335	2.5
2.5	470	1.8	540.0	"	"	11700	17000	3.0	385	2.2
2.1	560	1.5	660.2	"	"	11700	17000	2.5	465	1.85
1.8	660	1.3	756.7	"	"	11700	17000	2.2	530	1.6
1.4	870	0.98	998.3	"	"	11700	17000	1.7	710	1.2
1.2	1020	0.83	1189	"	"	11700	17000	1.4	870	0.98
4.2	330	3.1	328.2	BK50Z-../D06LA4	93	14100	26000	5.0	275	3.7
3.3	415	2.0	414.8	"	"	14100	26000	4.0	340	2.5
3.0	395	2.9	465.1	BK50G10-../D06LA4	97	14100	26000	3.5	330	3.5
2.4	500	2.3	568.6	"	"	14100	26000	2.9	405	2.8
2.1	570	2.0	651.7	"	"	14100	26000	2.5	475	2.4
1.6	760	1.5	859.8	"	"	14100	26000	1.9	640	1.8
1.4	880	1.3	1024	"	"	14100	26000	1.6	760	1.5
1.1	1120	1.05	1230	"	"	14100	26000	1.4	880	1.3
0.9	1150*	1.0	1549	"	"	14100	26000	1.1	1150*	1.0
1.4	920	2.7	1016	BK60G20-../D06LA4	123	16600	34000	1.6	770	3.2
1.1	1220	2.0	1322	"	"	16600	34000	1.3	980	2.6
0.85	1610	1.55	1618	"	"	16600	34000	1.1	1150	2.2
0.75	1830	1.35	1810	"	"	16600	34000	0.9	1450	1.7
0.6	2350	1.05	2371	"	"	16600	34000	0.7	1950	1.3
0.5	2500*	1.0	2733	"	"	16600	34000	0.6	2500*	1.0
0.8	1720	3.3	1696	BK70G20-../D06LA4	201	24100	50000	1.0	1290	4.4
0.7	1940	2.9	2040	"	"	24100	50000	0.8	1630	3.5
0.55	2500	2.3	2578	"	"	24100	50000	0.65	2000	2.9
0.45	3150	1.8	3041	"	"	24100	50000	0.55	2450	2.3
0.39	3700	1.55	3505	"	"	24100	50000	0.47	2950	1.95
0.35	4200	1.35	3894	"	"	24100	50000	0.42	3350	1.7
0.3	5000	1.15	4531	"	"	24100	50000	0.36	4050	1.4
0.25	5700*	1.0	5436	"	"	24100	50000	0.3	5700*	1.0



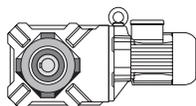
P = 0.25 kW



Danfoss

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
140	15.6	5.1	9.71	BK06-../D06LA4 #	11	880	-	167	13.1	6.1
116	18.9	4.2	11.67	BK06-../D06LA4 #	11	930	-	139	15.8	5.1
89	24	3.3	15.29	"	"	1020	-	106	20	4.0
75	28.5	2.8	18.00	"	"	1080	-	90	23.5	3.4
63	34	2.4	21.54	"	"	1150	-	76	28	2.9
52	41	1.95	26.36	"	"	1230	-	62	34.5	2.3
41	52	1.55	33.33	"	"	1320	-	49	43.5	1.85
35.5	60	1.35	38.18	"	"	1380	-	42.5	50	1.6
28.5	74	1.1	47.78	"	"	1500	-	34	62	1.3
25	84	0.81	54.38	"	"	1600	-	30	70	0.97
33.5	64	3.1	40.79	BK10-../D06LA4	23	6000	-	40	53	3.8
28	75	2.7	48.96	"	"	6400	-	33.5	63	3.2
22	96	2.1	61.68	"	"	7000	-	26.5	80	2.5
19	110	1.8	72.31	"	"	7000	-	22.5	93	2.2
15.5	134	1.35	89.30	"	"	7000	-	18.5	112	1.6
13.5	150	1.05	102.5	"	"	7000	-	16	126	1.25
8.0	245	0.82	170.6	BK10Z-../D06LA4	25	7000	-	9.5	205	0.98
18	116	2.8	76.79	BK20-../D06LA4	33	7500	9000	21.5	97	3.4
15.5	134	2.5	88.12	"	"	8000	9000	18.5	112	2.9
12.5	164	1.9	108.6	"	"	8700	9000	15	136	2.3
11	184	1.8	124.2	BK20Z-../D06LA4	34	8700	9000	13.5	150	2.2
9.4	210	1.55	144.5	"	"	8700	9000	11.5	174	1.9
7.8	250	1.3	173.4	"	"	8700	9000	9.4	210	1.55
6.6	295	1.1	207.5	"	"	8700	9000	7.9	245	1.35
5.2	375	0.88	259.9	"	"	8700	9000	6.3	310	1.05
13.5	150	3.0	102.4	BK30-../D06LA4	39	11200	12000	16	126	3.6
11	184	2.4	123.9	BK30Z-../D06LA4	41	11200	12000	13.5	150	3.0
9.4	210	2.1	145.1	"	"	11200	12000	11.5	174	2.6
7.4	265	1.7	184.8	"	"	11200	12000	8.8	225	2.0
6.3	310	1.45	216.5	"	"	11200	12000	7.5	260	1.75
5.3	365	1.25	255.3	"	"	11200	12000	6.4	305	1.5
4.4	440	0.88	308.3	"	"	11200	12000	5.3	365	1.05
8.0	245	3.2	169.0	BK40Z-../D06LA4	64	11700	17000	9.6	205	3.8
6.4	305	2.6	211.5	"	"	11700	17000	7.7	250	3.1
5.5	350	2.2	246.6	"	"	11700	17000	6.6	290	2.7
4.7	410	1.65	289.8	"	"	11700	17000	5.6	345	2.0
3.9	495	1.15	348.7	"	"	11700	17000	4.7	410	1.4
3.2	590	0.97	430.0	"	"	11700	17000	3.8	500	1.15
2.8	610	1.4	487.3	BK40G10-../D06LA4	68	11700	17000	3.4	495	1.7
2.5	680	1.25	540.0	"	"	11700	17000	3.0	560	1.5
2.1	810	1.05	660.2	"	"	11700	17000	2.5	680	1.25
1.8	950	0.89	756.7	"	"	11700	17000	2.2	770	1.1
1.7	1020	0.83	838.4	"	"	11700	17000	2.0	860	0.99
5.2	370	2.8	264.5	BK50Z-../D06LA4	93	14100	26000	6.2	310	3.4
4.2	460	2.2	328.2	"	"	14100	26000	5.0	385	2.6
3.3	570	1.5	414.8	"	"	14100	26000	4.0	475	1.8
3.0	570	2.0	465.1	BK50G10-../D06LA4	97	14100	26000	3.5	485	2.4
2.4	720	1.6	568.6	"	"	14100	26000	2.9	590	1.95
2.1	820	1.4	651.7	"	"	14100	26000	2.5	680	1.7
1.6	1090	1.05	859.8	"	"	14100	26000	1.9	910	1.25
1.4	1250	0.92	1024	"	"	14100	26000	1.6	1090	1.05
2.2	820	3.0	621.5	BK60G20-../D06LA4	123	16600	34000	2.7	620	4.0
1.8	1010	2.5	752.1	"	"	16600	34000	2.2	770	3.2
1.6	1150	2.2	887.8	"	"	16600	34000	1.9	920	2.7
1.4	1400	1.8	1016	"	"	16600	34000	1.6	1190	2.1
1.1	1830	1.35	1322	"	"	16600	34000	1.3	1500	1.65
0.85	2350	1.05	1618	"	"	16600	34000	1.1	1760	1.4
0.75	2500*	1.0	1810	"	"	16600	34000	0.9	2500*	1.0
0.7	2500*	1.0	2010	"	"	16600	34000	0.85	2500*	1.0

P = 0.25 kW

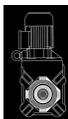


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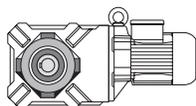
50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
1.1	1790	3.2	1280	BK70G20-../D06LA4	201	24100	50000	1.3	1450	3.9
0.95	2050	2.8	1457	"	"	24100	50000	1.2	1560	3.7
0.8	2550	2.2	1696	"	"	24100	50000	1.0	1950	2.9
0.7	2850	2.0	2040	"	"	24100	50000	0.8	2450	2.3
0.55	3700	1.55	2578	"	"	24100	50000	0.65	3050	1.85
0.45	4650	1.25	3041	"	"	24100	50000	0.55	3650	1.55
0.39	5400	1.05	3505	"	"	24100	50000	0.47	4350	1.3
0.35	5700*	1.0	3894	"	"	24100	50000	0.42	5700*	1.0

P = 0.3 kW

140	18.8	4.3	9.71	BK06-../D07LA4 #	14	880	-	167	15.7	5.1
116	22.5	3.6	11.67	"	"	930	-	139	18.9	4.2
89	29	2.8	15.29	"	"	1020	-	106	24.5	3.3
75	34	2.4	18.00	"	"	1080	-	90	28.5	2.8
63	40.5	2.0	21.54	"	"	1150	-	76	33.5	2.4
52	49.5	1.6	26.36	"	"	1230	-	62	41.5	1.95
41	62	1.3	33.33	"	"	1320	-	49	52	1.55
35.5	72	1.1	38.18	"	"	1380	-	42.5	60	1.35
28.5	89	0.9	47.78	"	"	1500	-	34	74	1.1
39.5	65	3.1	34.25	BK10-../D07LA4	26	5600	-	47.5	54	3.7
33.5	76	2.6	40.79	"	"	6000	-	40	64	3.1
28	91	2.2	48.96	"	"	6400	-	33.5	76	2.6
22	115	1.75	61.68	"	"	7000	-	26.5	96	2.1
19	132	1.5	72.31	"	"	7000	-	22.5	112	1.8
15.5	160	1.1	89.30	"	"	7000	-	18.5	134	1.35
13.5	180	0.87	102.5	"	"	7000	-	16	152	1.05
22.5	113	2.9	61.30	BK20-../D07LA4	35	6500	9000	26.5	96	3.4
18	140	2.4	76.79	"	"	7500	9000	21.5	117	2.8
15.5	160	2.1	88.12	"	"	8000	9000	18.5	134	2.5
12.5	197	1.6	108.6	"	"	8700	9000	15	164	1.9
11	220	1.5	124.2	BK20Z-../D07LA4	37	8700	9000	13.5	180	1.85
9.4	255	1.3	144.5	"	"	8700	9000	11.5	205	1.6
7.8	300	1.1	173.4	"	"	8700	9000	9.4	250	1.3
6.6	355	0.93	207.5	"	"	8700	9000	7.9	295	1.1
15.5	158	2.8	88.38	BK30-../D07LA4	41	10600	12000	18.5	133	3.4
13.5	180	2.5	102.4	"	"	11200	12000	16	152	3.0
11	220	2.0	123.9	BK30Z-../D07LA4	44	11200	12000	13.5	180	2.5
9.4	255	1.75	145.1	"	"	11200	12000	11.5	205	2.2
7.4	320	1.4	184.8	"	"	11200	12000	8.8	270	1.65
6.3	370	1.2	216.5	"	"	11200	12000	7.5	310	1.45
5.3	440	1.0	255.3	"	"	11200	12000	6.4	365	1.25
9.5	250	3.1	143.0	BK40Z-../D07LA4	66	11700	17000	11.5	205	3.8
8.0	295	2.6	169.0	"	"	11700	17000	9.6	245	3.2
6.4	365	2.1	211.5	"	"	11700	17000	7.7	305	2.6
5.5	420	1.85	246.6	"	"	11700	17000	6.6	350	2.2
4.7	490	1.4	289.8	"	"	11700	17000	5.6	410	1.65
3.9	590	0.98	348.7	"	"	11700	17000	4.7	490	1.2
3.2	710	0.81	430.0	"	"	11700	17000	3.8	600	0.96
2.8	740	1.15	487.3	BK40G10-../D07LA4	71	11700	17000	3.4	600	1.4
2.5	830	1.0	540.0	"	"	11700	17000	3.0	680	1.25
2.1	990	0.86	660.2	"	"	11700	17000	2.5	830	1.0
6.6	355	3.0	206.8	BK50Z-../D07LA4	95	14100	26000	7.9	295	3.6
5.2	445	2.4	264.5	"	"	14100	26000	6.2	370	2.8
4.2	550	1.85	328.2	"	"	14100	26000	5.0	460	2.2
3.3	690	1.2	414.8	"	"	14100	26000	4.0	570	1.5
3.0	700	1.65	465.1	BK50G10-../D07LA4	99	14100	26000	3.5	590	1.95
2.4	870	1.3	568.6	"	"	14100	26000	2.9	720	1.6
2.1	1000	1.15	651.7	"	"	14100	26000	2.5	830	1.4
1.6	1320	0.87	859.8	"	"	14100	26000	1.9	1110	1.05



P = 0.3 kW



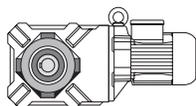
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50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
2.2	1040	2.4	621.5	BK60G20-../D07LA4	125	16600	34000	2.7	800	3.1
1.8	1270	1.95	752.1	"	"	16600	34000	2.2	980	2.6
1.6	1450	1.7	887.8	"	"	16600	34000	1.9	1170	2.1
1.4	1740	1.45	1016	"	"	16600	34000	1.6	1490	1.7
1.1	2250	1.1	1322	"	"	16600	34000	1.3	1860	1.35
0.85	2500*	1.0	1618	"	"	16600	34000	1.1	2500*	1.0
1.2	1950	2.9	1139	BK70G20-../D07LA4	204	24100	50000	1.5	1480	3.9
0.95	2550	2.2	1457	"	"	24100	50000	1.2	1950	2.9
0.8	3150	1.8	1696	"	"	24100	50000	1.0	2400	2.4
0.7	3550	1.6	2040	"	"	24100	50000	0.8	3050	1.85
0.55	4600	1.25	2578	"	"	24100	50000	0.65	3800	1.5
0.45	5700*	1.0	3041	"	"	24100	50000	0.55	5700*	1.0
0.39	5700*	1.0	3505	"	"	24100	50000	0.47	5700*	1.0

P = 0.37 kW

140	23	3.5	9.71	BK06-../D07LA4 #	14	880	-	167	19.4	4.1
116	28	2.9	11.67	"	"	930	-	139	23	3.5
89	36	2.2	15.29	"	"	1020	-	106	30	2.7
75	42	1.9	18.00	"	"	1080	-	90	35	2.3
63	50	1.6	21.54	"	"	1150	-	76	41.5	1.95
52	61	1.3	26.36	"	"	1230	-	62	51	1.55
41	77	1.05	33.33	"	"	1320	-	49	64	1.25
35.5	89	0.9	38.18	"	"	1380	-	42.5	74	1.1
47	67	3.0	28.76	BK10-../D07LA4	26	5200	-	57	55	3.6
39.5	80	2.5	34.25	"	"	5600	-	47.5	66	3.0
33.5	94	2.1	40.79	"	"	6000	-	40	79	2.5
28	112	1.8	48.96	"	"	6400	-	33.5	93	2.2
22	142	1.4	61.68	"	"	7000	-	26.5	118	1.7
19	163	1.25	72.31	"	"	7000	-	22.5	138	1.45
15.5	198	0.9	89.30	"	"	7000	-	18.5	166	1.05
32	99	3.3	42.70	BK20-../D07LA4	35	5800	9000	38	83	4.0
26.5	118	2.8	51.22	"	"	6300	9000	32	98	3.4
22.5	139	2.4	61.30	"	"	6500	9000	26.5	118	2.8
18	172	1.9	76.79	"	"	7500	9000	21.5	144	2.3
15.5	198	1.65	88.12	"	"	8000	9000	18.5	166	2.0
12.5	240	1.3	108.6	"	"	8700	9000	15	200	1.6
11	270	1.2	124.2	BK20Z-../D07LA4	37	8700	9000	13.5	220	1.5
9.4	315	1.05	144.5	"	"	8700	9000	11.5	255	1.3
7.8	375	0.88	173.4	"	"	8700	9000	9.4	310	1.05
23	135	3.3	59.27	BK30-../D07LA4	41	8900	12000	27.5	113	4.0
19	161	2.8	71.56	"	"	9700	12000	23	133	3.4
15.5	196	2.3	88.38	"	"	10600	12000	18.5	164	2.7
13.5	220	2.0	102.4	"	"	11200	12000	16	187	2.4
11	270	1.65	123.9	BK30Z-../D07LA4	44	11200	12000	13.5	220	2.0
9.4	315	1.45	145.1	"	"	11200	12000	11.5	255	1.75
7.4	395	1.15	184.8	"	"	11200	12000	8.8	330	1.35
6.3	455	0.99	216.5	"	"	11200	12000	7.5	385	1.15
5.3	540	0.83	255.3	"	"	11200	12000	6.4	450	1.0
11.5	260	3.0	118.2	BK40Z-../D07LA4	66	11700	17000	14	210	3.7
9.5	310	2.5	143.0	"	"	11700	17000	11.5	255	3.1
8.0	365	2.1	169.0	"	"	11700	17000	9.6	305	2.6
6.4	450	1.75	211.5	"	"	11700	17000	7.7	375	2.1
5.5	520	1.5	246.6	"	"	11700	17000	6.6	430	1.8
4.7	600	1.15	289.8	"	"	11700	17000	5.6	510	1.35
3.9	730	0.8	348.7	"	"	11700	17000	4.7	600	0.97
2.8	930	0.91	487.3	BK40G10-../D07LA4	71	11700	17000	3.4	760	1.1
2.5	1040	0.82	540.0	"	"	11700	17000	3.0	860	0.99
8.9	325	3.2	153.3	BK50Z-../D07LA4	95	14100	26000	11	265	4.0
6.6	435	2.4	206.8	"	"	14100	26000	7.9	365	2.9

P = 0.37 kW



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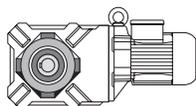
50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
5.2	550	1.9	264.5	BK50Z-../D07LA4	95	14100	26000	6.2	460	2.3
4.2	680	1.5	328.2	"	"	14100	26000	5.0	570	1.75
3.3	850	0.99	414.8	"	"	14100	26000	4.0	700	1.2
3.0	870	1.3	465.1	BK50G10-../D07LA4	99	14100	26000	3.5	740	1.55
2.4	1090	1.05	568.6	"	"	14100	26000	2.9	900	1.3
2.1	1250	0.92	651.7	"	"	14100	26000	2.5	1050	1.1
1.9	1380	0.83	722.2	"	"	14100	26000	2.3	1140	1.0
2.2	1340	1.85	621.5	BK60G20-../D07LA4	125	16600	34000	2.7	1040	2.4
1.8	1640	1.5	752.1	"	"	16600	34000	2.2	1290	1.95
1.6	1870	1.35	887.8	"	"	16600	34000	1.9	1520	1.65
1.4	2200	1.15	1016	"	"	16600	34000	1.6	1900	1.3
1.1	2850	0.88	1322	"	"	16600	34000	1.3	2350	1.05
1.6	1850	3.1	847.7	BK70G20-../D07LA4	204	24100	50000	2.0	1410	4.0
1.4	2100	2.7	964.6	"	"	24100	50000	1.7	1670	3.4
1.2	2500	2.3	1139	"	"	24100	50000	1.5	1920	3.0
0.95	3250	1.75	1457	"	"	24100	50000	1.2	2500	2.3
0.8	3950	1.45	1696	"	"	24100	50000	1.0	3100	1.85
0.7	4500	1.25	2040	"	"	24100	50000	0.8	3900	1.45
0.55	5700*	1.0	2578	"	"	24100	50000	0.65	5700*	1.0

P = 0.55 kW

145	33	2.4	9.71	BK06-../D08MA4 #	15	880	-	174	27.5	2.9
120	40	2.0	11.67	"	"	930	-	144	33.5	2.4
92	51	1.55	15.29	"	"	1020	-	110	43	1.85
78	60	1.35	18.00	"	"	1080	-	94	50	1.6
65	72	1.1	21.54	"	"	1150	-	78	60	1.35
54	87	0.92	26.36	"	"	1230	-	64	73	1.1
118	40.5	2.8	11.93	BK10-../D08MA4	27	3100	-	141	34	3.4
97	48.5	4.1	14.50	"	"	3900	-	116	40.5	4.9
83	56	2.4	16.92	"	"	3700	-	100	47	2.9
76	62	3.2	18.52	"	"	4300	-	91	51	3.9
62	76	2.6	22.65	"	"	4650	-	75	63	3.2
49	96	2.1	28.76	"	"	5200	-	59	80	2.5
41	115	1.75	34.25	"	"	5600	-	49.5	95	2.1
34.5	137	1.45	40.79	"	"	6000	-	41.5	113	1.75
29	161	1.25	48.96	"	"	6400	-	34.5	135	1.5
23	200	1.0	61.68	"	"	7000	-	27.5	169	1.2
19.5	235	0.85	72.31	"	"	7000	-	23.5	196	1.0
38.5	122	2.7	36.69	BK20-../D08MA4	36	5400	9000	46	102	3.2
33	143	2.3	42.70	"	"	5800	9000	39.5	119	2.8
27.5	169	1.95	51.22	"	"	6300	9000	33	141	2.3
23	200	1.65	61.30	"	"	6500	9000	27.5	169	1.95
18.5	245	1.35	76.79	"	"	7500	9000	22	210	1.55
16	285	1.15	88.12	"	"	8000	9000	19.5	230	1.45
13	345	0.91	108.6	"	"	8700	9000	15.5	290	1.1
11.5	385	0.86	124.2	BK20Z-../D08MA4	38	8700	9000	14	315	1.05
33	141	3.2	42.89	BK30-../D08MA4	42	7800	12000	39.5	118	3.8
28	165	2.7	50.27	"	"	8300	12000	33.5	137	3.3
24	192	2.3	59.27	"	"	8900	12000	28.5	162	2.8
20	225	2.0	71.56	"	"	9700	12000	23.5	194	2.3
16	280	1.6	88.38	"	"	10600	12000	19.5	230	1.95
14	315	1.45	102.4	"	"	11200	12000	16.5	270	1.65
11.5	385	1.15	123.9	BK30Z-../D08MA4	45	11200	12000	14	315	1.45
9.7	450	1.0	145.1	"	"	11200	12000	12	365	1.25
17	265	2.9	84.36	BK40-../D08MA4	63	10700	17000	20	225	3.5
13.5	330	2.4	104.0	"	"	11700	17000	16.5	270	2.9
12	370	2.1	118.2	BK40Z-../D08MA4	67	11700	17000	14.5	305	2.6
9.8	450	1.75	143.0	"	"	11700	17000	12	365	2.1
8.3	520	1.5	169.0	"	"	11700	17000	10	435	1.8



P = 0.55 kW



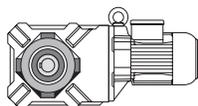
Danfoss

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
6.7	640	1.2	211.5	BK40Z-../D08MA4	67	11700	17000	8.0	530	1.45
5.7	740	1.05	246.6	"	"	11700	17000	6.9	610	1.3
4.9	860	0.8	289.8	"	"	11700	17000	5.8	730	0.94
12.5	355	3.0	115.4	BK50Z-../D08MA4	96	14100	26000	15	295	3.6
9.2	470	2.2	153.3	"	"	14100	26000	11	395	2.7
6.8	630	1.65	206.8	"	"	14100	26000	8.2	520	2.0
5.3	800	1.3	264.5	"	"	14100	26000	6.4	660	1.6
4.3	980	1.05	328.2	"	"	14100	26000	5.2	810	1.25
3.1	1290	0.89	465.1	BK50G10-../D08MA4	100	14100	26000	3.7	1080	1.05
2.8	1420	0.81	513.4	"	"	14100	26000	3.3	1210	0.95
6.9	760	3.0	205.0	BK60Z-../D08MA4	119	16600	34000	8.2	640	3.6
5.9	890	2.6	239.7	"	"	16600	34000	7.1	730	3.2
5.3	990	2.3	268.2	"	"	16600	34000	6.3	830	2.8
4.5	1160	2.0	317.7	"	"	16600	34000	5.3	990	2.3
4.0	1310	1.75	355.5	"	"	16600	34000	4.8	1090	2.1
3.5	1500	1.55	411.5	"	"	16600	34000	4.1	1280	1.8
3.1	1690	1.35	460.4	"	"	16600	34000	3.7	1410	1.65
2.9	1810	1.25	498.0	"	"	16600	34000	3.4	1540	1.5
2.6	2000	1.15	557.2	"	"	16600	34000	3.1	1690	1.35
2.3	2000	1.25	621.5	BK60G20-../D08MA4	126	16600	34000	2.8	1610	1.55
1.9	2400	1.05	752.1	"	"	16600	34000	2.3	1960	1.3
1.6	2900	0.86	887.8	"	"	16600	34000	1.9	2400	1.05
3.3	1590	3.3	432.1	BK70Z-../D08MA4	207	24100	50000	3.9	1340	3.9
2.8	1870	2.8	501.8	"	"	24100	50000	3.4	1540	3.4
2.5	2100	2.5	570.8	"	"	24100	50000	3.0	1750	3.0
2.2	2350	2.2	644.9	"	"	24100	50000	2.7	1940	2.7
2.0	2600	2.0	733.6	"	"	24100	50000	2.3	2250	2.3
1.7	2700	2.1	847.7	BK70G20-../D08MA4	205	24100	50000	2.0	2250	2.5
1.5	3050	1.85	964.6	"	"	24100	50000	1.8	2500	2.3
1.3	3600	1.6	1139	"	"	24100	50000	1.5	3050	1.85
1.1	4350	1.3	1280	"	"	24100	50000	1.4	3350	1.7
0.85	5700*	1.0	1696	"	"	24100	50000	1.0	5700*	1.0
0.7	5700*	1.0	2040	"	"	24100	50000	0.85	5700*	1.0
1.1	3750	3.1	1307	BK80G40-../D08MA4	347	30000	75000	1.3	3000	3.8
0.9	4600	2.5	1583	"	"	30000	75000	1.1	3550	3.2
0.8	5200	2.2	1775	"	"	30000	75000	0.95	4200	2.7
0.65	6600	1.75	2205	"	"	30000	75000	0.8	5100	2.3
0.5	9000	1.3	2811	"	"	30000	75000	0.6	7200	1.6
0.38	11500*	1.0	3776	"	"	30000	75000	0.45	11500*	1.0
0.55	7400	2.5	2764	BK90G50-../D08MA4	620	49400	120000	0.65	5900	3.1
0.46	9300	2.0	3065	"	"	49400	120000	0.55	7400	2.5
0.39	11300	1.65	3672	"	"	49400	120000	0.46	9300	2.0
0.35	12900	1.45	4070	"	"	49400	120000	0.42	10300	1.8
0.29	16000	1.15	4952	"	"	49400	120000	0.34	13300	1.4
0.26	18000	1.05	5491	"	"	49400	120000	0.31	14800	1.25
0.23	18500*	1.0	6335	"	"	49400	120000	0.27	18500*	1.0

P = 0.75 kW

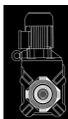
145	45	1.8	9.71	BK06-../D08LA4 #	17	880	-	174	37.5	2.1
120	54	1.5	11.67	"	"	930	-	144	45.5	1.75
92	70	1.15	15.29	"	"	1020	-	110	59	1.35
78	82	0.98	18.00	"	"	1080	-	94	68	1.2
65	99	0.81	21.54	"	"	1150	-	78	82	0.98
183	36	3.2	7.68	BK10-../D08LA4	29	2400	-	220	29.5	3.9
149	44	2.6	9.40	"	"	2700	-	179	36.5	3.2
118	55	2.1	11.93	"	"	3100	-	141	46.5	2.5
97	66	3.0	14.50	"	"	3900	-	116	55	3.6
83	77	1.75	16.92	"	"	3700	-	100	64	2.1
76	84	2.4	18.52	"	"	4300	-	91	70	2.9

P = 0.75 kW

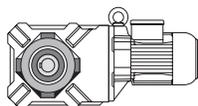


Danfoss

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
62	103	1.95	22.65	BK10-../D08LA4	29	4650	-	75	85	2.4
49	131	1.55	28.76	"	"	5200	-	59	109	1.85
41	157	1.25	34.25	"	"	5600	-	49.5	130	1.55
34.5	186	1.1	40.79	"	"	6000	-	41.5	155	1.3
29	215	0.93	48.96	"	"	6400	-	34.5	184	1.1
81	80	2.9	17.42	BK20-../D08LA4	38	3250	9000	97	67	3.4
73	88	3.8	19.39	"	"	4050	9000	87	74	4.5
58	111	3.0	24.29	"	"	4500	9000	70	92	3.6
49	131	2.5	28.66	"	"	4850	9000	59	109	3.0
38.5	167	2.0	36.69	"	"	5400	9000	46	140	2.4
33	195	1.7	42.70	"	"	5800	9000	39.5	163	2.0
27.5	230	1.45	51.22	"	"	6300	9000	33	193	1.7
23	275	1.2	61.30	"	"	6500	9000	27.5	230	1.45
18.5	340	0.97	76.79	"	"	7500	9000	22	285	1.15
16	385	0.86	88.12	"	"	8000	9000	19.5	315	1.05
42	153	2.9	33.70	BK30-../D08LA4	44	7000	12000	50	128	3.5
33	193	2.3	42.89	"	"	7800	12000	39.5	161	2.8
28	225	2.0	50.27	"	"	8300	12000	33.5	188	2.4
24	260	1.75	59.27	"	"	8900	12000	28.5	220	2.0
20	310	1.45	71.56	"	"	9700	12000	23.5	265	1.7
16	380	1.2	88.38	"	"	10600	12000	19.5	315	1.45
14	430	1.05	102.4	"	"	11200	12000	16.5	365	1.25
11.5	520	0.87	123.9	BK30Z-../D08LA4	47	11200	12000	14	430	1.05
23.5	265	2.9	59.66	BK40-../D08LA4	64	9100	17000	28.5	220	3.5
20	310	2.5	70.11	"	"	9800	17000	24	255	3.1
17	365	2.1	84.36	"	"	10700	17000	20	310	2.5
13.5	450	1.75	104.0	"	"	11700	17000	16.5	365	2.1
12	500	1.55	118.2	BK40Z-../D08LA4	69	11700	17000	14.5	415	1.9
9.8	610	1.3	143.0	"	"	11700	17000	12	500	1.55
8.3	710	1.1	169.0	"	"	11700	17000	10	590	1.3
6.7	870	0.9	211.5	"	"	11700	17000	8.0	730	1.05
19	325	3.2	75.40	BK50-../D08LA4	93	12600	26000	22.5	275	3.8
15	410	2.6	95.29	"	"	14100	26000	18	340	3.1
12.5	485	2.2	115.4	BK50Z-../D08LA4	98	14100	26000	15	405	2.6
9.2	640	1.65	153.3	"	"	14100	26000	11	540	1.95
6.8	860	1.2	206.8	"	"	14100	26000	8.2	710	1.5
5.3	1090	0.96	264.5	"	"	14100	26000	6.4	900	1.15
9.2	770	3.0	153.7	BK60Z-../D08LA4	120	16600	34000	11	650	3.5
7.7	930	2.5	183.2	"	"	16600	34000	9.2	770	3.0
6.9	1030	2.2	205.0	"	"	16600	34000	8.2	870	2.6
5.9	1210	1.9	239.7	"	"	16600	34000	7.1	1000	2.3
5.3	1350	1.7	268.2	"	"	16600	34000	6.3	1130	2.0
4.5	1590	1.45	317.7	"	"	16600	34000	5.3	1350	1.7
4.0	1790	1.3	355.5	"	"	16600	34000	4.8	1490	1.55
3.5	2000	1.15	411.5	"	"	16600	34000	4.1	1740	1.3
3.1	2300	1.0	460.4	"	"	16600	34000	3.7	1930	1.2
2.9	2450	0.94	498.0	"	"	16600	34000	3.4	2100	1.1
2.6	2750	0.84	557.2	"	"	16600	34000	3.1	2300	1.0
2.3	2850	0.88	621.5	BK60G20-../D08LA4	128	16600	34000	2.8	2250	1.1
4.2	1700	3.1	333.6	BK70Z-../D08LA4	209	24100	50000	5.1	1400	3.7
3.7	1930	2.7	379.9	"	"	24100	50000	4.5	1590	3.3
3.3	2150	2.4	432.1	"	"	24100	50000	3.9	1830	2.8
2.8	2550	2.0	501.8	"	"	24100	50000	3.4	2100	2.5
2.5	2850	1.8	570.8	"	"	24100	50000	3.0	2350	2.2
2.2	3250	1.6	644.9	"	"	24100	50000	2.7	2650	1.95
2.0	3550	1.45	733.6	"	"	24100	50000	2.3	3100	1.7
1.7	3850	1.5	847.7	BK70G20-../D08LA4	206	24100	50000	2.0	3200	1.8
1.5	4350	1.3	964.6	"	"	24100	50000	1.8	3550	1.6
1.3	5000	1.15	1139	"	"	24100	50000	1.5	4300	1.35
1.1	6100	0.93	1280	"	"	24100	50000	1.4	4700	1.2
1.0	6700	0.85	1457	"	"	24100	50000	1.2	5500	1.05



P = 0.75 kW



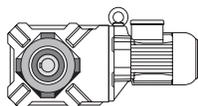
Danfoss

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
1.5	3850	3.0	963.0	BK80G40-../D08LA4	348	30000	75000	1.8	3050	3.8
1.3	4450	2.6	1079	"	"	30000	75000	1.6	3450	3.3
1.1	5400	2.1	1307	"	"	30000	75000	1.3	4450	2.6
0.9	6700	1.7	1583	"	"	30000	75000	1.1	5200	2.2
0.8	7600	1.5	1775	"	"	30000	75000	0.95	6200	1.85
0.65	9600	1.2	2205	"	"	30000	75000	0.8	7500	1.55
0.5	11500*	1.0	2811	"	"	30000	75000	0.6	11500*	1.0
0.45	11500*	1.0	3120	"	"	30000	75000	0.55	11500*	1.0
0.9	6400	2.9	1579	BK90G50-../D08LA4	621	49400	120000	1.1	5000	3.7
0.8	7200	2.6	1803	"	"	49400	120000	0.95	5800	3.2
0.7	8300	2.2	2016	"	"	49400	120000	0.85	6500	2.8
0.55	10900	1.7	2764	"	"	49400	120000	0.65	8900	2.1
0.46	13400	1.4	3065	"	"	49400	120000	0.55	10900	1.7
0.39	16200	1.15	3672	"	"	49400	120000	0.46	13400	1.4
0.35	18300	1.0	4070	"	"	49400	120000	0.42	14900	1.25
0.29	18500*	1.0	4952	"	"	49400	120000	0.34	18500*	1.0

P = 1.1 kW

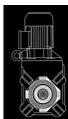
235	41	2.6	6.02	BK10-../D09SA4	32	2100	-	280	34.5	3.0
183	52	2.2	7.68	"	"	2400	-	220	43.5	2.6
149	64	1.8	9.40	"	"	2700	-	179	53	2.2
118	81	1.4	11.93	"	"	3100	-	141	68	1.7
97	97	2.1	14.50	"	"	3900	-	116	81	2.5
83	113	1.2	16.92	"	"	3700	-	100	94	1.45
76	124	1.6	18.52	"	"	4300	-	91	103	1.95
62	152	1.3	22.65	"	"	4650	-	75	126	1.6
49	192	1.05	28.76	"	"	5200	-	59	160	1.25
41	230	0.87	34.25	"	"	5600	-	49.5	191	1.05
120	80	2.9	11.69	BK20-../D09SA4	42	2400	8800	144	67	3.4
95	99	3.3	14.75	"	"	3650	9000	114	82	4.0
81	118	1.95	17.42	"	"	3250	9000	97	98	2.4
73	129	2.6	19.39	"	"	4050	9000	87	108	3.1
58	163	2.0	24.29	"	"	4500	9000	70	135	2.4
49	192	1.7	28.66	"	"	4850	9000	59	160	2.1
38.5	245	1.35	36.69	"	"	5400	9000	46	205	1.6
33	285	1.15	42.70	"	"	5800	9000	39.5	235	1.4
27.5	335	0.99	51.22	"	"	6300	9000	33	280	1.2
23	405	0.81	61.30	"	"	6500	9000	27.5	335	0.99
68	140	2.3	20.85	BK30-../D09SA4	48	5000	12000	81	118	2.7
61	154	2.9	23.20	"	"	5900	12000	73	129	3.5
49	192	2.3	28.76	"	"	6500	12000	59	160	2.8
42	225	2.0	33.70	"	"	7000	12000	50	189	2.4
33	280	1.6	42.89	"	"	7800	12000	39.5	235	1.9
28	330	1.35	50.27	"	"	8300	12000	33.5	275	1.65
24	385	1.15	59.27	"	"	8900	12000	28.5	320	1.4
20	455	0.99	71.56	"	"	9700	12000	23.5	385	1.15
16	560	0.8	88.38	"	"	10600	12000	19.5	460	0.98
34.5	270	2.9	40.88	BK40-../D09SA4	68	7600	17000	41.5	225	3.5
27.5	335	2.3	51.18	"	"	8400	17000	33	280	2.8
23.5	390	2.0	59.66	"	"	9100	17000	28.5	320	2.4
20	455	1.7	70.11	"	"	9800	17000	24	380	2.1
17	530	1.45	84.36	"	"	10700	17000	20	455	1.7
13.5	660	1.2	104.0	"	"	11700	17000	16.5	540	1.45
12	740	1.05	118.2	BK40Z-../D09SA4	73	11700	17000	14.5	610	1.3
9.8	900	0.87	143.0	"	"	11700	17000	12	730	1.05
29.5	315	3.3	47.50	BK50-../D09SA4	97	10100	25700	35.5	260	4.0
23.5	390	2.7	60.76	"	"	11400	26000	28	330	3.2
19	480	2.2	75.40	"	"	12600	26000	22.5	405	2.6
15	600	1.75	95.29	"	"	14100	26000	18	500	2.1
12.5	710	1.5	115.4	BK50Z-../D09SA4	101	14100	26000	15	590	1.8

P = 1.1 kW



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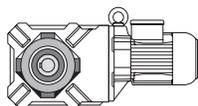
50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
9.2	940	1.1	153.3	BK50Z-../D09SA4	101	14100	26000	11	790	1.35
6.8	1260	0.83	206.8	"	"	14100	26000	8.2	1050	1.0
14	750	3.1	101.2	BK60-../D09SA4	105	13900	34000	17	610	3.8
12.5	840	2.7	113.2	"	"	15000	34000	15	700	3.3
11.5	910	2.5	122.5	"	"	15500	34000	14	750	3.1
10.5	1000	2.3	137.0	"	"	16600	34000	12.5	840	2.7
9.2	1140	2.0	153.7	BK60Z-../D09SA4	124	16600	34000	11	950	2.4
7.7	1360	1.7	183.2	"	"	16600	34000	9.2	1140	2.0
6.9	1520	1.5	205.0	"	"	16600	34000	8.2	1280	1.8
5.9	1780	1.3	239.7	"	"	16600	34000	7.1	1470	1.55
5.3	1980	1.15	268.2	"	"	16600	34000	6.3	1660	1.4
4.5	2300	1.0	317.7	"	"	16600	34000	5.3	1980	1.15
4.0	2600	0.88	355.5	"	"	16600	34000	4.8	2150	1.05
6.2	1690	3.1	226.2	BK70Z-../D09SA4	212	24100	50000	7.5	1400	3.7
5.5	1910	2.7	257.3	"	"	24100	50000	6.6	1590	3.3
4.8	2150	2.4	293.3	"	"	24100	50000	5.8	1810	2.9
4.2	2500	2.1	333.6	"	"	24100	50000	5.1	2050	2.5
3.7	2800	1.85	379.9	"	"	24100	50000	4.5	2300	2.3
3.3	3150	1.65	432.1	"	"	24100	50000	3.9	2650	1.95
2.8	3750	1.4	501.8	"	"	24100	50000	3.4	3050	1.7
2.5	4200	1.25	570.8	"	"	24100	50000	3.0	3500	1.5
2.2	4750	1.1	644.9	"	"	24100	50000	2.7	3850	1.35
2.0	5200	1.0	733.6	"	"	24100	50000	2.3	4550	1.15
1.7	5800	0.98	847.7	BK70G20-../D09SA4	210	24100	50000	2.0	4850	1.2
1.5	6500	0.88	964.6	"	"	24100	50000	1.8	5400	1.05
2.9	3600	3.2	499.5	BK80Z-../D09SA4	341	30000	75000	3.4	3050	3.8
2.6	4000	2.9	559.5	"	"	30000	75000	3.1	3350	3.4
2.4	3600	3.2	607.8	BK80G40-../D09SA4	352	30000	75000	2.8	3000	3.8
2.1	4150	2.8	680.9	"	"	30000	75000	2.5	3350	3.4
1.7	5200	2.2	847.2	"	"	30000	75000	2.0	4300	2.7
1.5	6100	1.9	963.0	"	"	30000	75000	1.8	4900	2.3
1.3	7000	1.65	1079	"	"	30000	75000	1.6	5500	2.1
1.1	8500	1.35	1307	"	"	30000	75000	1.3	7000	1.65
0.9	10400	1.1	1583	"	"	30000	75000	1.1	8300	1.4
0.8	11500*	1.0	1775	"	"	30000	75000	0.95	11500*	1.0
1.4	6100	3.0	1008	BK90G50-../D09SA4	625	49400	120000	1.7	4800	3.9
1.1	8300	2.2	1363	"	"	49400	120000	1.3	6800	2.7
0.9	10100	1.85	1579	"	"	49400	120000	1.1	8000	2.3
0.8	11400	1.6	1803	"	"	49400	120000	0.95	9300	2.0
0.7	13000	1.4	2016	"	"	49400	120000	0.85	10400	1.8
0.55	16900	1.1	2764	"	"	49400	120000	0.65	14000	1.3
0.46	18500*	1.0	3065	"	"	49400	120000	0.55	18500*	1.0



P = 1.5 kW

235	56	1.9	6.02	BK10-../D09LA4	36	2100	-	280	47	2.2
183	72	1.6	7.68	"	"	2400	-	220	59	1.95
149	88	1.3	9.40	"	"	2700	-	179	73	1.6
118	111	1.05	11.93	"	"	3100	-	141	93	1.25
97	132	1.5	14.50	"	"	3900	-	116	111	1.8
83	155	0.88	16.92	"	"	3700	-	100	128	1.05
76	169	1.2	18.52	"	"	4300	-	91	141	1.4
62	205	0.98	22.65	"	"	4650	-	75	171	1.15
177	74	3.1	7.91	BK20-../D09LA4	46	1330	7600	215	61	3.8
142	92	2.5	9.91	"	"	1910	8300	170	77	3.0
120	109	2.1	11.69	"	"	2400	8800	144	91	2.5
95	135	2.4	14.75	"	"	3650	9000	114	113	2.9
81	160	1.45	17.42	"	"	3250	9000	97	134	1.7
73	176	1.9	19.39	"	"	4050	9000	87	148	2.2
58	220	1.5	24.29	"	"	4500	9000	70	184	1.8
49	260	1.25	28.66	"	"	4850	9000	59	215	1.55

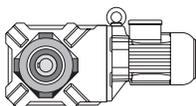
P = 1.5 kW



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50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
38.5	330	1.0	36.69	BK20-../D09LA4	46	5400	9000	46	280	1.2
33	390	0.85	42.70	"	"	5800	9000	39.5	325	1.0
118	111	2.9	11.93	BK30-../D09LA4	52	3650	12000	141	93	3.4
101	129	2.5	13.98	"	"	4050	12000	121	107	3.0
97	132	3.4	14.50	"	"	4900	12000	116	111	4.1
78	165	2.7	17.95	"	"	5300	12000	94	137	3.3
68	191	1.7	20.85	"	"	5000	12000	81	160	2.0
61	210	2.1	23.20	"	"	5900	12000	73	176	2.6
49	260	1.75	28.76	"	"	6500	12000	59	215	2.1
42	305	1.5	33.70	"	"	7000	12000	50	255	1.75
33	385	1.15	42.89	"	"	7800	12000	39.5	320	1.4
28	450	1.0	50.27	"	"	8300	12000	33.5	375	1.2
24	520	0.87	59.27	"	"	8900	12000	28.5	440	1.0
49	260	3.0	28.59	BK40-../D09LA4	72	6300	17000	59	215	3.6
40.5	315	2.5	34.61	"	"	6900	17000	49	260	3.0
34.5	370	2.1	40.88	"	"	7600	17000	41.5	310	2.5
27.5	455	1.7	51.18	"	"	8400	17000	33	380	2.1
23.5	530	1.45	59.66	"	"	9100	17000	28.5	440	1.75
20	620	1.25	70.11	"	"	9800	17000	24	510	1.55
17	730	1.05	84.36	"	"	10700	17000	20	620	1.25
13.5	900	0.87	104.0	"	"	11700	17000	16.5	730	1.05
40	320	3.3	35.21	BK50-../D09LA4	101	8700	23100	48	265	4.0
29.5	430	2.4	47.50	"	"	10100	25700	35.5	355	3.0
23.5	530	2.0	60.76	"	"	11400	26000	28	450	2.3
19	650	1.6	75.40	"	"	12600	26000	22.5	550	1.9
15	820	1.3	95.29	"	"	14100	26000	18	680	1.55
12.5	970	1.1	115.4	BK50Z-../D09LA4	105	14100	26000	15	810	1.3
9.2	1290	0.81	153.3	"	"	14100	26000	11	1080	0.97
18	790	2.9	78.13	BK60-../D09LA4	109	11900	34000	22	650	3.5
16.5	860	2.7	87.41	"	"	12900	34000	19.5	730	3.2
14	1020	2.3	101.2	"	"	13900	34000	17	840	2.7
12.5	1140	2.0	113.2	"	"	15000	34000	15	950	2.4
11.5	1240	1.85	122.5	"	"	15500	34000	14	1020	2.3
10.5	1360	1.7	137.0	"	"	16600	34000	12.5	1140	2.0
9.2	1550	1.5	153.7	BK60Z-../D09LA4	128	16600	34000	11	1300	1.75
7.7	1860	1.25	183.2	"	"	16600	34000	9.2	1550	1.5
6.9	2050	1.1	205.0	"	"	16600	34000	8.2	1740	1.3
5.9	2400	0.96	239.7	"	"	16600	34000	7.1	2000	1.15
5.3	2700	0.85	268.2	"	"	16600	34000	6.3	2250	1.0
9.1	1570	3.3	154.4	BK70-../D09LA4	195	21900	50000	11	1300	4.0
8.0	1790	2.9	175.7	"	"	24100	50000	9.6	1490	3.5
7.4	1930	2.7	190.4	BK70Z-../D09LA4	216	24100	50000	8.9	1600	3.3
6.2	2300	2.3	226.2	"	"	24100	50000	7.5	1910	2.7
5.5	2600	2.0	257.3	"	"	24100	50000	6.6	2150	2.4
4.8	2950	1.75	293.3	"	"	24100	50000	5.8	2450	2.1
4.2	3400	1.55	333.6	"	"	24100	50000	5.1	2800	1.85
3.7	3850	1.35	379.9	"	"	24100	50000	4.5	3150	1.65
3.3	4300	1.2	432.1	"	"	24100	50000	3.9	3650	1.4
2.8	5100	1.0	501.8	"	"	24100	50000	3.4	4200	1.25
2.5	5700	0.91	570.8	"	"	24100	50000	3.0	4750	1.1
2.2	6500	0.8	644.9	"	"	24100	50000	2.7	5300	0.98
3.6	3950	2.9	389.0	BK80Z-../D09LA4	345	30000	75000	4.4	3250	3.5
3.3	4300	2.7	435.7	"	"	30000	75000	3.9	3650	3.2
2.9	4900	2.3	499.5	"	"	30000	75000	3.4	4200	2.7
2.6	5500	2.1	559.5	"	"	30000	75000	3.1	4600	2.5
2.4	5200	2.2	607.8	BK80G40-../D09LA4	356	30000	75000	2.8	4350	2.6
2.1	5900	1.95	680.9	"	"	30000	75000	2.5	4850	2.4
1.7	7500	1.55	847.2	"	"	30000	75000	2.0	6200	1.85
1.5	8600	1.35	963.0	"	"	30000	75000	1.8	7000	1.65
1.3	10000	1.15	1079	"	"	30000	75000	1.6	7900	1.45
1.1	12000	0.96	1307	"	"	30000	75000	1.3	10000	1.15

P = 1.5 kW

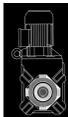


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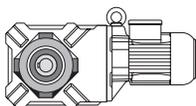
50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
1.0	13100	0.88	1425	BK80G40-../D09LA4	356	30000	75000	1.2	10700	1.05
2.2	6500	2.8	637.7	BK90Z-../D09LA4	618	49400	120000	2.7	5300	3.5
2.0	7100	2.6	713.5	"	"	49400	120000	2.4	5900	3.1
1.8	6600	2.8	821.0	BK90G50-../D09LA4	629	49400	120000	2.1	5400	3.4
1.6	7700	2.4	882.3	"	"	49400	120000	2.0	5900	3.1
1.4	8800	2.1	1008	"	"	49400	120000	1.7	7000	2.6
1.1	11800	1.55	1363	"	"	49400	120000	1.3	9800	1.9
0.9	14400	1.3	1579	"	"	49400	120000	1.1	11500	1.6
0.8	16100	1.15	1803	"	"	49400	120000	0.95	13300	1.4
0.7	18500*	1.0	2016	"	"	49400	120000	0.85	18500*	1.0

P = 2.2 kW

235	82	1.3	6.02	BK10-../D09XA4	40	2100	-	280	69	1.5
183	105	1.1	7.68	"	"	2400	-	220	87	1.3
149	129	0.89	9.40	"	"	2700	-	179	107	1.05
97	194	1.05	14.50	"	"	3900	-	116	163	1.25
76	245	0.82	18.52	"	"	4300	-	91	205	0.98
235	82	2.7	6.02	BK20-../D09XA4	50	580	6800	280	69	3.2
177	109	2.1	7.91	"	"	1330	7600	215	89	2.6
142	136	1.7	9.91	"	"	1910	8300	170	113	2.0
120	161	1.45	11.69	"	"	2400	8800	144	134	1.7
95	199	1.65	14.75	"	"	3650	9000	114	165	2.0
81	235	0.98	17.42	"	"	3250	9000	97	197	1.15
73	255	1.3	19.39	"	"	4050	9000	87	215	1.55
58	325	1.0	24.29	"	"	4500	9000	70	270	1.2
49	385	0.86	28.66	"	"	4850	9000	59	320	1.05
235	82	2.6	6.02	BK30-../D09XA4	56	1690	9600	280	69	3.1
188	102	2.6	7.45	"	"	2200	10400	230	84	3.2
146	132	2.4	9.63	"	"	3150	11500	175	110	2.9
118	163	1.95	11.93	"	"	3650	12000	141	137	2.3
101	189	1.7	13.98	"	"	4050	12000	121	158	2.0
97	194	2.3	14.50	"	"	4900	12000	116	163	2.8
78	240	1.9	17.95	"	"	5300	12000	94	200	2.3
68	280	1.15	20.85	"	"	5000	12000	81	235	1.35
61	305	1.5	23.20	"	"	5900	12000	73	255	1.75
49	385	1.15	28.76	"	"	6500	12000	59	320	1.4
42	450	1.0	33.70	"	"	7000	12000	50	375	1.2
33	560	0.8	42.89	"	"	7800	12000	39.5	470	0.96
119	162	3.0	11.86	BK40-../D09XA4	76	1770	12200	142	136	3.6
97	194	4.0	14.50	"	"	4500	14300	116	163	4.8
78	240	3.3	18.05	"	"	4900	15300	94	200	3.9
63	300	2.6	22.44	"	"	5500	16500	75	250	3.1
49	385	2.0	28.59	"	"	6300	17000	59	320	2.4
40.5	465	1.7	34.61	"	"	6900	17000	49	385	2.0
34.5	540	1.45	40.88	"	"	7600	17000	41.5	455	1.7
27.5	670	1.15	51.18	"	"	8400	17000	33	560	1.4
23.5	780	1.0	59.66	"	"	9100	17000	28.5	640	1.2
20	910	0.86	70.11	"	"	9800	17000	24	760	1.05
79	240	3.0	17.92	BK50-../D09XA4	105	4600	16800	94	200	3.6
73	255	4.1	19.33	"	"	6900	19200	87	215	4.9
53	355	3.0	26.51	"	"	7800	21200	64	295	3.6
40	470	2.2	35.21	"	"	8700	23100	48	390	2.7
29.5	630	1.65	47.50	"	"	10100	25700	35.5	520	2.0
23.5	780	1.35	60.76	"	"	11400	26000	28	660	1.6
19	960	1.1	75.40	"	"	12600	26000	22.5	810	1.3
15	1200	0.88	95.29	"	"	14100	26000	18	1000	1.05
28	750	3.1	50.40	BK60-../D09XA4	113	9100	29800	33.5	620	3.7
24	870	2.6	58.95	"	"	9900	31500	28.5	730	3.2
21.5	970	2.4	65.95	"	"	10900	33000	25.5	820	2.8



P = 2.2 kW



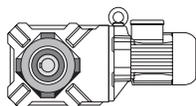
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50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
18	1160	2.0	78.13	BK60-../D09XA4	113	11900	34000	22	950	2.4
16.5	1270	1.8	87.41	"	"	12900	34000	19.5	1070	2.1
14	1500	1.55	101.2	"	"	13900	34000	17	1230	1.85
12.5	1680	1.35	113.2	"	"	15000	34000	15	1400	1.65
11.5	1820	1.25	122.5	"	"	15500	34000	14	1500	1.55
10.5	2000	1.15	137.0	"	"	16600	34000	12.5	1680	1.35
9.2	2250	1.0	153.7	BK60Z-../D09XA4	132	16600	34000	11	1910	1.2
7.7	2700	0.85	183.2	"	"	16600	34000	9.2	2250	1.0
12	1750	3.0	120.2	BK70-../D09XA4	199	18600	50000	14	1500	3.5
10.5	2000	2.6	136.7	"	"	20700	50000	12.5	1680	3.1
9.1	2300	2.3	154.4	"	"	21900	50000	11	1910	2.7
8.0	2600	2.0	175.7	"	"	24100	50000	9.6	2150	2.4
7.4	2800	1.85	190.4	BK70Z-../D09XA4	220	24100	50000	8.9	2350	2.2
6.2	3350	1.55	226.2	"	"	24100	50000	7.5	2800	1.85
5.5	3800	1.35	257.3	"	"	24100	50000	6.6	3150	1.65
4.8	4350	1.2	293.3	"	"	24100	50000	5.8	3600	1.45
4.2	5000	1.05	333.6	"	"	24100	50000	5.1	4100	1.25
3.7	5600	0.93	379.9	"	"	24100	50000	4.5	4650	1.1
3.3	6300	0.83	432.1	"	"	24100	50000	3.9	5300	0.98
5.6	3750	3.1	253.3	BK80Z-../D09XA4	349	30000	75000	6.7	3100	3.7
4.7	4450	2.6	300.6	"	"	30000	75000	5.6	3750	3.1
4.2	5000	2.3	336.7	"	"	30000	75000	5.0	4200	2.7
3.6	5800	2.0	389.0	"	"	30000	75000	4.4	4750	2.4
3.3	6300	1.85	435.7	"	"	30000	75000	3.9	5300	2.2
2.9	7200	1.6	499.5	"	"	30000	75000	3.4	6100	1.9
2.6	8000	1.45	559.5	"	"	30000	75000	3.1	6700	1.7
2.4	8000	1.45	607.8	BK80G40-../D09XA4	360	30000	75000	2.8	6700	1.7
2.1	9100	1.25	680.9	"	"	30000	75000	2.5	7500	1.55
1.7	11400	1.0	847.2	"	"	30000	75000	2.0	9500	1.2
1.5	13100	0.88	963.0	"	"	30000	75000	1.8	10700	1.05
3.6	5800	3.2	389.1	BK90Z-../D09XA4	622	49400	120000	4.4	4750	3.9
3.3	6300	2.9	435.3	"	"	49400	120000	3.9	5300	3.5
2.9	7200	2.6	499.2	"	"	49400	120000	3.4	6100	3.0
2.6	8000	2.3	558.5	"	"	49400	120000	3.1	6700	2.8
2.2	9500	1.95	637.7	"	"	49400	120000	2.7	7700	2.4
2.0	10500	1.75	713.5	"	"	49400	120000	2.4	8700	2.1
1.8	10300	1.8	821.0	BK90G50-../D09XA4	633	49400	120000	2.1	8600	2.2
1.6	11900	1.55	882.3	"	"	49400	120000	2.0	9300	2.0
1.4	13600	1.35	1008	"	"	49400	120000	1.7	11000	1.7
1.1	17800	1.05	1363	"	"	49400	120000	1.3	14900	1.25
0.9	18500*	1.0	1579	"	"	49400	120000	1.1	18500*	1.0

P = 3.0 kW

240	109	4.3	6.02	BK40-../D11SA4	84	470	9800	285	92	5.2
190	138	3.6	7.49	"	"	750	10500	230	114	4.3
153	172	2.9	9.31	"	"	1040	11200	184	143	3.4
120	215	2.3	11.86	"	"	1770	12200	145	181	2.7
98	260	3.0	14.50	"	"	4500	14300	118	215	3.6
79	325	2.4	18.05	"	"	4900	15300	95	270	2.9
64	400	1.95	22.44	"	"	5500	16500	77	330	2.4
50	510	1.55	28.59	"	"	6300	17000	60	425	1.85
41.5	620	1.25	34.61	"	"	6900	17000	49.5	520	1.5
35	730	1.05	40.88	"	"	7600	17000	42	610	1.3
80	325	2.2	17.92	BK50-../D11SA4	114	4600	16800	96	270	2.7
74	345	3.0	19.33	"	"	6900	19200	89	285	3.7
54	475	2.2	26.51	"	"	7800	21200	65	395	2.7
40.5	630	1.65	35.21	"	"	8700	23100	49	520	2.0
30	840	1.25	47.50	"	"	10100	25700	36	700	1.5
23.5	1070	0.98	60.76	"	"	11400	26000	28.5	880	1.2
19	1310	0.8	75.40	"	"	12600	26000	23	1080	0.97

P = 3.0 kW

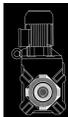


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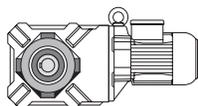
50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
38	750	3.1	37.80	BK60-../D11SA4	124	7300	26500	45.5	620	3.7
32	890	2.6	45.05	"	"	8200	28300	38	750	3.1
28.5	1000	2.3	50.40	"	"	9100	29800	34	840	2.7
24.5	1160	2.0	58.95	"	"	9900	31500	29.5	970	2.4
22	1300	1.75	65.95	"	"	10900	33000	26	1100	2.1
18.5	1540	1.5	78.13	"	"	11900	34000	22	1300	1.75
16.5	1730	1.35	87.41	"	"	12900	34000	20	1430	1.6
14.5	1970	1.15	101.2	"	"	13900	34000	17	1680	1.35
13	2200	1.05	113.2	"	"	15000	34000	15.5	1840	1.25
12	2350	0.98	122.5	"	"	15500	34000	14	2000	1.15
10.5	2700	0.85	137.0	"	"	16600	34000	12.5	2250	1.0
18	1590	3.3	79.89	BK70-../D11SA4	203	14300	47600	21.5	1330	3.9
16	1790	2.9	90.96	"	"	15300	49900	19	1500	3.5
14	2000	2.6	103.5	"	"	17200	50000	17	1680	3.1
12	2350	2.2	120.2	"	"	18600	50000	14.5	1970	2.6
10.5	2700	1.95	136.7	"	"	20700	50000	13	2200	2.4
9.2	3100	1.7	154.4	"	"	21900	50000	11.5	2450	2.1
8.1	3500	1.5	175.7	"	"	24100	50000	9.8	2900	1.8
7.5	3800	1.35	190.4	BK70Z-../D11SA4	230	24100	50000	9.0	3150	1.65
6.3	4500	1.15	226.2	"	"	24100	50000	7.6	3750	1.4
5.6	5100	1.0	257.3	"	"	24100	50000	6.7	4250	1.2
4.9	5800	0.9	293.3	"	"	24100	50000	5.9	4850	1.05
8.3	3450	3.0	171.5	BK80-../D11SA4	318	30000	75000	10	2850	3.7
8.0	3550	3.2	177.6	BK80Z-../D11SA4	360	30000	75000	9.7	2950	3.9
7.2	3950	2.9	198.9	"	"	30000	75000	8.6	3300	3.5
6.3	4500	2.6	226.1	"	"	30000	75000	7.6	3750	3.1
5.7	5000	2.3	253.3	"	"	30000	75000	6.8	4200	2.7
4.8	5900	1.95	300.6	"	"	30000	75000	5.7	5000	2.3
4.3	6600	1.75	336.7	"	"	30000	75000	5.1	5600	2.1
3.7	7700	1.5	389.0	"	"	30000	75000	4.4	6500	1.75
3.3	8600	1.35	435.7	"	"	30000	75000	4.0	7100	1.6
2.9	9800	1.15	499.5	"	"	30000	75000	3.5	8100	1.4
2.6	11000	1.05	559.5	"	"	30000	75000	3.1	9200	1.25
2.4	11100	1.05	607.8	BK80G40-../D11SA4	368	30000	75000	2.9	9100	1.25
2.1	12800	0.9	680.9	"	"	30000	75000	2.6	10100	1.15
1.9	14200	0.81	756.3	"	"	30000	75000	2.3	11600	0.99
4.9	5800	3.2	295.6	BK90Z-../D11SA4	626	49400	120000	5.8	4900	3.8
4.3	6600	2.8	330.7	"	"	49400	120000	5.2	5500	3.4
3.7	7700	2.4	389.1	"	"	49400	120000	4.4	6500	2.8
3.3	8600	2.2	435.3	"	"	49400	120000	4.0	7100	2.6
2.9	9800	1.9	499.2	"	"	49400	120000	3.5	8100	2.3
2.6	11000	1.7	558.5	"	"	49400	120000	3.1	9200	2.0
2.3	12400	1.5	637.7	"	"	49400	120000	2.7	10600	1.75
2.0	14300	1.3	713.5	"	"	49400	120000	2.4	11900	1.55
1.8	14500	1.3	821.0	BK90G50-../D11SA4	642	49400	120000	2.1	12300	1.5
1.5	17700	1.05	1008	"	"	49400	120000	1.7	15500	1.2
1.3	20500	0.9	1127	"	"	49400	120000	1.6	16300	1.15

P = 4.0 kW

240	146	3.2	6.02	BK40-../D11MA4	90	470	9800	285	123	3.9
190	184	2.7	7.49	"	"	750	10500	230	152	3.2
153	225	2.2	9.31	"	"	1040	11200	184	191	2.6
120	290	1.7	11.86	"	"	1770	12200	145	240	2.1
98	350	2.2	14.50	"	"	4500	14300	118	290	2.7
79	435	1.8	18.05	"	"	4900	15300	95	360	2.2
64	530	1.45	22.44	"	"	5500	16500	77	445	1.75
50	680	1.15	28.59	"	"	6300	17000	60	570	1.35
41.5	820	0.95	34.61	"	"	6900	17000	49.5	690	1.15
35	980	0.8	40.88	"	"	7600	17000	42	810	0.96
142	245	3.3	10.00	BK50-../D11MA4	120	1220	13200	171	205	4.0



P = 4.0 kW



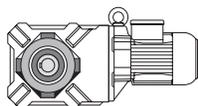
Danfoss

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
102	335	3.1	13.95	BK50-../D11MA4	120	6100	17400	123	275	3.8
80	430	1.7	17.92	"	"	4600	16800	96	360	2.0
74	460	2.3	19.33	"	"	6900	19200	89	385	2.7
54	630	1.65	26.51	"	"	7800	21200	65	520	2.0
40.5	840	1.25	35.21	"	"	8700	23100	49	700	1.5
30	1130	0.93	47.50	"	"	10100	25700	36	940	1.1
52	730	3.2	27.36	BK60-../D11MA4	130	5600	23200	63	600	3.8
42.5	890	2.6	33.78	"	"	6500	25200	51	740	3.1
38	1000	2.3	37.80	"	"	7300	26500	45.5	830	2.8
32	1190	1.95	45.05	"	"	8200	28300	38	1000	2.3
28.5	1340	1.7	50.40	"	"	9100	29800	34	1120	2.1
24.5	1550	1.5	58.95	"	"	9900	31500	29.5	1290	1.8
22	1730	1.35	65.95	"	"	10900	33000	26	1460	1.6
18.5	2050	1.1	78.13	"	"	11900	34000	22	1730	1.35
16.5	2300	1.0	87.41	"	"	12900	34000	20	1910	1.2
14.5	2600	0.88	101.2	"	"	13900	34000	17	2200	1.05
23.5	1620	3.2	61.60	BK70-../D11MA4	209	11500	42800	28	1360	3.8
20.5	1860	2.8	70.23	"	"	12500	44800	24.5	1550	3.4
18	2100	2.5	79.89	"	"	14300	47600	21.5	1770	2.9
16	2350	2.2	90.96	"	"	15300	49900	19	2000	2.6
14	2700	1.95	103.5	"	"	17200	50000	17	2200	2.4
12	3150	1.65	120.2	"	"	18600	50000	14.5	2600	2.0
10.5	3600	1.45	136.7	"	"	20700	50000	13	2900	1.8
9.2	4150	1.25	154.4	"	"	21900	50000	11.5	3300	1.6
8.1	4700	1.1	175.7	"	"	24100	50000	9.8	3850	1.35
7.5	5000	1.05	190.4	BK70Z-../D11MA4	236	24100	50000	9.0	4200	1.25
6.3	6000	0.87	226.2	"	"	24100	50000	7.6	5000	1.05
11	3450	3.0	131.6	BK80-../D11MA4	324	24900	75000	13	2900	3.6
9.3	4100	2.6	153.1	"	"	27200	75000	11.5	3300	3.2
8.3	4600	2.3	171.5	"	"	30000	75000	10	3800	2.8
8.0	4750	2.4	177.6	BK80Z-../D11MA4	366	30000	75000	9.7	3900	2.9
7.2	5300	2.2	198.9	"	"	30000	75000	8.6	4400	2.6
6.3	6000	1.9	226.1	"	"	30000	75000	7.6	5000	2.3
5.7	6700	1.7	253.3	"	"	30000	75000	6.8	5600	2.1
4.8	7900	1.45	300.6	"	"	30000	75000	5.7	6700	1.7
4.3	8800	1.3	336.7	"	"	30000	75000	5.1	7400	1.55
3.7	10300	1.1	389.0	"	"	30000	75000	4.4	8600	1.35
3.3	11500	1.0	435.7	"	"	30000	75000	4.0	9500	1.2
2.9	13100	0.88	499.5	"	"	30000	75000	3.5	10900	1.05
6.1	6200	3.0	234.6	BK90Z-../D11MA4	632	49400	120000	7.3	5200	3.6
5.5	6900	2.7	262.5	"	"	49400	120000	6.6	5700	3.2
4.9	7700	2.4	295.6	"	"	49400	120000	5.8	6500	2.8
4.3	8800	2.1	330.7	"	"	49400	120000	5.2	7300	2.5
3.7	10300	1.8	389.1	"	"	49400	120000	4.4	8600	2.2
3.3	11500	1.6	435.3	"	"	49400	120000	4.0	9500	1.95
2.9	13100	1.4	499.2	"	"	49400	120000	3.5	10900	1.7
2.6	14600	1.25	558.5	"	"	49400	120000	3.1	12300	1.5
2.3	16600	1.1	637.7	"	"	49400	120000	2.7	14100	1.3
2.0	19100	0.97	713.5	"	"	49400	120000	2.4	15900	1.15
1.8	19800	0.93	821.0	BK90G50-../D11MA4	648	49400	120000	2.1	16800	1.1
1.7	21200	0.87	882.3	"	"	49400	120000	2.0	17900	1.05

P = 5.5 kW

240	200	2.4	6.02	BK40-../D11LA4	102	470	9800	285	169	2.8
190	250	1.95	7.49	"	"	750	10500	230	210	2.3
153	315	1.55	9.31	"	"	1040	11200	184	260	1.9
120	400	1.25	11.86	"	"	1770	12200	145	330	1.5
98	480	1.65	14.50	"	"	4500	14300	118	400	1.95
79	590	1.3	18.05	"	"	4900	15300	95	495	1.6
64	730	1.05	22.44	"	"	5500	16500	77	610	1.3
50	940	0.83	28.59	"	"	6300	17000	60	780	1.0

P = 5.5 kW



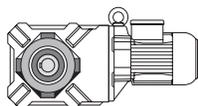
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50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
195	245	3.3	7.29	BK50-../D11LA4	132	620	11900	235	205	4.0
142	340	2.4	10.00	"	"	1220	13200	171	280	2.9
102	460	2.3	13.95	"	"	6100	17400	123	380	2.8
80	590	1.25	17.92	"	"	4600	16800	96	495	1.45
74	630	1.65	19.33	"	"	6900	19200	89	530	2.0
54	870	1.2	26.51	"	"	7800	21200	65	720	1.45
40.5	1160	0.91	35.21	"	"	8700	23100	49	960	1.1
78	670	3.3	18.36	BK60-../D11LA4	142	4000	19900	94	550	4.0
70	750	3.0	20.54	"	"	4400	20600	84	620	3.6
59	890	2.6	24.45	"	"	4850	22000	70	750	3.1
52	1010	2.3	27.36	"	"	5600	23200	63	830	2.8
42.5	1230	1.85	33.78	"	"	6500	25200	51	1020	2.3
38	1380	1.65	37.80	"	"	7300	26500	45.5	1150	2.0
32	1640	1.4	45.05	"	"	8200	28300	38	1380	1.65
28.5	1840	1.25	50.40	"	"	9100	29800	34	1540	1.5
24.5	2100	1.1	58.95	"	"	9900	31500	29.5	1780	1.3
22	2350	0.98	65.95	"	"	10900	33000	26	2000	1.15
18.5	2800	0.82	78.13	"	"	11900	34000	22	2350	0.98
35.5	1470	3.3	40.08	BK70-../D11LA4	221	8300	36300	43	1220	4.0
31.5	1660	3.1	45.59	"	"	9000	37900	38	1380	3.7
26.5	1980	2.6	54.15	"	"	9900	40200	32	1640	3.2
23.5	2200	2.4	61.60	"	"	11500	42800	28	1870	2.8
20.5	2550	2.0	70.23	"	"	12500	44800	24.5	2100	2.5
18	2900	1.8	79.89	"	"	14300	47600	21.5	2400	2.2
16	3250	1.6	90.96	"	"	15300	49900	19	2750	1.9
14	3750	1.4	103.5	"	"	17200	50000	17	3050	1.7
12	4350	1.2	120.2	"	"	18600	50000	14.5	3600	1.45
10.5	5000	1.05	136.7	"	"	20700	50000	13	4000	1.3
9.2	5700	0.91	154.4	"	"	21900	50000	11.5	4550	1.15
8.1	6400	0.81	175.7	"	"	24100	50000	9.8	5300	0.98
16	3250	3.2	91.53	BK80-../D11LA4	336	18300	74200	19	2750	3.8
14	3750	2.8	102.5	"	"	20500	75000	17	3050	3.4
12.5	4200	2.5	117.5	"	"	22300	75000	15	3500	3.0
11	4750	2.2	131.6	"	"	24900	75000	13	4000	2.6
9.3	5600	1.9	153.1	"	"	27200	75000	11.5	4550	2.3
8.3	6300	1.65	171.5	"	"	30000	75000	10	5200	2.0
8.0	6500	1.75	177.6	BK80Z-../D11LA4	378	30000	75000	9.7	5400	2.1
7.2	7200	1.6	198.9	"	"	30000	75000	8.6	6100	1.9
6.3	8300	1.4	226.1	"	"	30000	75000	7.6	6900	1.65
5.7	9200	1.25	253.3	"	"	30000	75000	6.8	7700	1.5
4.8	10900	1.05	300.6	"	"	30000	75000	5.7	9200	1.25
4.3	12200	0.94	336.7	"	"	30000	75000	5.1	10200	1.15
3.7	14100	0.82	389.0	"	"	30000	75000	4.4	11900	0.97
8.2	6400	2.9	174.7	BK90Z-../D11LA4	643	49400	120000	9.8	5300	3.5
7.3	7100	2.6	195.4	"	"	49400	120000	8.8	5900	3.1
6.1	8600	2.2	234.6	"	"	49400	120000	7.3	7100	2.6
5.5	9500	1.95	262.5	"	"	49400	120000	6.6	7900	2.3
4.9	10700	1.75	295.6	"	"	49400	120000	5.8	9000	2.1
4.3	12200	1.5	330.7	"	"	49400	120000	5.2	10100	1.85
3.7	14100	1.3	389.1	"	"	49400	120000	4.4	11900	1.55
3.3	15900	1.15	435.3	"	"	49400	120000	4.0	13100	1.4
2.9	18100	1.0	499.2	"	"	49400	120000	3.5	15000	1.25
2.6	20200	0.92	558.5	"	"	49400	120000	3.1	16900	1.1
2.3	22800	0.81	637.7	"	"	49400	120000	2.7	19400	0.95

P = 7.5 kW

270	240	3.4	5.26	BK50-../D13MA4	143	130	10700	330	199	4.1
195	335	2.4	7.29	"	"	620	11900	235	280	2.9
142	460	1.75	10.00	"	"	1220	13200	171	385	2.1
102	630	1.65	13.95	"	"	6100	17400	123	520	2.0
80	810	0.9	17.92	"	"	4600	16800	96	670	1.1

P = 7.5 kW



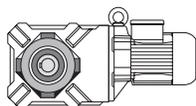
Danfoss

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
74	870	1.2	19.33	BK50-../D13MA4	143	6900	19200	89	720	1.45
54	1190	0.88	26.51	"	"	7800	21200	65	990	1.05
132	540	3.1	10.82	BK60-../D13MA4	155	3200	17000	159	450	3.7
99	720	2.7	14.41	"	"	3650	18600	119	600	3.2
78	910	2.4	18.36	"	"	4000	19900	94	760	2.9
70	1020	2.2	20.54	"	"	4400	20600	84	850	2.6
59	1210	1.9	24.45	"	"	4850	22000	70	1020	2.3
52	1370	1.7	27.36	"	"	5600	23200	63	1130	2.0
42.5	1680	1.35	33.78	"	"	6500	25200	51	1400	1.65
38	1880	1.2	37.80	"	"	7300	26500	45.5	1570	1.45
32	2200	1.05	45.05	"	"	8200	28300	38	1880	1.2
28.5	2500	0.92	50.40	"	"	9100	29800	34	2100	1.1
46	1550	2.9	30.90	BK70-../D13MA4	234	7500	33600	56	1270	3.6
40.5	1760	2.7	35.15	"	"	8000	35000	49	1460	3.2
35.5	2000	2.4	40.08	"	"	8300	36300	43	1660	2.9
31.5	2250	2.3	45.59	"	"	9000	37900	38	1880	2.7
26.5	2700	1.95	54.15	"	"	9900	40200	32	2200	2.4
23.5	3000	1.75	61.60	"	"	11500	42800	28	2550	2.0
20.5	3450	1.5	70.23	"	"	12500	44800	24.5	2900	1.8
18	3950	1.3	79.89	"	"	14300	47600	21.5	3300	1.6
16	4450	1.15	90.96	"	"	15300	49900	19	3750	1.4
14	5100	1.0	103.5	"	"	17200	50000	17	4200	1.25
12	5900	0.88	120.2	"	"	18600	50000	14.5	4900	1.05
27	2650	3.3	53.21	BK80-../D13MA4	348	14800	63100	32.5	2200	4.0
24	2950	3.1	59.60	"	"	15700	65500	29	2450	3.8
20.5	3450	2.8	70.72	"	"	16600	68700	24.5	2900	3.3
18	3950	2.5	79.22	"	"	17600	71300	22	3250	3.1
16	4450	2.3	91.53	"	"	18300	74200	19	3750	2.8
14	5100	2.1	102.5	"	"	20500	75000	17	4200	2.5
12.5	5700	1.85	117.5	"	"	22300	75000	15	4750	2.2
11	6500	1.6	131.6	"	"	24900	75000	13	5500	1.9
9.3	7700	1.35	153.1	"	"	27200	75000	11.5	6200	1.7
8.3	8600	1.2	171.5	"	"	30000	75000	10	7100	1.5
8.0	8900	1.3	177.6	BK80Z-../D13MA4	391	30000	75000	9.7	7300	1.6
7.2	9900	1.15	198.9	"	"	30000	75000	8.6	8300	1.4
6.3	11300	1.0	226.1	"	"	30000	75000	7.6	9400	1.2
5.7	12500	0.92	253.3	"	"	30000	75000	6.8	10500	1.1
14	5100	3.3	102.0	BK90-../D13MA4	600	36600	107000	17	4200	4.0
12.5	5700	2.9	117.0	"	"	39200	113000	15	4750	3.5
11	6500	2.6	130.9	"	"	42700	119400	13.5	5300	3.2
9.5	7500	2.2	149.5	"	"	45600	120000	11.5	6200	2.7
8.5	8400	2.0	167.2	"	"	49400	120000	10.5	6800	2.5
8.2	8700	2.1	174.7	BK90Z-../D13MA4	656	49400	120000	9.8	7300	2.5
7.3	9800	1.9	195.4	"	"	49400	120000	8.8	8100	2.3
6.1	11700	1.6	234.6	"	"	49400	120000	7.3	9800	1.9
5.5	13000	1.4	262.5	"	"	49400	120000	6.6	10800	1.7
4.9	14600	1.25	295.6	"	"	49400	120000	5.8	12300	1.5
4.3	16600	1.1	330.7	"	"	49400	120000	5.2	13700	1.35
3.7	19300	0.96	389.1	"	"	49400	120000	4.4	16200	1.15
3.3	21700	0.85	435.3	"	"	49400	120000	4.0	17900	1.05

P = 9.5 kW

270	305	2.7	5.26	BK50-../D13LA4	146	130	10700	330	250	3.2
195	425	1.9	7.29	"	"	620	11900	235	355	2.3
142	580	1.4	10.00	"	"	1220	13200	171	485	1.65
102	800	1.3	13.95	"	"	6100	17400	123	660	1.6
74	1100	0.95	19.33	"	"	6900	19200	89	910	1.15
132	680	2.5	10.82	BK60-../D13LA4	158	3200	17000	159	570	2.9
99	910	2.1	14.41	"	"	3650	18600	119	760	2.5
78	1160	1.9	18.36	"	"	4000	19900	94	960	2.3

P = 9.5 kW

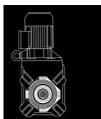


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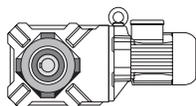
50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
70	1290	1.75	20.54	BK60-../D13LA4	158	4400	20600	84	1080	2.1
59	1530	1.5	24.45	"	"	4850	22000	70	1290	1.8
52	1740	1.3	27.36	"	"	5600	23200	63	1440	1.6
42.5	2100	1.1	33.78	"	"	6500	25200	51	1770	1.3
38	2350	0.98	37.80	"	"	7300	26500	45.5	1990	1.15
32	2800	0.82	45.05	"	"	8200	28300	38	2350	0.98
65	1390	2.9	21.88	BK70-../D13LA4	237	6500	30200	79	1140	3.6
58	1560	2.7	24.89	"	"	7000	31500	69	1310	3.3
46	1970	2.3	30.90	"	"	7500	33600	56	1620	2.8
40.5	2200	2.2	35.15	"	"	8000	35000	49	1850	2.6
35.5	2550	1.9	40.08	"	"	8300	36300	43	2100	2.3
31.5	2850	1.8	45.59	"	"	9000	37900	38	2350	2.2
26.5	3400	1.55	54.15	"	"	9900	40200	32	2800	1.85
23.5	3850	1.35	61.60	"	"	11500	42800	28	3200	1.65
20.5	4400	1.2	70.23	"	"	12500	44800	24.5	3700	1.4
18	5000	1.05	79.89	"	"	14300	47600	21.5	4200	1.25
16	5600	0.93	90.96	"	"	15300	49900	19	4750	1.1
14	6400	0.81	103.5	"	"	17200	50000	17	5300	0.98
34	2650	3.1	41.78	BK80-../D13LA4	351	13500	58700	41	2200	3.7
30.5	2950	2.9	46.80	"	"	14300	60900	37	2450	3.5
27	3350	2.6	53.21	"	"	14800	63100	32.5	2750	3.2
24	3750	2.5	59.60	"	"	15700	65500	29	3100	3.0
20.5	4400	2.2	70.72	"	"	16600	68700	24.5	3700	2.6
18	5000	2.0	79.22	"	"	17600	71300	22	4100	2.5
16	5600	1.85	91.53	"	"	18300	74200	19	4750	2.2
14	6400	1.65	102.5	"	"	20500	75000	17	5300	2.0
12.5	7200	1.45	117.5	"	"	22300	75000	15	6000	1.75
11	8200	1.3	131.6	"	"	24900	75000	13	6900	1.5
9.3	9700	1.1	153.1	"	"	27200	75000	11.5	7800	1.35
8.3	10900	0.96	171.5	"	"	30000	75000	10	9000	1.15
8.0	11300	1.0	177.6	BK80Z-../D13LA4	394	30000	75000	9.7	9300	1.25
7.2	12600	0.91	198.9	"	"	30000	75000	8.6	10500	1.1
6.3	14400	0.8	226.1	"	"	30000	75000	7.6	11900	0.97
16	5600	3.0	91.19	BK90-../D13LA4	603	33300	101000	19	4750	3.5
14	6400	2.6	102.0	"	"	36600	107000	17	5300	3.2
12.5	7200	2.3	117.0	"	"	39200	113000	15	6000	2.8
11	8200	2.0	130.9	"	"	42700	119400	13.5	6700	2.5
9.5	9500	1.75	149.5	"	"	45600	120000	11.5	7800	2.2
8.5	10600	1.6	167.2	"	"	49400	120000	10.5	8600	1.95
8.2	11000	1.7	174.7	BK90Z-../D13LA4	659	49400	120000	9.8	9200	2.0
7.3	12400	1.5	195.4	"	"	49400	120000	8.8	10300	1.8
6.1	14800	1.25	234.6	"	"	49400	120000	7.3	12400	1.5
5.5	16400	1.15	262.5	"	"	49400	120000	6.6	13700	1.35
4.9	18500	1.0	295.6	"	"	49400	120000	5.8	15600	1.2
4.3	21000	0.88	330.7	"	"	49400	120000	5.2	17400	1.05

P = 11 kW

280	345	2.4	5.26	BK50-../D16MA4	191	130	10700	335	285	2.8
205	470	1.75	7.29	"	"	620	11900	245	390	2.1
146	660	1.25	10.00	"	"	1220	13200	176	540	1.5
105	900	1.15	13.95	"	"	6100	17400	127	740	1.4
76	1240	0.85	19.33	"	"	6900	19200	92	1020	1.05
135	770	2.2	10.82	BK60-../D16MA4	203	3200	17000	163	640	2.6
102	1020	1.9	14.41	"	"	3650	18600	123	850	2.3
80	1310	1.65	18.36	"	"	4000	19900	96	1090	2.0
72	1450	1.55	20.54	"	"	4400	20600	86	1220	1.85
60	1750	1.3	24.45	"	"	4850	22000	72	1450	1.6
54	1940	1.2	27.36	"	"	5600	23200	65	1610	1.45
43.5	2400	0.96	33.78	"	"	6500	25200	53	1980	1.15
39	2650	0.87	37.80	"	"	7300	26500	47	2200	1.05



P = 11 kW



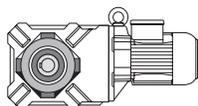
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50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
67	1560	2.6	21.88	BK70-../D16MA4	286	6500	30200	81	1290	3.2
59	1780	2.4	24.89	"	"	7000	31500	71	1470	2.9
47.5	2200	2.1	30.90	"	"	7500	33600	57	1840	2.5
42	2500	1.9	35.15	"	"	8000	35000	51	2050	2.3
36.5	2850	1.7	40.08	"	"	8300	36300	44	2350	2.1
32.5	3200	1.6	45.59	"	"	9000	37900	39	2650	1.95
27	3850	1.35	54.15	"	"	9900	40200	33	3150	1.65
24	4350	1.2	61.60	"	"	11500	42800	29	3600	1.45
21	5000	1.05	70.23	"	"	12500	44800	25.5	4100	1.25
18.5	5600	0.93	79.89	"	"	14300	47600	22.5	4650	1.1
16.5	6300	0.83	90.96	"	"	15300	49900	19.5	5300	0.98
43	2400	3.3	34.22	BK80-../D16MA4	396	12600	55400	52	2000	3.9
35	3000	2.7	41.78	"	"	13500	58700	42.5	2450	3.4
31.5	3300	2.6	46.80	"	"	14300	60900	38	2750	3.1
27.5	3800	2.3	53.21	"	"	14800	63100	33.5	3100	2.9
24.5	4250	2.2	59.60	"	"	15700	65500	30	3500	2.6
21	5000	1.95	70.72	"	"	16600	68700	25	4200	2.3
18.5	5600	1.8	79.22	"	"	17600	71300	22.5	4650	2.2
16	6500	1.6	91.53	"	"	18300	74200	19.5	5300	1.95
14.5	7200	1.45	102.5	"	"	20500	75000	17.5	6000	1.75
12.5	8400	1.25	117.5	"	"	22300	75000	15	7000	1.5
11.5	9100	1.15	131.6	"	"	24900	75000	13.5	7700	1.35
9.6	10900	0.96	153.1	"	"	27200	75000	11.5	9100	1.15
8.6	12200	0.86	171.5	"	"	30000	75000	10.5	10000	1.05
8.3	12600	0.91	177.6	BK80Z-../D16MA4	439	30000	75000	10	10500	1.1
7.4	14100	0.82	198.9	"	"	30000	75000	8.9	11800	0.97
19	5500	3.1	77.51	BK90-../D16MA4	649	30300	94400	23	4550	3.7
16.5	6300	2.7	91.19	"	"	33300	101000	19.5	5300	3.2
14.5	7200	2.3	102.0	"	"	36600	107000	17.5	6000	2.8
12.5	8400	2.0	117.0	"	"	39200	113000	15.5	6700	2.5
11.5	9100	1.85	130.9	"	"	42700	119400	13.5	7700	2.2
9.8	10700	1.55	149.5	"	"	45600	120000	12	8700	1.95
8.8	11900	1.4	167.2	"	"	49400	120000	11	9500	1.75
8.4	12500	1.5	174.7	BK90Z-../D16MA4	708	49400	120000	10.5	10000	1.85
7.5	14000	1.3	195.4	"	"	49400	120000	9.1	11500	1.6
6.3	16600	1.1	234.6	"	"	49400	120000	7.6	13800	1.35
5.6	18700	0.99	262.5	"	"	49400	120000	6.8	15400	1.2
5.0	21000	0.88	295.6	"	"	49400	120000	6.0	17500	1.05

P = 15 kW

280	470	1.75	5.26	BK50-../D16LA4	204	130	10700	335	390	2.1
205	640	1.25	7.29	"	"	620	11900	245	530	1.55
146	900	0.9	10.00	"	"	1220	13200	176	740	1.1
105	1220	0.86	13.95	"	"	6100	17400	127	1010	1.05
135	1060	1.6	10.82	BK60-../D16LA4	216	3200	17000	163	870	1.95
102	1400	1.4	14.41	"	"	3650	18600	123	1160	1.65
80	1790	1.2	18.36	"	"	4000	19900	96	1490	1.45
72	1980	1.15	20.54	"	"	4400	20600	86	1660	1.35
60	2350	0.98	24.45	"	"	4850	22000	72	1980	1.15
54	2650	0.87	27.36	"	"	5600	23200	65	2200	1.05
67	2100	1.95	21.88	BK70-../D16LA4	299	6500	30200	81	1760	2.3
59	2400	1.8	24.89	"	"	7000	31500	71	2000	2.1
47.5	3000	1.5	30.90	"	"	7500	33600	57	2500	1.8
42	3400	1.4	35.15	"	"	8000	35000	51	2800	1.7
36.5	3900	1.25	40.08	"	"	8300	36300	44	3250	1.5
32.5	4400	1.15	45.59	"	"	9000	37900	39	3650	1.4
27	5300	0.98	54.15	"	"	9900	40200	33	4300	1.2
24	5900	0.88	61.60	"	"	11500	42800	29	4900	1.05
48	2950	2.5	30.56	BK80-../D16LA4	409	11900	53400	58	2450	3.1
43	3300	2.4	34.22	"	"	12600	55400	52	2750	2.8

P = 15 kW

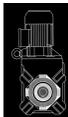


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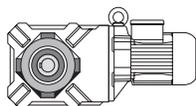
50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
35	4050	2.0	41.78	BK80-../D16LA4	409	13500	58700	42.5	3350	2.5
31.5	4500	1.9	46.80	"	"	14300	60900	38	3750	2.3
27.5	5200	1.7	53.21	"	"	14800	63100	33.5	4250	2.1
24.5	5800	1.6	59.60	"	"	15700	65500	30	4750	1.95
21	6800	1.4	70.72	"	"	16600	68700	25	5700	1.7
18.5	7700	1.3	79.22	"	"	17600	71300	22.5	6300	1.6
16	8900	1.15	91.53	"	"	18300	74200	19.5	7300	1.4
14.5	9800	1.05	102.5	"	"	20500	75000	17.5	8100	1.3
12.5	11400	0.92	117.5	"	"	22300	75000	15	9500	1.1
11.5	12400	0.85	131.6	"	"	24900	75000	13.5	10600	0.99
27	5300	3.0	54.98	BK90-../D16LA4	662	24000	81000	32.5	4400	3.7
24	5900	2.8	61.52	"	"	25500	84600	29	4900	3.4
21.5	6600	2.5	69.27	"	"	27200	88900	25.5	5600	3.0
19	7500	2.2	77.51	"	"	30300	94400	23	6200	2.7
16.5	8600	1.95	91.19	"	"	33300	101000	19.5	7300	2.3
14.5	9800	1.7	102.0	"	"	36600	107000	17.5	8100	2.1
12.5	11400	1.45	117.0	"	"	39200	113000	15.5	9200	1.85
11.5	12400	1.35	130.9	"	"	42700	119400	13.5	10600	1.6
9.8	14600	1.15	149.5	"	"	45600	120000	12	11900	1.4
8.8	16200	1.05	167.2	"	"	49400	120000	11	13000	1.3
8.4	17000	1.1	174.7	BK90Z-../D16LA4	721	49400	120000	10.5	13600	1.35
7.5	19100	0.97	195.4	"	"	49400	120000	9.1	15700	1.2
6.3	22700	0.81	234.6	"	"	49400	120000	7.6	18800	0.98

P = 18.5 kW

280	580	1.4	5.26	BK50-../D16XA4	214	130	10700	335	485	1.65
205	790	1.05	7.29	"	"	620	11900	245	660	1.25
135	1300	1.3	10.82	BK60-../D16XA4	226	3200	17000	163	1080	1.55
102	1730	1.1	14.41	"	"	3650	18600	123	1430	1.35
80	2200	0.99	18.36	"	"	4000	19900	96	1840	1.2
72	2450	0.92	20.54	"	"	4400	20600	86	2050	1.1
67	2600	1.55	21.88	BK70-../D16XA4	309	6500	30200	81	2150	1.9
59	2950	1.45	24.89	"	"	7000	31500	71	2450	1.75
47.5	3700	1.2	30.90	"	"	7500	33600	57	3050	1.5
42	4200	1.15	35.15	"	"	8000	35000	51	3450	1.35
36.5	4800	1.0	40.08	"	"	8300	36300	44	4000	1.2
32.5	5400	0.95	45.59	"	"	9000	37900	39	4500	1.15
27	6500	0.8	54.15	"	"	9900	40200	33	5300	0.98
48	3650	2.1	30.56	BK80-../D16XA4	419	11900	53400	58	3000	2.5
43	4100	1.9	34.22	"	"	12600	55400	52	3350	2.3
35	5000	1.65	41.78	"	"	13500	58700	42.5	4150	2.0
31.5	5600	1.55	46.80	"	"	14300	60900	38	4600	1.85
27.5	6400	1.4	53.21	"	"	14800	63100	33.5	5200	1.7
24.5	7200	1.3	59.60	"	"	15700	65500	30	5800	1.6
21	8400	1.15	70.72	"	"	16600	68700	25	7000	1.4
18.5	9500	1.05	79.22	"	"	17600	71300	22.5	7800	1.3
16	11000	0.95	91.53	"	"	18300	74200	19.5	9000	1.15
14.5	12100	0.87	102.5	"	"	20500	75000	17.5	10000	1.05
36	4900	3.0	40.94	BK90-../D16XA4	672	21400	73100	43	4100	3.6
32	5500	2.8	45.80	"	"	22700	76300	38.5	4550	3.4
27	6500	2.5	54.98	"	"	24000	81000	32.5	5400	3.0
24	7300	2.3	61.52	"	"	25500	84600	29	6000	2.8
21.5	8200	2.0	69.27	"	"	27200	88900	25.5	6900	2.4
19	9200	1.85	77.51	"	"	30300	94400	23	7600	2.2
16.5	10700	1.55	91.19	"	"	33300	101000	19.5	9000	1.85
14.5	12100	1.4	102.0	"	"	36600	107000	17.5	10000	1.7
12.5	14100	1.2	117.0	"	"	39200	113000	15.5	11300	1.5
11.5	15300	1.1	130.9	"	"	42700	119400	13.5	13000	1.3



P = 18.5 kW



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50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
9.8	18000	0.93	149.5	BK90-../D16XA4	672	45600	120000	12	14700	1.15
8.8	20000	0.84	167.2	"	"	49400	120000	11	16000	1.05
8.4	21000	0.88	174.7	BK90Z-../D16XA4	731	49400	120000	10.5	16800	1.1

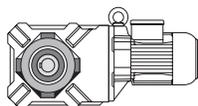
P = 22 kW

97	2150	1.45	15.16	BK70-../D18LA4	366	5600	25800	117	1790	1.7
85	2450	1.45	17.24	"	"	6500	29200	103	2000	1.75
67	3100	1.3	21.88	"	"	6500	30200	81	2550	1.6
59	3550	1.2	24.89	"	"	7000	31500	71	2950	1.45
47.5	4400	1.05	30.90	"	"	7500	33600	57	3650	1.25
42	5000	0.95	35.15	"	"	8000	35000	51	4100	1.15
36.5	5700	0.86	40.08	"	"	8300	36300	44	4750	1.05
32.5	6400	0.8	45.59	"	"	9000	37900	39	5300	0.97
92	2250	2.1	15.88	BK80-../D18LA4	480	8400	38600	111	1890	2.5
83	2500	2.1	17.79	"	"	9400	42100	99	2100	2.5
66	3150	2.2	22.19	"	"	10500	48500	80	2600	2.6
59	3550	2.0	24.85	"	"	11200	50400	71	2950	2.4
48	4350	1.7	30.56	"	"	11900	53400	58	3600	2.1
43	4850	1.6	34.22	"	"	12600	55400	52	4000	1.95
35	6000	1.35	41.78	"	"	13500	58700	42.5	4900	1.7
31.5	6600	1.3	46.80	"	"	14300	60900	38	5500	1.55
27.5	7600	1.15	53.21	"	"	14800	63100	33.5	6200	1.45
24.5	8500	1.1	59.60	"	"	15700	65500	30	7000	1.3
21	10000	0.96	70.72	"	"	16600	68700	25	8400	1.15
18.5	11300	0.89	79.22	"	"	17600	71300	22.5	9300	1.1
48	4350	3.1	30.47	BK90-../D18LA4	735	19100	65900	58	3600	3.8
43	4850	2.9	34.09	"	"	20300	68800	52	4000	3.5
36	5800	2.5	40.94	"	"	21400	73100	43	4850	3.0
32	6500	2.4	45.80	"	"	22700	76300	38.5	5400	2.9
27	7700	2.1	54.98	"	"	24000	81000	32.5	6400	2.5
24	8700	1.95	61.52	"	"	25500	84600	29	7200	2.3
21.5	9700	1.75	69.27	"	"	27200	88900	25.5	8200	2.0
19	11000	1.55	77.51	"	"	30300	94400	23	9100	1.85
16.5	12700	1.3	91.19	"	"	33300	101000	19.5	10700	1.55
14.5	14400	1.15	102.0	"	"	36600	107000	17.5	12000	1.4
12.5	16800	1.0	117.0	"	"	39200	113000	15.5	13500	1.25
11.5	18200	0.92	130.9	"	"	42700	119400	13.5	15500	1.1

P = 30 kW

97	2950	1.05	15.16	BK70-../D18XA4	384	5600	25800	117	2400	1.3
85	3350	1.05	17.24	"	"	6500	29200	103	2750	1.25
67	4250	0.96	21.88	"	"	6500	30200	81	3500	1.15
59	4850	0.88	24.89	"	"	7000	31500	71	4000	1.05
92	3100	1.55	15.88	BK80-../D18XA4	498	8400	38600	111	2550	1.9
83	3450	1.5	17.79	"	"	9400	42100	99	2850	1.85
66	4300	1.6	22.19	"	"	10500	48500	80	3550	1.9
59	4850	1.45	24.85	"	"	11200	50400	71	4000	1.75
48	5900	1.25	30.56	"	"	11900	53400	58	4900	1.55
43	6600	1.2	34.22	"	"	12600	55400	52	5500	1.4
35	8100	1.0	41.78	"	"	13500	58700	42.5	6700	1.25
31.5	9000	0.95	46.80	"	"	14300	60900	38	7500	1.15
27.5	10400	0.85	53.21	"	"	14800	63100	33.5	8500	1.05
24.5	11600	0.8	59.60	"	"	15700	65500	30	9500	0.97
81	3500	3.3	18.07	BK90-../D18XA4	753	15600	54400	98	2900	4.0
73	3900	3.1	20.21	"	"	16600	56700	88	3250	3.7
66	4300	2.9	22.29	"	"	16900	59100	79	3600	3.4
59	4850	2.6	24.94	"	"	18000	61700	71	4000	3.2
48	5900	2.3	30.47	"	"	19100	65900	58	4900	2.8
43	6600	2.1	34.09	"	"	20300	68800	52	5500	2.6

P = 30 kW



50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ rpm	M ₂ Nm	f _B						n ₂ rpm	M ₂ Nm	f _B
36	7900	1.85	40.94	BK90-../D18XA4	753	21400	73100	43	6600	2.2
32	8900	1.75	45.80	"	"	22700	76300	38.5	7400	2.1
27	10600	1.5	54.98	"	"	24000	81000	32.5	8800	1.85
24	11900	1.4	61.52	"	"	25500	84600	29	9800	1.7
21.5	13300	1.25	69.27	"	"	27200	88900	25.5	11200	1.5
19	15000	1.1	77.51	"	"	30300	94400	23	12400	1.35
16.5	17300	0.97	91.19	"	"	33300	101000	19.5	14600	1.15
14.5	19700	0.85	102.0	"	"	36600	107000	17.5	16300	1.05

P = 37 kW

92	3800	1.25	15.88	BK80-../K/DNF22SB4	713	8400	38600	111	3150	1.5
83	4250	1.25	17.79	"	"	9400	42100	99	3550	1.5
66	5300	1.3	22.19	"	"	10500	48500	80	4400	1.55
59	5900	1.2	24.85	"	"	11200	50400	71	4950	1.45
48	7300	1.05	30.56	"	"	11900	53400	58	6000	1.25
81	4350	2.6	18.07	BK90-../K/DNF22SB4	966	15600	54400	98	3600	3.2
73	4800	2.5	20.21	"	"	16600	56700	88	4000	3.0
66	5300	2.3	22.29	"	"	16900	59100	79	4450	2.8
59	5900	2.2	24.94	"	"	18000	61700	71	4950	2.6
48	7300	1.85	30.47	"	"	19100	65900	58	6000	2.3
43	8200	1.7	34.09	"	"	20300	68800	52	6700	2.1
36	9800	1.5	40.94	"	"	21400	73100	43	8200	1.8
32	11000	1.4	45.80	"	"	22700	76300	38.5	9100	1.7
27	13000	1.25	54.98	"	"	24000	81000	32.5	10800	1.5
24	14700	1.15	61.52	"	"	25500	84600	29	12100	1.4
21.5	16400	1.0	69.27	"	"	27200	88900	25.5	13800	1.2

P = 45 kW

92	4650	1.05	15.88	BK80-../K/DNF22MB4	743	8400	38600	111	3850	1.25
83	5100	1.05	17.79	"	"	9400	42100	99	4300	1.2
66	6500	1.05	22.19	"	"	10500	48500	80	5300	1.3
81	5300	2.2	18.07	BK90-../K/DNF22MB4	996	15600	54400	98	4350	2.6
73	5800	2.1	20.21	"	"	16600	56700	88	4850	2.5
66	6500	1.9	22.29	"	"	16900	59100	79	5400	2.3
59	7200	1.8	24.94	"	"	18000	61700	71	6000	2.1
48	8900	1.5	30.47	"	"	19100	65900	58	7400	1.85
43	9900	1.4	34.09	"	"	20300	68800	52	8200	1.7
36	11900	1.25	40.94	"	"	21400	73100	43	9900	1.5
32	13400	1.15	45.80	"	"	22700	76300	38.5	11100	1.4
27	15900	1.0	54.98	"	"	24000	81000	32.5	13200	1.2

