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BF-series shaft-mounted geared motors - Selection

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Sizes

Bauer BF-series shaft-mounted geared motors are normally supplied in ten frame sizes and with torques of 90 to 18,500 Nm. Higher torques are available on request. The gear unit is accommodated in a sturdy cast housing

Bauer service factors (f_B) for shaft-mounted geared motors

Of the numerous factors influencing the total loading of a gear unit, the most important include:

- Mean torque (rated torque)
- Daily operating hours
- Severity of torque peaks (shock classification)
- Frequency of torque peaks (switching duty)

These factors can be represented in a simplified and practical manner by **service factors**. The tables and explanations below attempt to provide an objective description of the **shock classification**, rather than a classification of the driven machinery. Experience has shown that, in addition to the torque shocks caused by the driven machinery (M_x/M_N), above all the power transmission components (clutches, chains etc.) plus the mass ratios play a decisive role in this.

See Bauer special imprint SD32 for more information.

Continuous operation without switching frequency Z ≤1/h

Factor f_1 for shock classification and operating time

Shock classification	Operating hours per day t_d	>4 h ≤8 h	>8 h ≤16 h	>16 h ≤24 h
I		0.8	1.0	1.2
II		1.05	1.25	1.45
III		1.45	1.55	1.7

Switching duty

Factor f_2 for shock classification and switching frequency

Switching frequency in single- shift operation t_d ≤8 h/d

Shock classification	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	0.95	1.1	1.15
II	1.2	1.35	1.4
III	1.55	1.6	1.6

Switching frequency in multiple- shift operation t_d >8 h/d

Shock classification	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	1.3	1.45	1.5
II	1.5	1.6	1.65
III	1.75	1.8	1.8

Bauer service factor

Bauer Service factor $f_B = f_1$ or $f_B = f_2$

For example: Shock classification II for Z = 100 switching operations per hour and multiple-shift operation yields a service factor $f_B = f_2 = 1.5$

Explanation of shock classification

Shock classification I:
Uniform without shock loads. All the following requirements must be satisfied:

- FI ≤1,3
- M_x/M_N ≤1,0
- Shock-absorbing power transmission components (e.g. highly resilient, zero-play coupling, φ N ≥5°)

Shock classification II:
Moderate shock loads. At least one of the following conditions applies:
- 1.3 <Fl ≤4
- 1 <Mx/M_N ≤1.6
- Shock-neutral power transmission components (e.g. gear wheels, zero- play rigid coupling or resilient coupling with φ N <5°)

Shock classification III:
Heavy shock loads. At least one of the following conditions applies:
- Fl >4
- 1.6 <Mx/M_N ≤2.0
- Shock-amplifying power transmission components (e.g. coupling with play or chain drive)

Key to abbreviations

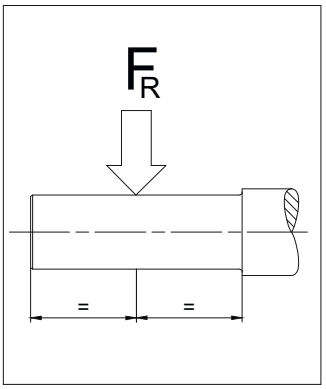
Z	Switching duty number of switching operations per hour
t_d	Daily operating time in hours (h/d)
Fl	Factor of inertia Fl = (J_{ext} + J_{rot})/J_{rot}
J_{ext}	Mass moment of inertia of the machine to be driven, in relation to the motor's rotor shaft (kgm^2)
J_{rot}	Mass moment of inertia of the motor rotor (kgm2)
Mx	Highest impact torque above the static torque which can occur during normal operation or in emergency situations
M_N	Required static load torque for the application
M_x/M_N	Relative torque - Factor
φ N	Torsional offset of the resilient coupling under rated torque

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Selection tables shaft-mounted geared motors

Key to abbreviations

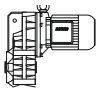
P	Rated output
n_2	Rated speed of the output shaft
i	Gear reduction ratio
M_2	Rated torque at the output shaft
f_B	Bauer service factor
F_{RN}	Maximum permissible radial force with normal bearings
F_{RV}	Maximum permissible radial force with reinforced bearings in each case with standard solid shaft (Code -.1 und -.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 chapter 11 „dimensional drawings shaft-mounted gear motors").

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., sliding clutch, sliding hub, shear pin or an alternative).

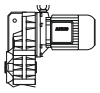
0.03 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.03	9.0	31.5	7.6	151.2	**BF10Z-../D04LA4**	21	6400	-
0.03	8.2	34.5	7.0	166.2	**BF10Z-../D04LA4**	21	6400	-
0.03	7.5	38	6.3	180.1	**BF10Z-../D04LA4**	21	6400	-
0.03	6.9	41.5	5.8	198.0	**BF10Z-../D04LA4**	21	6400	-
0.03	6.3	45	5.3	214.5	**BF10Z-../D04LA4**	21	6400	-
0.03	5.8	49	4.9	235.8	**BF10Z-../D04LA4**	21	6400	-
0.03	5.3	54	4.4	257.4	**BF10Z-../D04LA4**	21	6400	-
0.03	4.8	59	4.1	283.1	**BF10Z-../D04LA4**	21	6400	-
0.03	4.2	68	3.5	324.3	**BF10Z-../D04LA4**	21	6400	-
0.03	3.8	75	3.2	356.6	**BF10Z-../D04LA4**	21	6400	-
0.03	3.6	79	3.0	380.2	**BF10Z-../D04LA4**	21	6400	-
0.03	3.3	86	2.8	418.0	**BF10Z-../D04LA4**	21	6400	-
0.03	2.9	98	2.4	469.5	**BF10Z-../D04LA4**	21	6400	-
0.03	2.6	110	2.2	539.1	**BF10Z-../D04LA4**	21	6400	-
0.03	2.3	124	1.95	592.8	**BF10Z-../D04LA4**	21	6400	-
0.03	1.8	97	2.7	768.2	**BF10G06-../D04LA4**	25	6400	-
0.03	1.6	110	2.4	845.1	**BF10G06-../D04LA4**	25	6400	-
0.03	1.4	130	2.0	994.0	**BF10G06-../D04LA4**	25	6400	-
0.03	1.2	159	1.65	1190	**BF10G06-../D04LA4**	25	6400	-
0.03	0.95	210	1.25	1452	**BF10G06-../D04LA4**	25	6400	-
0.03	0.8	260*	1.0	1744	**BF10G06-../D04LA4**	25	6400	-
0.03	0.65	260*	1.0	2096	**BF10G06-../D04LA4**	25	6400	-
0.03	0.55	260*	1.0	2467	**BF10G06-../D04LA4**	25	6400	-
0.03	0.46	260*	1.0	2952	**BF10G06-../D04LA4**	25	6400	-
0.03	0.42	260*	1.0	3220	**BF10G06-../D04LA4**	25	6400	-
0.03	0.35	260*	1.0	3942	**BF10G06-../D04LA4**	25	6400	-
0.03	0.3	260*	1.0	4569	**BF10G06-../D04LA4**	25	6400	-
0.03	0.24	260*	1.0	5709	**BF10G06-../D04LA4**	25	6400	-
0.03	0.21	260*	1.0	6550	**BF10G06-../D04LA4**	25	6400	-
0.03	0.19	260*	1.0	7144	**BF10G06-../D04LA4**	25	6400	-
0.03	0.16	260*	1.0	8681	**BF10G06-../D04LA4**	25	6400	-
0.03	0.15	260*	1.0	9471	**BF10G06-../D04LA4**	25	6400	-
0.03	1.2	162	2.8	1140	**BF20G06-../D04LA4**	31	7900	-
0.03	1.0	200	2.3	1392	**BF20G06-../D04LA4**	31	7900	-
0.03	0.9	230	2.0	1533	**BF20G06-../D04LA4**	31	7900	-
0.03	0.8	265	1.75	1764	**BF20G06-../D04LA4**	31	7900	-
0.03	0.65	345	1.35	2192	**BF20G06-../D04LA4**	31	7900	-
0.03	0.55	410	1.1	2579	**BF20G06-../D04LA4**	31	7900	-
0.03	0.48	460*	1.0	2829	**BF20G06-../D04LA4**	31	7900	-
0.03	0.44	460*	1.0	3086	**BF20G06-../D04LA4**	31	7900	-
0.03	0.36	460*	1.0	3778	**BF20G06-../D04LA4**	31	7900	-
0.03	0.31	460*	1.0	4379	**BF20G06-../D04LA4**	31	7900	-
0.03	0.25	460*	1.0	5471	**BF20G06-../D04LA4**	31	7900	-
0.03	0.2	460*	1.0	6847	**BF20G06-../D04LA4**	31	7900	-
0.03	0.17	460*	1.0	8320	**BF20G06-../D04LA4**	31	7900	-
0.03	0.15	460*	1.0	9077	**BF20G06-../D04LA4**	31	7900	-
0.03	1.0	200	3.2	1404	**BF30G06-../D04LA4**	41	7400	-
0.03	0.85	245	2.6	1686	**BF30G06-../D04LA4**	41	7400	-
0.03	0.7	315	2.0	2026	**BF30G06-../D04LA4**	41	7400	-
0.03	0.6	370	1.7	2386	**BF30G06-../D04LA4**	41	7400	-
0.03	0.48	485	1.3	2854	**BF30G06-../D04LA4**	41	7400	-
0.03	0.39	610	1.05	3493	**BF30G06-../D04LA4**	41	7400	-
0.03	0.36	630*	1.0	3811	**BF30G06-../D04LA4**	41	7400	-
0.03	0.31	630*	1.0	4417	**BF30G06-../D04LA4**	41	7400	-
0.03	0.27	630*	1.0	5060	**BF30G06-../D04LA4**	41	7400	-
0.03	0.22	630*	1.0	6333	**BF30G06-../D04LA4**	41	7400	-
0.03	0.19	630*	1.0	7206	**BF30G06-../D04LA4**	41	7400	-
0.03	0.18	630*	1.0	7861	**BF30G06-../D04LA4**	41	7400	-
0.03	0.15	630*	1.0	9157	**BF30G06-../D04LA4**	41	7400	-

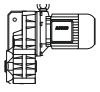
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.04 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.04	9.0	42	5.7	151.2	**BF10Z-../D04LA4**	21	6400	-
0.04	8.2	46.5	5.2	166.2	**BF10Z-../D04LA4**	21	6400	-
0.04	7.5	50	4.8	180.1	**BF10Z-../D04LA4**	21	6400	-
0.04	6.9	55	4.4	198.0	**BF10Z-../D04LA4**	21	6400	-
0.04	6.3	60	4.0	214.5	**BF10Z-../D04LA4**	21	6400	-
0.04	5.8	65	3.7	235.8	**BF10Z-../D04LA4**	21	6400	-
0.04	5.3	72	3.3	257.4	**BF10Z-../D04LA4**	21	6400	-
0.04	4.8	79	3.0	283.1	**BF10Z-../D04LA4**	21	6400	-
0.04	4.2	90	2.7	324.3	**BF10Z-../D04LA4**	21	6400	-
0.04	3.8	100	2.4	356.6	**BF10Z-../D04LA4**	21	6400	-
0.04	3.6	106	2.3	380.2	**BF10Z-../D04LA4**	21	6400	-
0.04	3.3	115	2.1	418.0	**BF10Z-../D04LA4**	21	6400	-
0.04	2.9	131	1.85	469.5	**BF10Z-../D04LA4**	21	6400	-
0.04	2.6	146	1.65	539.1	**BF10Z-../D04LA4**	21	6400	-
0.04	2.3	166	1.45	592.8	**BF10Z-../D04LA4**	21	6400	-
0.04	2.1	119	2.2	643.8	**BF10G06-../D04LA4**	25	6400	-
0.04	1.8	150	1.75	768.2	**BF10G06-../D04LA4**	25	6400	-
0.04	1.6	170	1.55	845.1	**BF10G06-../D04LA4**	25	6400	-
0.04	1.4	199	1.3	994.0	**BF10G06-../D04LA4**	25	6400	-
0.04	1.2	235	1.1	1190	**BF10G06-../D04LA4**	25	6400	-
0.04	3.0	127	3.3	460.0	**BF20Z-../D04LA4**	28	7900	-
0.04	1.9	141	3.3	736.1	**BF20G06-../D04LA4**	31	7900	-
0.04	1.7	159	2.9	810.0	**BF20G06-../D04LA4**	31	7900	-
0.04	1.5	183	2.5	952.7	**BF20G06-../D04LA4**	31	7900	-
0.04	1.2	240	1.9	1140	**BF20G06-../D04LA4**	31	7900	-
0.04	1.0	295	1.55	1392	**BF20G06-../D04LA4**	31	7900	-
0.04	0.9	335	1.35	1533	**BF20G06-../D04LA4**	31	7900	-
0.04	0.8	385	1.2	1764	**BF20G06-../D04LA4**	31	7900	-
0.04	1.2	240	2.6	1150	**BF30G06-../D04LA4**	41	7400	-
0.04	1.1	265	2.4	1286	**BF30G06-../D04LA4**	41	7400	-
0.04	1.0	295	2.1	1404	**BF30G06-../D04LA4**	41	7400	-
0.04	0.85	355	1.75	1686	**BF30G06-../D04LA4**	41	7400	-
0.04	0.7	450	1.4	2026	**BF30G06-../D04LA4**	41	7400	-
0.04	0.6	530	1.2	2386	**BF30G06-../D04LA4**	41	7400	-

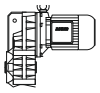
0.06 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.06	51	11.2	8.5	26.76	**BF06-../D05LA4**	10	3000	-
0.06	43	13.3	7.1	31.50	**BF06-../D05LA4**	10	3200	-
0.06	36	15.9	6.0	37.69	**BF06-../D05LA4**	10	3500	-
0.06	29.5	19.4	4.9	46.14	**BF06-../D05LA4**	10	3800	-
0.06	23.5	24	4.0	58.33	**BF06-../D05LA4**	10	4000	-
0.06	20.5	27.5	3.5	66.82	**BF06-../D05LA4**	10	4000	-
0.06	16.5	34.5	2.8	83.61	**BF06-../D05LA4**	10	4000	-
0.06	14.5	39.5	2.4	95.16	**BF06-../D05LA4**	10	4000	-
0.06	12.5	45.5	1.8	110.8	**BF06-../D05LA4**	10	4000	-
0.06	7.5	76	3.2	180.1	**BF10Z-../D06LA4**	24	6400	-
0.06	6.9	83	2.9	198.0	**BF10Z-../D06LA4**	24	6400	-
0.06	6.3	90	2.7	214.5	**BF10Z-../D06LA4**	24	6400	-
0.06	5.8	98	2.4	235.8	**BF10Z-../D06LA4**	24	6400	-
0.06	5.3	108	2.2	257.4	**BF10Z-../D06LA4**	24	6400	-
0.06	4.8	119	2.0	283.1	**BF10Z-../D06LA4**	24	6400	-
0.06	4.2	136	1.75	324.3	**BF10Z-../D06LA4**	24	6400	-
0.06	3.8	150	1.6	356.6	**BF10Z-../D06LA4**	24	6400	-
0.06	3.6	159	1.5	380.2	**BF10Z-../D06LA4**	24	6400	-
0.06	3.3	173	1.4	418.0	**BF10Z-../D06LA4**	24	6400	-
0.06	2.9	197	1.2	469.5	**BF10Z-../D06LA4**	24	6400	-
0.06	2.6	220	1.1	539.1	**BF10Z-../D06LA4**	24	6400	-
0.06	2.3	245	0.98	592.8	**BF10Z-../D06LA4**	24	6400	-
0.06	2.1	210	1.25	643.8	**BF10G06-../D06LA4**	28	6400	-

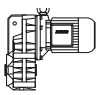
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.06 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.06	1.8	255	1.0	768.2	**BF10G06-../D06LA4**	28	6400	-
0.06	1.6	290	0.9	845.1	**BF10G06-../D06LA4**	28	6400	-
0.06	4.2	136	3.1	325.2	**BF20Z-../D06LA4**	31	7900	-
0.06	4.0	143	2.9	339.1	**BF20Z-../D06LA4**	31	7900	-
0.06	3.7	154	2.7	373.1	**BF20Z-../D06LA4**	31	7900	-
0.06	3.3	173	2.4	418.1	**BF20Z-../D06LA4**	31	7900	-
0.06	3.0	191	2.2	460.0	**BF20Z-../D06LA4**	31	7900	-
0.06	2.7	157	2.9	513.7	**BF20G06-../D06LA4**	34	7900	-
0.06	2.2	200	2.3	617.0	**BF20G06-../D06LA4**	34	7900	-
0.06	1.9	240	1.9	736.1	**BF20G06-../D06LA4**	34	7900	-
0.06	1.7	270	1.7	810.0	**BF20G06-../D06LA4**	34	7900	-
0.06	1.5	310	1.5	952.7	**BF20G06-../D06LA4**	34	7900	-
0.06	1.2	400	1.15	1140	**BF20G06-../D06LA4**	34	7900	-
0.06	1.0	485	0.95	1392	**BF20G06-../D06LA4**	34	7900	-
0.06	3.3	173	3.3	412.6	**BF30Z-../D06LA4**	42	7400	-
0.06	3.0	191	3.0	463.3	**BF30Z-../D06LA4**	42	7400	-
0.06	2.6	220	2.6	537.0	**BF30Z-../D06LA4**	42	7400	-
0.06	2.3	245	2.3	590.7	**BF30Z-../D06LA4**	42	7400	-
0.06	2.2	200	3.2	622.4	**BF30G06-../D06LA4**	45	7400	-
0.06	2.0	225	2.8	705.1	**BF30G06-../D06LA4**	45	7400	-
0.06	1.7	270	2.3	817.1	**BF30G06-../D06LA4**	45	7400	-
0.06	1.5	310	2.0	961.1	**BF30G06-../D06LA4**	45	7400	-
0.06	1.2	400	1.6	1150	**BF30G06-../D06LA4**	45	7400	-
0.06	1.1	435	1.45	1286	**BF30G06-../D06LA4**	45	7400	-
0.06	1.0	485	1.3	1404	**BF30G06-../D06LA4**	45	7400	-
0.06	0.85	580	1.1	1686	**BF30G06-../D06LA4**	45	7400	-
0.06	0.95	340	2.9	1484	**BF40G10-../D06LA4**	58	10600	-
0.06	0.75	460	2.2	1810	**BF40G10-../D06LA4**	58	10600	-
0.06	0.7	500	2.0	1997	**BF40G10-../D06LA4**	58	10600	-
0.06	0.55	710	1.4	2536	**BF40G10-../D06LA4**	58	10600	-
0.06	0.49	840	1.2	2810	**BF40G10-../D06LA4**	58	10600	-
0.06	0.7	520	2.7	2059	**BF50G10-../D06LA4**	86	13600	-
0.06	0.6	640	2.2	2360	**BF50G10-../D06LA4**	86	13600	-
0.06	0.49	860	1.65	2810	**BF50G10-../D06LA4**	86	13600	-
0.06	0.41	1090	1.3	3348	**BF50G10-../D06LA4**	86	13600	-
0.06	0.34	1370	1.0	4019	**BF50G10-../D06LA4**	86	13600	-
0.06	0.42	860	2.9	3237	**BF60G20-../D06LA4**	134	15300	43300
0.06	0.35	1130	2.2	3883	**BF60G20-../D06LA4**	134	15300	43300
0.06	0.3	1400	1.8	4646	**BF60G20-../D06LA4**	134	15300	43300
0.06	0.26	1700	1.45	5241	**BF60G20-../D06LA4**	134	15300	43300
0.06	0.23	1980	1.25	6014	**BF60G20-../D06LA4**	134	15300	43300
0.06	0.21	2200	1.15	6679	**BF60G20-../D06LA4**	134	15300	43300
0.06	0.24	1890	3.0	5691	**BF70G20-../D06LA4**	212	16100	47700
0.06	0.21	2200	2.6	6530	**BF70G20-../D06LA4**	212	16100	47700
0.06	0.19	2500	2.3	7248	**BF70G20-../D06LA4**	212	16100	47700
0.06	0.17	2850	2.0	8052	**BF70G20-../D06LA4**	212	16100	47700

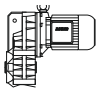
0.09 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.09	112	7.6	9.9	12.07	**BF06-../D05LA4**	10	2000	-
0.09	96	8.9	9.6	14.21	**BF06-../D05LA4**	10	2100	-
0.09	80	10.7	8.9	16.99	**BF06-../D05LA4**	10	2500	-
0.09	67	12.8	7.4	20.42	**BF06-../D05LA4**	10	2700	-
0.09	51	16.8	5.7	26.76	**BF06-../D05LA4**	10	3000	-
0.09	43	19.9	4.8	31.50	**BF06-../D05LA4**	10	3200	-
0.09	36	23.5	4.0	37.69	**BF06-../D05LA4**	10	3500	-
0.09	29.5	29	3.3	46.14	**BF06-../D05LA4**	10	3800	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

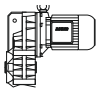
0.09 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.09	23.5	36.5	2.6	58.33	**BF06-../D05LA4**	10	4000	-
0.09	20.5	41.5	2.3	66.82	**BF06-../D05LA4**	10	4000	-
0.09	16.5	52	1.85	83.61	**BF06-../D05LA4**	10	4000	-
0.09	14.5	59	1.6	95.16	**BF06-../D05LA4**	10	4000	-
0.09	12.5	68	1.2	110.8	**BF06-../D05LA4**	10	4000	-
0.09	11	78	3.1	123.5	**BF10-../D06LA4**	23	6100	-
0.09	10.5	81	3.0	128.9	**BF10-../D06LA4**	23	6200	-
0.09	9.6	89	2.7	141.8	**BF10-../D06LA4**	23	6400	-
0.09	9.0	95	2.5	151.2	**BF10Z-../D06LA4**	24	6400	-
0.09	8.2	104	2.3	166.2	**BF10Z-../D06LA4**	24	6400	-
0.09	7.5	114	2.1	180.1	**BF10Z-../D06LA4**	24	6400	-
0.09	6.9	124	1.95	198.0	**BF10Z-../D06LA4**	24	6400	-
0.09	6.3	136	1.75	214.5	**BF10Z-../D06LA4**	24	6400	-
0.09	5.8	148	1.6	235.8	**BF10Z-../D06LA4**	24	6400	-
0.09	5.3	162	1.5	257.4	**BF10Z-../D06LA4**	24	6400	-
0.09	4.8	179	1.35	283.1	**BF10Z-../D06LA4**	24	6400	-
0.09	4.2	200	1.2	324.3	**BF10Z-../D06LA4**	24	6400	-
0.09	3.8	225	1.05	356.6	**BF10Z-../D06LA4**	24	6400	-
0.09	3.6	235	1.0	380.2	**BF10Z-../D06LA4**	24	6400	-
0.09	3.3	260	0.92	418.0	**BF10Z-../D06LA4**	24	6400	-
0.09	2.9	295	0.81	469.5	**BF10Z-../D06LA4**	24	6400	-
0.09	2.6	270	0.96	536.0	**BF10G06-../D06LA4**	28	6400	-
0.09	6.3	136	3.1	216.9	**BF20Z-../D06LA4**	31	7900	-
0.09	5.8	148	2.8	235.9	**BF20Z-../D06LA4**	31	7900	-
0.09	5.3	162	2.6	259.6	**BF20Z-../D06LA4**	31	7900	-
0.09	4.6	186	2.3	295.5	**BF20Z-../D06LA4**	31	7900	-
0.09	4.2	200	2.1	325.2	**BF20Z-../D06LA4**	31	7900	-
0.09	4.0	210	2.0	339.1	**BF20Z-../D06LA4**	31	7900	-
0.09	3.7	230	1.85	373.1	**BF20Z-../D06LA4**	31	7900	-
0.09	3.3	260	1.6	418.1	**BF20Z-../D06LA4**	31	7900	-
0.09	3.0	285	1.45	460.0	**BF20Z-../D06LA4**	31	7900	-
0.09	2.7	260	1.75	513.7	**BF20G06-../D06LA4**	34	7900	-
0.09	2.2	330	1.4	617.0	**BF20G06-../D06LA4**	34	7900	-
0.09	1.9	390	1.2	736.1	**BF20G06-../D06LA4**	34	7900	-
0.09	1.7	440	1.05	810.0	**BF20G06-../D06LA4**	34	7900	-
0.09	1.5	500	0.92	952.7	**BF20G06-../D06LA4**	34	7900	-
0.09	4.7	182	3.2	289.8	**BF30Z-../D06LA4**	42	7400	-
0.09	4.4	195	2.9	310.7	**BF30Z-../D06LA4**	42	7400	-
0.09	4.0	210	2.7	341.8	**BF30Z-../D06LA4**	42	7400	-
0.09	3.6	235	2.4	375.1	**BF30Z-../D06LA4**	42	7400	-
0.09	3.3	260	2.2	412.6	**BF30Z-../D06LA4**	42	7400	-
0.09	3.0	285	2.0	463.3	**BF30Z-../D06LA4**	42	7400	-
0.09	2.6	330	1.75	537.0	**BF30Z-../D06LA4**	42	7400	-
0.09	2.3	370	1.55	590.7	**BF30Z-../D06LA4**	42	7400	-
0.09	2.2	330	1.9	622.4	**BF30G06-../D06LA4**	45	7400	-
0.09	2.0	370	1.7	705.1	**BF30G06-../D06LA4**	45	7400	-
0.09	1.7	435	1.45	817.1	**BF30G06-../D06LA4**	45	7400	-
0.09	1.5	500	1.25	961.1	**BF30G06-../D06LA4**	45	7400	-
0.09	1.2	630	1.0	1150	**BF30G06-../D06LA4**	45	7400	-
0.09	1.1	690	0.91	1286	**BF30G06-../D06LA4**	45	7400	-
0.09	1.0	770	0.82	1404	**BF30G06-../D06LA4**	45	7400	-
0.09	3.0	285	3.2	459.1	**BF40Z-../D06LA4**	53	10600	-
0.09	2.7	315	2.9	514.6	**BF40Z-../D06LA4**	53	10600	-
0.09	2.4	355	2.5	566.1	**BF40Z-../D06LA4**	53	10600	-
0.09	1.5	350	2.9	928.9	**BF40G10-../D06LA4**	58	10600	-
0.09	1.3	420	2.4	1106	**BF40G10-../D06LA4**	58	10600	-
0.09	1.1	540	1.85	1324	**BF40G10-../D06LA4**	58	10600	-
0.09	0.95	640	1.55	1484	**BF40G10-../D06LA4**	58	10600	-
0.09	0.75	840	1.2	1810	**BF40G10-../D06LA4**	58	10600	-
0.09	0.7	910	1.1	1997	**BF40G10-../D06LA4**	58	10600	-
0.09	1.2	500	2.8	1203	**BF50G10-../D06LA4**	86	13600	-
0.09	1.0	620	2.3	1359	**BF50G10-../D06LA4**	86	13600	-
0.09	0.9	680	2.1	1520	**BF50G10-../D06LA4**	86	13600	-
0.09	0.85	730	1.9	1684	**BF50G10-../D06LA4**	86	13600	-
0.09	0.7	920	1.5	2059	**BF50G10-../D06LA4**	86	13600	-

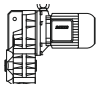
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.09 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.09	0.6	1120	1.25	2360	**BF50G10-../D06LA4**	86	13600	-
0.09	0.7	780	3.2	1955	**BF60G20-../D06LA4**	134	15300	43300
0.09	0.65	860	2.9	2172	**BF60G20-../D06LA4**	134	15300	43300
0.09	0.49	1250	2.0	2781	**BF60G20-../D06LA4**	134	15300	43300
0.09	0.42	1540	1.6	3237	**BF60G20-../D06LA4**	134	15300	43300
0.09	0.35	1950	1.3	3883	**BF60G20-../D06LA4**	134	15300	43300
0.09	0.3	2350	1.05	4646	**BF60G20-../D06LA4**	134	15300	43300
0.09	0.34	2000	2.9	4090	**BF70G20-../D06LA4**	212	16100	47700
0.09	0.3	2350	2.4	4542	**BF70G20-../D06LA4**	212	16100	47700
0.09	0.27	2650	2.2	5124	**BF70G20-../D06LA4**	212	16100	47700
0.09	0.24	3050	1.85	5691	**BF70G20-../D06LA4**	212	16100	47700
0.09	0.21	3600	1.6	6530	**BF70G20-../D06LA4**	212	16100	47700
0.09	0.19	4000	1.45	7248	**BF70G20-../D06LA4**	212	16100	47700
0.09	0.17	4550	1.25	8052	**BF70G20-../D06LA4**	212	16100	47700

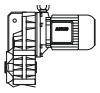
0.11 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.11	9.0	116	2.1	151.2	**BF10Z-../D04LA4**	21	6400	-
0.11	8.2	128	1.9	166.2	**BF10Z-../D04LA4**	21	6400	-
0.11	7.5	140	1.7	180.1	**BF10Z-../D04LA4**	21	6400	-
0.11	6.9	152	1.6	198.0	**BF10Z-../D04LA4**	21	6400	-
0.11	6.3	166	1.45	214.5	**BF10Z-../D04LA4**	21	6400	-
0.11	5.8	181	1.35	235.8	**BF10Z-../D04LA4**	21	6400	-
0.11	5.3	198	1.2	257.4	**BF10Z-../D04LA4**	21	6400	-
0.11	4.8	215	1.1	283.1	**BF10Z-../D04LA4**	21	6400	-
0.11	4.2	250	0.96	324.3	**BF10Z-../D04LA4**	21	6400	-
0.11	3.8	275	0.87	356.6	**BF10Z-../D04LA4**	21	6400	-
0.11	3.6	290	0.83	380.2	**BF10Z-../D04LA4**	21	6400	-
0.11	3.2	280	0.93	424.5	**BF10G06-../D04LA4**	25	6400	-
0.11	8.3	126	3.3	164.3	**BF20Z-../D04LA4**	28	7900	-
0.11	7.5	140	3.0	180.8	**BF20Z-../D04LA4**	28	7900	-
0.11	6.9	152	2.8	197.1	**BF20Z-../D04LA4**	28	7900	-
0.11	6.3	166	2.5	216.9	**BF20Z-../D04LA4**	28	7900	-
0.11	5.8	181	2.3	235.9	**BF20Z-../D04LA4**	28	7900	-
0.11	5.3	198	2.1	259.6	**BF20Z-../D04LA4**	28	7900	-
0.11	4.6	225	1.85	295.5	**BF20Z-../D04LA4**	28	7900	-
0.11	4.2	250	1.7	325.2	**BF20Z-../D04LA4**	28	7900	-
0.11	4.0	260	1.6	339.1	**BF20Z-../D04LA4**	28	7900	-
0.11	3.7	280	1.5	373.1	**BF20Z-../D04LA4**	28	7900	-
0.11	3.3	315	1.35	418.1	**BF20Z-../D04LA4**	28	7900	-
0.11	3.0	350	1.2	460.0	**BF20Z-../D04LA4**	28	7900	-
0.11	2.7	330	1.4	513.7	**BF20G06-../D04LA4**	31	7900	-
0.11	2.2	415	1.1	617.0	**BF20G06-../D04LA4**	31	7900	-
0.11	1.9	490	0.94	736.1	**BF20G06-../D04LA4**	31	7900	-
0.11	1.7	550	0.84	810.0	**BF20G06-../D04LA4**	31	7900	-
0.11	2.2	415	1.5	622.4	**BF30G06-../D04LA4**	41	7400	-
0.11	2.0	465	1.35	705.1	**BF30G06-../D04LA4**	41	7400	-
0.11	1.7	550	1.15	817.1	**BF30G06-../D04LA4**	41	7400	-
0.11	1.5	620	1.0	961.1	**BF30G06-../D04LA4**	41	7400	-
0.11	1.2	790	0.8	1150	**BF30G06-../D04LA4**	41	7400	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

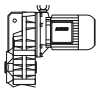
0.12 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.12	151	7.5	9.3	9.21	**BF06-../DHE05LA4**	10	1900	-
0.12	116	9.8	7.7	12.07	**BF06-../DHE05LA4**	10	2000	-
0.12	98	11.6	7.3	14.21	**BF06-../DHE05LA4**	10	2100	-
0.12	82	13.9	6.8	16.99	**BF06-../DHE05LA4**	10	2500	-
0.12	69	16.6	5.7	20.42	**BF06-../DHE05LA4**	10	2700	-
0.12	52	22	4.3	26.76	**BF06-../DHE05LA4**	10	3000	-
0.12	44.5	25.5	3.7	31.50	**BF06-../DHE05LA4**	10	3200	-
0.12	37	30.5	3.1	37.69	**BF06-../DHE05LA4**	10	3500	-
0.12	30.5	37.5	2.5	46.14	**BF06-../DHE05LA4**	10	3800	-
0.12	24	47.5	2.0	58.33	**BF06-../DHE05LA4**	10	4000	-
0.12	21	54	1.75	66.82	**BF06-../DHE05LA4**	10	4000	-
0.12	17	67	1.4	83.61	**BF06-../DHE05LA4**	10	4000	-
0.12	15	76	1.25	95.16	**BF06-../DHE05LA4**	10	4000	-
0.12	13	88	0.92	110.8	**BF06-../DHE05LA4**	10	4000	-
0.12	15.5	73	3.3	90.91	**BF10-../DHE06LA4**	23	5400	-
0.12	14	81	3.0	99.97	**BF10-../DHE06LA4**	23	5600	-
0.12	12.5	91	2.6	112.3	**BF10-../DHE06LA4**	23	5900	-
0.12	11.5	99	2.4	123.5	**BF10-../DHE06LA4**	23	6100	-
0.12	11	104	2.3	128.9	**BF10-../DHE06LA4**	23	6200	-
0.12	9.8	116	2.1	141.8	**BF10-../DHE06LA4**	23	6400	-
0.12	9.2	124	1.95	151.2	**BF10Z-../DHE06LA4**	24	6400	-
0.12	8.4	136	1.75	166.2	**BF10Z-../DHE06LA4**	24	6400	-
0.12	7.7	148	1.6	180.1	**BF10Z-../DHE06LA4**	24	6400	-
0.12	7.0	163	1.45	198.0	**BF10Z-../DHE06LA4**	24	6400	-
0.12	6.5	176	1.35	214.5	**BF10Z-../DHE06LA4**	24	6400	-
0.12	5.9	194	1.25	235.8	**BF10Z-../DHE06LA4**	24	6400	-
0.12	5.4	210	1.15	257.4	**BF10Z-../DHE06LA4**	24	6400	-
0.12	4.9	230	1.05	283.1	**BF10Z-../DHE06LA4**	24	6400	-
0.12	4.3	265	0.91	324.3	**BF10Z-../DHE06LA4**	24	6400	-
0.12	3.9	290	0.83	356.6	**BF10Z-../DHE06LA4**	24	6400	-
0.12	3.7	265	0.98	377.9	**BF10G06-../DHE06LA4**	28	6400	-
0.12	3.3	300	0.87	424.5	**BF10G06-../DHE06LA4**	28	6400	-
0.12	2.6	260*	1.0	536.0	**BF10G06-../DHE06LA4**	28	6400	-
0.12	2.2	260*	1.0	643.8	**BF10G06-../DHE06LA4**	28	6400	-
0.12	1.9	260*	1.0	768.2	**BF10G06-../DHE06LA4**	28	6400	-
0.12	1.7	260*	1.0	845.1	**BF10G06-../DHE06LA4**	28	6400	-
0.12	1.4	260*	1.0	994.0	**BF10G06-../DHE06LA4**	28	6400	-
0.12	1.2	260*	1.0	1190	**BF10G06-../DHE06LA4**	28	6400	-
0.12	1.0	260*	1.0	1452	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.8	260*	1.0	1744	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.7	260*	1.0	2096	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.6	260*	1.0	2467	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.47	260*	1.0	2952	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.44	260*	1.0	3220	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.36	260*	1.0	3942	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.31	260*	1.0	4569	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.25	260*	1.0	5709	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.22	260*	1.0	6550	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.2	260*	1.0	7144	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.16	260*	1.0	8681	**BF10G06-../DHE06LA4**	28	6400	-
0.12	0.15	260*	1.0	9471	**BF10G06-../DHE06LA4**	28	6400	-
0.12	9.0	127	3.3	155.4	**BF20Z-../DHE06LA4**	31	7900	-
0.12	8.5	134	3.1	164.3	**BF20Z-../DHE06LA4**	31	7900	-
0.12	7.7	148	2.8	180.8	**BF20Z-../DHE06LA4**	31	7900	-
0.12	7.1	161	2.6	197.1	**BF20Z-../DHE06LA4**	31	7900	-
0.12	6.4	179	2.3	216.9	**BF20Z-../DHE06LA4**	31	7900	-
0.12	5.9	194	2.2	235.9	**BF20Z-../DHE06LA4**	31	7900	-
0.12	5.4	210	2.0	259.6	**BF20Z-../DHE06LA4**	31	7900	-
0.12	4.7	240	1.75	295.5	**BF20Z-../DHE06LA4**	31	7900	-
0.12	4.3	265	1.6	325.2	**BF20Z-../DHE06LA4**	31	7900	-
0.12	4.1	275	1.55	339.1	**BF20Z-../DHE06LA4**	31	7900	-
0.12	3.8	300	1.4	373.1	**BF20Z-../DHE06LA4**	31	7900	-
0.12	3.4	335	1.25	418.1	**BF20Z-../DHE06LA4**	31	7900	-
0.12	3.1	365	1.15	460.0	**BF20Z-../DHE06LA4**	31	7900	-
0.12	2.7	370	1.25	513.7	**BF20G06-../DHE06LA4**	34	7900	-
0.12	2.3	435	1.05	617.0	**BF20G06-../DHE06LA4**	34	7900	-
0.12	1.9	540	0.85	736.1	**BF20G06-../DHE06LA4**	34	7900	-
0.12	1.8	570	0.81	810.0	**BF20G06-../DHE06LA4**	34	7900	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

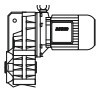
0.12 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.12	1.5	460*	1.0	952.7	**BF20G06-../DHE06LA4**	34	7900	-
0.12	1.3	460*	1.0	1140	**BF20G06-../DHE06LA4**	34	7900	-
0.12	1.0	460*	1.0	1392	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.95	460*	1.0	1533	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.8	460*	1.0	1764	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.65	460*	1.0	2192	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.55	460*	1.0	2579	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.49	460*	1.0	2829	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.45	460*	1.0	3086	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.37	460*	1.0	3778	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.32	460*	1.0	4379	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.26	460*	1.0	5471	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.21	460*	1.0	6847	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.17	460*	1.0	8320	**BF20G06-../DHE06LA4**	34	7900	-
0.12	0.16	460*	1.0	9077	**BF20G06-../DHE06LA4**	34	7900	-
0.12	6.2	184	3.1	224.8	**BF30Z-../DHE06LA4**	42	7400	-
0.12	5.7	200	2.9	247.3	**BF30Z-../DHE06LA4**	42	7400	-
0.12	5.3	215	2.7	263.5	**BF30Z-../DHE06LA4**	42	7400	-
0.12	4.8	235	2.4	289.8	**BF30Z-../DHE06LA4**	42	7400	-
0.12	4.5	250	2.3	310.7	**BF30Z-../DHE06LA4**	42	7400	-
0.12	4.1	275	2.1	341.8	**BF30Z-../DHE06LA4**	42	7400	-
0.12	3.7	305	1.9	375.1	**BF30Z-../DHE06LA4**	42	7400	-
0.12	3.4	335	1.7	412.6	**BF30Z-../DHE06LA4**	42	7400	-
0.12	3.0	380	1.5	463.3	**BF30Z-../DHE06LA4**	42	7400	-
0.12	2.8	405	1.4	509.6	**BF30Z-../DHE06LA4**	42	7400	-
0.12	2.6	440	1.3	537.0	**BF30Z-../DHE06LA4**	42	7400	-
0.12	2.4	475	1.2	590.7	**BF30Z-../DHE06LA4**	42	7400	-
0.12	2.3	435	1.45	622.4	**BF30G06-../DHE06LA4**	45	7400	-
0.12	2.0	510	1.25	705.1	**BF30G06-../DHE06LA4**	45	7400	-
0.12	1.7	600	1.05	817.1	**BF30G06-../DHE06LA4**	45	7400	-
0.12	1.5	690	0.91	961.1	**BF30G06-../DHE06LA4**	45	7400	-
0.12	1.3	630*	1.0	1150	**BF30G06-../DHE06LA4**	45	7400	-
0.12	1.1	630*	1.0	1286	**BF30G06-../DHE06LA4**	45	7400	-
0.12	1.0	630*	1.0	1404	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.85	630*	1.0	1686	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.7	630*	1.0	2026	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.6	630*	1.0	2386	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.49	630*	1.0	2854	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.4	630*	1.0	3493	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.37	630*	1.0	3811	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.32	630*	1.0	4417	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.28	630*	1.0	5060	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.22	630*	1.0	6333	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.2	630*	1.0	7206	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.18	630*	1.0	7861	**BF30G06-../DHE06LA4**	45	7400	-
0.12	0.16	630*	1.0	9157	**BF30G06-../DHE06LA4**	45	7400	-
0.12	4.0	285	3.2	346.8	**BF40Z-../DHE06LA4**	53	10600	-
0.12	3.7	305	3.0	381.5	**BF40Z-../DHE06LA4**	53	10600	-
0.12	3.4	335	2.7	417.3	**BF40Z-../DHE06LA4**	53	10600	-
0.12	3.1	365	2.5	459.1	**BF40Z-../DHE06LA4**	53	10600	-
0.12	2.7	420	2.1	514.6	**BF40Z-../DHE06LA4**	53	10600	-
0.12	2.5	455	2.0	566.1	**BF40Z-../DHE06LA4**	53	10600	-
0.12	1.9	395	2.5	731.6	**BF40G10-../DHE06LA4**	58	10600	-
0.12	1.5	540	1.85	928.9	**BF40G10-../DHE06LA4**	58	10600	-
0.12	1.3	640	1.55	1106	**BF40G10-../DHE06LA4**	58	10600	-
0.12	1.1	800	1.25	1324	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.95	940	1.05	1484	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.8	1000*	1.0	1810	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.7	1000*	1.0	1997	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.55	1000*	1.0	2536	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.5	1000*	1.0	2810	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.42	1000*	1.0	3346	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.35	1000*	1.0	3985	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.29	1000*	1.0	4784	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.26	1000*	1.0	5439	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.22	1000*	1.0	6377	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.18	1000*	1.0	7875	**BF40G10-../DHE06LA4**	58	10600	-
0.12	0.16	1000*	1.0	9042	**BF40G10-../DHE06LA4**	58	10600	-

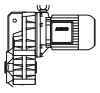
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.12 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.12	2.8	405	3.2	496.4	**BF50Z-../DHE06LA4**	82	13600	-
0.12	2.5	455	2.9	555.2	**BF50Z-../DHE06LA4**	82	13600	-
0.12	1.7	465	3.0	864.5	**BF50G10-../DHE06LA4**	86	13600	-
0.12	1.4	590	2.4	1029	**BF50G10-../DHE06LA4**	86	13600	-
0.12	1.2	740	1.9	1203	**BF50G10-../DHE06LA4**	86	13600	-
0.12	1.1	800	1.75	1359	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.95	930	1.5	1520	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.85	1060	1.3	1684	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.7	1330	1.05	2059	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.6	1400*	1.0	2360	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.5	1400*	1.0	2810	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.42	1400*	1.0	3348	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.35	1400*	1.0	4019	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.28	1400*	1.0	5062	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.24	1400*	1.0	5935	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.19	1400*	1.0	7329	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.18	1400*	1.0	8120	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.15	1400*	1.0	9324	**BF50G10-../DHE06LA4**	86	13600	-
0.12	0.95	820	3.0	1494	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.85	920	2.7	1658	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.75	1080	2.3	1955	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.65	1300	1.9	2172	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.5	1790	1.4	2781	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.43	2150	1.15	3237	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.36	2500*	1.0	3883	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.3	2500*	1.0	4646	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.27	2500*	1.0	5241	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.24	2500*	1.0	6014	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.21	2500*	1.0	6679	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.17	2500*	1.0	8235	**BF60G20-../DHE06LA4**	134	15300	43300
0.12	0.49	1840	3.1	2849	**BF70G20-../DHE06LA4**	212	16100	47700
0.12	0.41	2300	2.5	3417	**BF70G20-../DHE06LA4**	212	16100	47700
0.12	0.34	2850	2.0	4090	**BF70G20-../DHE06LA4**	212	16100	47700
0.12	0.31	3200	1.8	4542	**BF70G20-../DHE06LA4**	212	16100	47700
0.12	0.28	3600	1.6	5124	**BF70G20-../DHE06LA4**	212	16100	47700
0.12	0.25	4050	1.4	5691	**BF70G20-../DHE06LA4**	212	16100	47700
0.12	0.22	4700	1.2	6530	**BF70G20-../DHE06LA4**	212	16100	47700
0.12	0.2	5200	1.1	7248	**BF70G20-../DHE06LA4**	212	16100	47700
0.12	0.18	5700*	1.0	8052	**BF70G20-../DHE06LA4**	212	16100	47700

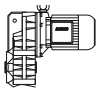
0.18 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.18	180	9.5	7.2	7.66	**BF06-../DHE05LA4**	10	1800	-
0.18	150	11.4	6.1	9.21	**BF06-../DHE05LA4**	10	1900	-
0.18	114	15	5.0	12.07	**BF06-../DHE05LA4**	10	2000	-
0.18	97	17.7	4.8	14.21	**BF06-../DHE05LA4**	10	2100	-
0.18	81	21	4.5	16.99	**BF06-../DHE05LA4**	10	2500	-
0.18	68	25	3.8	20.42	**BF06-../DHE05LA4**	10	2700	-
0.18	52	33	2.9	26.76	**BF06-../DHE05LA4**	10	3000	-
0.18	44	39	2.4	31.50	**BF06-../DHE05LA4**	10	3200	-
0.18	36.5	47	2.0	37.69	**BF06-../DHE05LA4**	10	3500	-
0.18	30	57	1.65	46.14	**BF06-../DHE05LA4**	10	3800	-
0.18	24	71	1.35	58.33	**BF06-../DHE05LA4**	10	4000	-
0.18	21	81	1.15	66.82	**BF06-../DHE05LA4**	10	4000	-
0.18	16.5	104	0.91	83.61	**BF06-../DHE05LA4**	10	4000	-
0.18	14.5	118	0.81	95.16	**BF06-../DHE05LA4**	10	4000	-
0.18	22.5	76	3.2	61.55	**BF10-../DHE06LA4**	23	4700	-
0.18	20.5	83	2.9	67.69	**BF10-../DHE06LA4**	23	4900	-
0.18	18	95	2.5	77.55	**BF10-../DHE06LA4**	23	5100	-
0.18	16.5	104	2.3	85.27	**BF10-../DHE06LA4**	23	5300	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

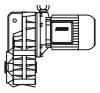
0.18 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.18	15.5	110	2.2	90.91	**BF10-../DHE06LA4**	23	5400	-
0.18	14	122	1.95	99.97	**BF10-../DHE06LA4**	23	5600	-
0.18	12.5	137	1.75	112.3	**BF10-../DHE06LA4**	23	5900	-
0.18	11.5	149	1.6	123.5	**BF10-../DHE06LA4**	23	6100	-
0.18	11	156	1.55	128.9	**BF10-../DHE06LA4**	23	6200	-
0.18	9.7	177	1.35	141.8	**BF10-../DHE06LA4**	23	6400	-
0.18	9.1	188	1.3	151.2	**BF10Z-../DHE06LA4**	24	6400	-
0.18	8.3	205	1.15	166.2	**BF10Z-../DHE06LA4**	24	6400	-
0.18	7.7	220	1.1	180.1	**BF10Z-../DHE06LA4**	24	6400	-
0.18	7.0	245	0.98	198.0	**BF10Z-../DHE06LA4**	24	6400	-
0.18	6.4	265	0.91	214.5	**BF10Z-../DHE06LA4**	24	6400	-
0.18	5.9	290	0.83	235.8	**BF10Z-../DHE06LA4**	24	6400	-
0.18	12.5	137	3.1	110.2	**BF20-../DHE06LA4**	30	7300	-
0.18	11.5	149	2.8	123.5	**BF20-../DHE06LA4**	30	7600	-
0.18	10.5	163	2.6	135.9	**BF20-../DHE06LA4**	30	7900	-
0.18	9.8	175	2.4	141.2	**BF20Z-../DHE06LA4**	31	7900	-
0.18	8.9	193	2.2	155.4	**BF20Z-../DHE06LA4**	31	7900	-
0.18	8.4	200	2.1	164.3	**BF20Z-../DHE06LA4**	31	7900	-
0.18	7.6	225	1.85	180.8	**BF20Z-../DHE06LA4**	31	7900	-
0.18	7.0	245	1.7	197.1	**BF20Z-../DHE06LA4**	31	7900	-
0.18	6.4	265	1.6	216.9	**BF20Z-../DHE06LA4**	31	7900	-
0.18	5.9	290	1.45	235.9	**BF20Z-../DHE06LA4**	31	7900	-
0.18	5.3	320	1.3	259.6	**BF20Z-../DHE06LA4**	31	7900	-
0.18	4.7	365	1.15	295.5	**BF20Z-../DHE06LA4**	31	7900	-
0.18	4.3	395	1.05	325.2	**BF20Z-../DHE06LA4**	31	7900	-
0.18	4.1	415	1.0	339.1	**BF20Z-../DHE06LA4**	31	7900	-
0.18	3.7	460	0.91	373.1	**BF20Z-../DHE06LA4**	31	7900	-
0.18	3.3	520	0.81	418.1	**BF20Z-../DHE06LA4**	31	7900	-
0.18	9.1	188	3.1	150.7	**BF30Z-../DHE06LA4**	42	7400	-
0.18	8.3	205	2.8	165.8	**BF30Z-../DHE06LA4**	42	7400	-
0.18	7.8	220	2.6	176.6	**BF30Z-../DHE06LA4**	42	7400	-
0.18	7.1	240	2.4	194.3	**BF30Z-../DHE06LA4**	42	7400	-
0.18	6.1	280	2.1	224.8	**BF30Z-../DHE06LA4**	42	7400	-
0.18	5.6	305	1.9	247.3	**BF30Z-../DHE06LA4**	42	7400	-
0.18	5.2	330	1.75	263.5	**BF30Z-../DHE06LA4**	42	7400	-
0.18	4.8	355	1.6	289.8	**BF30Z-../DHE06LA4**	42	7400	-
0.18	4.5	380	1.5	310.7	**BF30Z-../DHE06LA4**	42	7400	-
0.18	4.1	415	1.4	341.8	**BF30Z-../DHE06LA4**	42	7400	-
0.18	3.7	460	1.25	375.1	**BF30Z-../DHE06LA4**	42	7400	-
0.18	3.4	500	1.15	412.6	**BF30Z-../DHE06LA4**	42	7400	-
0.18	3.0	570	1.0	463.3	**BF30Z-../DHE06LA4**	42	7400	-
0.18	2.6	660	0.87	537.0	**BF30Z-../DHE06LA4**	42	7400	-
0.18	2.4	710	0.81	590.7	**BF30Z-../DHE06LA4**	42	7400	-
0.18	2.3	680	0.93	622.4	**BF30G06-../DHE06LA4**	45	7400	-
0.18	6.2	275	3.3	222.4	**BF40Z-../DHE06LA4**	53	10600	-
0.18	5.5	310	2.9	253.2	**BF40Z-../DHE06LA4**	53	10600	-
0.18	5.0	340	2.6	278.5	**BF40Z-../DHE06LA4**	53	10600	-
0.18	4.7	365	2.5	295.1	**BF40Z-../DHE06LA4**	53	10600	-
0.18	4.3	395	2.3	324.7	**BF40Z-../DHE06LA4**	53	10600	-
0.18	4.0	425	2.1	346.8	**BF40Z-../DHE06LA4**	53	10600	-
0.18	3.6	475	1.9	381.5	**BF40Z-../DHE06LA4**	53	10600	-
0.18	3.3	520	1.75	417.3	**BF40Z-../DHE06LA4**	53	10600	-
0.18	3.0	570	1.6	459.1	**BF40Z-../DHE06LA4**	53	10600	-
0.18	2.7	630	1.45	514.6	**BF40Z-../DHE06LA4**	53	10600	-
0.18	2.5	680	1.3	566.1	**BF40Z-../DHE06LA4**	53	10600	-
0.18	2.3	560	1.8	597.3	**BF40G10-../DHE06LA4**	58	10600	-
0.18	1.9	690	1.45	731.6	**BF40G10-../DHE06LA4**	58	10600	-
0.18	1.5	920	1.1	928.9	**BF40G10-../DHE06LA4**	58	10600	-
0.18	1.3	1080	0.93	1106	**BF40G10-../DHE06LA4**	58	10600	-
0.18	4.4	390	3.3	316.6	**BF50Z-../DHE06LA4**	82	13600	-
0.18	3.9	440	3.0	354.0	**BF50Z-../DHE06LA4**	82	13600	-
0.18	3.5	490	2.7	392.8	**BF50Z-../DHE06LA4**	82	13600	-
0.18	3.2	530	2.5	439.3	**BF50Z-../DHE06LA4**	82	13600	-
0.18	2.8	610	2.1	496.4	**BF50Z-../DHE06LA4**	82	13600	-
0.18	2.5	680	1.9	555.2	**BF50Z-../DHE06LA4**	82	13600	-
0.18	2.1	620	2.3	680.9	**BF50G10-../DHE06LA4**	86	13600	-

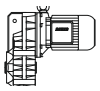
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.18 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.18	1.6	860	1.65	864.5	**BF50G10-../DHE06LA4**	86	13600	-
0.18	1.4	1000	1.4	1029	**BF50G10-../DHE06LA4**	86	13600	-
0.18	1.2	1220	1.15	1203	**BF50G10-../DHE06LA4**	86	13600	-
0.18	1.1	1320	1.05	1359	**BF50G10-../DHE06LA4**	86	13600	-
0.18	1.5	870	2.9	937.6	**BF60G20-../DHE06LA4**	134	15300	43300
0.18	1.2	1120	2.2	1211	**BF60G20-../DHE06LA4**	134	15300	43300
0.18	0.95	1430	1.75	1494	**BF60G20-../DHE06LA4**	134	15300	43300
0.18	0.85	1600	1.55	1658	**BF60G20-../DHE06LA4**	134	15300	43300
0.18	0.75	1840	1.35	1955	**BF60G20-../DHE06LA4**	134	15300	43300
0.18	0.65	2150	1.15	2172	**BF60G20-../DHE06LA4**	134	15300	43300
0.18	0.75	1850	3.1	1912	**BF70G20-../DHE06LA4**	212	16100	47700
0.18	0.6	2350	2.4	2448	**BF70G20-../DHE06LA4**	212	16100	47700
0.18	0.49	3000	1.9	2849	**BF70G20-../DHE06LA4**	212	16100	47700
0.18	0.41	3700	1.55	3417	**BF70G20-../DHE06LA4**	212	16100	47700
0.18	0.34	4550	1.25	4090	**BF70G20-../DHE06LA4**	212	16100	47700
0.18	0.31	5000	1.15	4542	**BF70G20-../DHE06LA4**	212	16100	47700

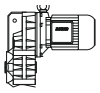
0.25 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.25	180	13.2	5.2	7.66	**BF06-../DHE07LA4**	14	1800	-
0.25	150	15.9	4.4	9.21	**BF06-../DHE07LA4**	14	1900	-
0.25	114	20.5	3.7	12.07	**BF06-../DHE07LA4**	14	2000	-
0.25	97	24.5	3.5	14.21	**BF06-../DHE07LA4**	14	2100	-
0.25	81	29	3.3	16.99	**BF06-../DHE07LA4**	14	2500	-
0.25	68	35	2.7	20.42	**BF06-../DHE07LA4**	14	2700	-
0.25	52	45.5	2.1	26.76	**BF06-../DHE07LA4**	14	3000	-
0.25	44	54	1.75	31.50	**BF06-../DHE07LA4**	14	3200	-
0.25	36.5	65	1.45	37.69	**BF06-../DHE07LA4**	14	3500	-
0.25	30	79	1.2	46.14	**BF06-../DHE07LA4**	14	3800	-
0.25	24	99	0.96	58.33	**BF06-../DHE07LA4**	14	4000	-
0.25	21	113	0.84	66.82	**BF06-../DHE07LA4**	14	4000	-
0.25	32	74	3.2	43.06	**BF10-../DHE07LA4**	26	4100	-
0.25	29.5	80	3.0	47.35	**BF10-../DHE07LA4**	26	4250	-
0.25	27	88	2.7	51.28	**BF10-../DHE07LA4**	26	4400	-
0.25	24.5	97	2.5	56.39	**BF10-../DHE07LA4**	26	4550	-
0.25	22.5	106	2.3	61.55	**BF10-../DHE07LA4**	26	4700	-
0.25	20.5	116	2.1	67.69	**BF10-../DHE07LA4**	26	4900	-
0.25	18	132	1.8	77.55	**BF10-../DHE07LA4**	26	5100	-
0.25	16.5	144	1.65	85.27	**BF10-../DHE07LA4**	26	5300	-
0.25	15.5	154	1.55	90.91	**BF10-../DHE07LA4**	26	5400	-
0.25	14	170	1.4	99.97	**BF10-../DHE07LA4**	26	5600	-
0.25	12.5	191	1.25	112.3	**BF10-../DHE07LA4**	26	5900	-
0.25	11.5	205	1.15	123.5	**BF10-../DHE07LA4**	26	6100	-
0.25	11	215	1.1	128.9	**BF10-../DHE07LA4**	26	6200	-
0.25	9.7	245	0.98	141.8	**BF10-../DHE07LA4**	26	6400	-
0.25	9.1	260	0.92	151.2	**BF10Z-../DHE07LA4**	27	6400	-
0.25	8.3	285	0.84	166.2	**BF10Z-../DHE07LA4**	27	6400	-
0.25	18	132	3.2	76.69	**BF20-../DHE07LA4**	32	6300	-
0.25	16	149	2.8	87.31	**BF20-../DHE07LA4**	32	6600	-
0.25	14	170	2.5	100.2	**BF20-../DHE07LA4**	32	7000	-
0.25	12.5	191	2.2	110.2	**BF20-../DHE07LA4**	32	7300	-
0.25	11.5	205	2.0	123.5	**BF20-../DHE07LA4**	32	7600	-
0.25	10.5	225	1.85	135.9	**BF20-../DHE07LA4**	32	7900	-
0.25	9.8	240	1.75	141.2	**BF20Z-../DHE07LA4**	34	7900	-
0.25	8.9	265	1.6	155.4	**BF20Z-../DHE07LA4**	34	7900	-
0.25	8.4	280	1.5	164.3	**BF20Z-../DHE07LA4**	34	7900	-
0.25	7.7	310	1.35	180.8	**BF20Z-../DHE07LA4**	34	7900	-
0.25	7.0	340	1.25	197.1	**BF20Z-../DHE07LA4**	34	7900	-
0.25	6.4	370	1.15	216.9	**BF20Z-../DHE07LA4**	34	7900	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

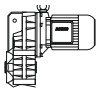
0.25 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.25	5.9	400	1.05	235.9	**BF20Z-../DHE07LA4**	34	7900	-
0.25	5.3	450	0.93	259.6	**BF20Z-../DHE07LA4**	34	7900	-
0.25	4.7	500	0.84	295.5	**BF20Z-../DHE07LA4**	34	7900	-
0.25	13	183	3.1	107.6	**BF30-../DHE07LA4**	42	6700	-
0.25	12	198	2.9	118.3	**BF30-../DHE07LA4**	42	7000	-
0.25	11.5	205	2.8	124.7	**BF30-../DHE07LA4**	42	7100	-
0.25	10.5	225	2.6	137.1	**BF30-../DHE07LA4**	42	7400	-
0.25	9.2	255	2.3	150.7	**BF30Z-../DHE07LA4**	45	7400	-
0.25	8.3	285	2.0	165.8	**BF30Z-../DHE07LA4**	45	7400	-
0.25	7.8	305	1.9	176.6	**BF30Z-../DHE07LA4**	45	7400	-
0.25	7.1	335	1.7	194.3	**BF30Z-../DHE07LA4**	45	7400	-
0.25	6.2	385	1.5	224.8	**BF30Z-../DHE07LA4**	45	7400	-
0.25	5.6	425	1.35	247.3	**BF30Z-../DHE07LA4**	45	7400	-
0.25	5.3	450	1.3	263.5	**BF30Z-../DHE07LA4**	45	7400	-
0.25	4.8	495	1.15	289.8	**BF30Z-../DHE07LA4**	45	7400	-
0.25	4.5	530	1.1	310.7	**BF30Z-../DHE07LA4**	45	7400	-
0.25	4.1	580	0.99	341.8	**BF30Z-../DHE07LA4**	45	7400	-
0.25	3.7	640	0.9	375.1	**BF30Z-../DHE07LA4**	45	7400	-
0.25	3.4	700	0.82	412.6	**BF30Z-../DHE07LA4**	45	7400	-
0.25	8.1	290	3.1	171.2	**BF40Z-../DHE07LA4**	55	10600	-
0.25	7.4	320	2.8	188.3	**BF40Z-../DHE07LA4**	55	10600	-
0.25	6.9	345	2.6	202.2	**BF40Z-../DHE07LA4**	55	10600	-
0.25	6.2	385	2.3	222.4	**BF40Z-../DHE07LA4**	55	10600	-
0.25	5.5	430	2.1	253.2	**BF40Z-../DHE07LA4**	55	10600	-
0.25	5.0	475	1.9	278.5	**BF40Z-../DHE07LA4**	55	10600	-
0.25	4.7	500	1.8	295.1	**BF40Z-../DHE07LA4**	55	10600	-
0.25	4.3	550	1.65	324.7	**BF40Z-../DHE07LA4**	55	10600	-
0.25	4.0	590	1.55	346.8	**BF40Z-../DHE07LA4**	55	10600	-
0.25	3.7	640	1.4	381.5	**BF40Z-../DHE07LA4**	55	10600	-
0.25	3.3	720	1.25	417.3	**BF40Z-../DHE07LA4**	55	10600	-
0.25	3.0	790	1.15	459.1	**BF40Z-../DHE07LA4**	55	10600	-
0.25	2.7	880	1.0	514.6	**BF40Z-../DHE07LA4**	55	10600	-
0.25	2.5	950	0.95	566.1	**BF40Z-../DHE07LA4**	55	10600	-
0.25	2.4	800	1.25	597.3	**BF40G10-../DHE07LA4**	61	10600	-
0.25	1.9	1050	0.95	731.6	**BF40G10-../DHE07LA4**	61	10600	-
0.25	5.6	425	3.1	247.5	**BF50Z-../DHE07LA4**	85	13600	-
0.25	5.0	475	2.7	276.8	**BF50Z-../DHE07LA4**	85	13600	-
0.25	4.4	540	2.4	316.6	**BF50Z-../DHE07LA4**	85	13600	-
0.25	3.9	610	2.1	354.0	**BF50Z-../DHE07LA4**	85	13600	-
0.25	3.6	660	1.95	392.8	**BF50Z-../DHE07LA4**	85	13600	-
0.25	3.2	740	1.75	439.3	**BF50Z-../DHE07LA4**	85	13600	-
0.25	2.8	850	1.55	496.4	**BF50Z-../DHE07LA4**	85	13600	-
0.25	2.5	950	1.35	555.2	**BF50Z-../DHE07LA4**	85	13600	-
0.25	2.1	940	1.5	680.9	**BF50G10-../DHE07LA4**	89	13600	-
0.25	1.6	1280	1.1	864.5	**BF50G10-../DHE07LA4**	89	13600	-
0.25	1.4	1480	0.95	1029	**BF50G10-../DHE07LA4**	89	13600	-
0.25	2.0	900	2.8	689.0	**BF60G20-../DHE07LA4**	136	15300	43300
0.25	1.7	1090	2.3	813.2	**BF60G20-../DHE07LA4**	136	15300	43300
0.25	1.5	1310	1.9	937.6	**BF60G20-../DHE07LA4**	136	15300	43300
0.25	1.2	1680	1.5	1211	**BF60G20-../DHE07LA4**	136	15300	43300
0.25	0.95	2100	1.2	1494	**BF60G20-../DHE07LA4**	136	15300	43300
0.25	0.85	2350	1.05	1658	**BF60G20-../DHE07LA4**	136	15300	43300
0.25	1.0	2000	2.9	1390	**BF70G20-../DHE07LA4**	215	16100	47700
0.25	0.85	2350	2.4	1621	**BF70G20-../DHE07LA4**	215	16100	47700
0.25	0.75	2700	2.1	1912	**BF70G20-../DHE07LA4**	215	16100	47700
0.25	0.6	3500	1.65	2448	**BF70G20-../DHE07LA4**	215	16100	47700
0.25	0.49	4350	1.3	2849	**BF70G20-../DHE07LA4**	215	16100	47700
0.25	0.41	5300	1.1	3417	**BF70G20-../DHE07LA4**	215	16100	47700

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

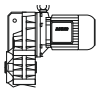
0.3 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.3	178	16	4.3	7.66	**BF06-../DHE07LA4**	14	1800	-
0.3	148	19.3	3.6	9.21	**BF06-../DHE07LA4**	14	1900	-
0.3	113	25	3.0	12.07	**BF06-../DHE07LA4**	14	2000	-
0.3	96	29.5	2.9	14.21	**BF06-../DHE07LA4**	14	2100	-
0.3	81	35	2.7	16.99	**BF06-../DHE07LA4**	14	2500	-
0.3	67	42.5	2.2	20.42	**BF06-../DHE07LA4**	14	2700	-
0.3	51	56	1.7	26.76	**BF06-../DHE07LA4**	14	3000	-
0.3	43.5	65	1.45	31.50	**BF06-../DHE07LA4**	14	3200	-
0.3	36.5	78	1.2	37.69	**BF06-../DHE07LA4**	14	3500	-
0.3	29.5	97	0.98	46.14	**BF06-../DHE07LA4**	14	3800	-
0.3	38	75	3.2	36.15	**BF10-../DHE07LA4**	26	3800	-
0.3	34.5	83	2.9	39.75	**BF10-../DHE07LA4**	26	3950	-
0.3	32	89	2.7	43.06	**BF10-../DHE07LA4**	26	4100	-
0.3	29	98	2.4	47.35	**BF10-../DHE07LA4**	26	4250	-
0.3	27	106	2.3	51.28	**BF10-../DHE07LA4**	26	4400	-
0.3	24.5	116	2.1	56.39	**BF10-../DHE07LA4**	26	4550	-
0.3	22.5	127	1.9	61.55	**BF10-../DHE07LA4**	26	4700	-
0.3	20.5	139	1.75	67.69	**BF10-../DHE07LA4**	26	4900	-
0.3	18	159	1.5	77.55	**BF10-../DHE07LA4**	26	5100	-
0.3	16	179	1.35	85.27	**BF10-../DHE07LA4**	26	5300	-
0.3	15	191	1.25	90.91	**BF10-../DHE07LA4**	26	5400	-
0.3	14	200	1.2	99.97	**BF10-../DHE07LA4**	26	5600	-
0.3	12.5	225	1.05	112.3	**BF10-../DHE07LA4**	26	5900	-
0.3	11.5	245	0.98	123.5	**BF10-../DHE07LA4**	26	6100	-
0.3	11	260	0.92	128.9	**BF10-../DHE07LA4**	26	6200	-
0.3	9.6	295	0.81	141.8	**BF10-../DHE07LA4**	26	6400	-
0.3	21.5	133	3.2	64.08	**BF20-../DHE07LA4**	32	5900	-
0.3	20	143	2.9	69.70	**BF20-../DHE07LA4**	32	6100	-
0.3	18	159	2.6	76.69	**BF20-../DHE07LA4**	32	6300	-
0.3	16	179	2.3	87.31	**BF20-../DHE07LA4**	32	6600	-
0.3	14	200	2.1	100.2	**BF20-../DHE07LA4**	32	7000	-
0.3	12.5	225	1.85	110.2	**BF20-../DHE07LA4**	32	7300	-
0.3	11.5	245	1.7	123.5	**BF20-../DHE07LA4**	32	7600	-
0.3	10.5	270	1.55	135.9	**BF20-../DHE07LA4**	32	7900	-
0.3	9.7	295	1.4	141.2	**BF20Z-../DHE07LA4**	34	7900	-
0.3	8.8	325	1.3	155.4	**BF20Z-../DHE07LA4**	34	7900	-
0.3	8.3	345	1.2	164.3	**BF20Z-../DHE07LA4**	34	7900	-
0.3	7.6	375	1.1	180.8	**BF20Z-../DHE07LA4**	34	7900	-
0.3	7.0	405	1.05	197.1	**BF20Z-../DHE07LA4**	34	7900	-
0.3	6.3	450	0.93	216.9	**BF20Z-../DHE07LA4**	34	7900	-
0.3	5.8	490	0.86	235.9	**BF20Z-../DHE07LA4**	34	7900	-
0.3	16	179	3.2	87.08	**BF30-../DHE07LA4**	42	6200	-
0.3	14.5	197	2.9	95.79	**BF30-../DHE07LA4**	42	6400	-
0.3	13	220	2.6	107.6	**BF30-../DHE07LA4**	42	6700	-
0.3	11.5	245	2.3	118.3	**BF30-../DHE07LA4**	42	7000	-
0.3	11	260	2.2	124.7	**BF30-../DHE07LA4**	42	7100	-
0.3	10	285	2.0	137.1	**BF30-../DHE07LA4**	42	7400	-
0.3	9.1	310	1.85	150.7	**BF30Z-../DHE07LA4**	45	7400	-
0.3	8.3	345	1.65	165.8	**BF30Z-../DHE07LA4**	45	7400	-
0.3	7.8	365	1.6	176.6	**BF30Z-../DHE07LA4**	45	7400	-
0.3	7.0	405	1.4	194.3	**BF30Z-../DHE07LA4**	45	7400	-
0.3	6.1	465	1.25	224.8	**BF30Z-../DHE07LA4**	45	7400	-
0.3	5.5	520	1.1	247.3	**BF30Z-../DHE07LA4**	45	7400	-
0.3	5.2	550	1.05	263.5	**BF30Z-../DHE07LA4**	45	7400	-
0.3	4.7	600	0.96	289.8	**BF30Z-../DHE07LA4**	45	7400	-
0.3	4.4	650	0.88	310.7	**BF30Z-../DHE07LA4**	45	7400	-
0.3	4.0	710	0.81	341.8	**BF30Z-../DHE07LA4**	45	7400	-
0.3	9.7	295	3.1	141.4	**BF40Z-../DHE07LA4**	55	10600	-
0.3	8.8	325	2.8	155.6	**BF40Z-../DHE07LA4**	55	10600	-
0.3	8.0	355	2.5	171.2	**BF40Z-../DHE07LA4**	55	10600	-
0.3	7.3	390	2.3	188.3	**BF40Z-../DHE07LA4**	55	10600	-
0.3	6.8	420	2.1	202.2	**BF40Z-../DHE07LA4**	55	10600	-
0.3	6.2	460	1.95	222.4	**BF40Z-../DHE07LA4**	55	10600	-
0.3	5.4	530	1.7	253.2	**BF40Z-../DHE07LA4**	55	10600	-
0.3	4.9	580	1.55	278.5	**BF40Z-../DHE07LA4**	55	10600	-
0.3	4.7	600	1.5	295.1	**BF40Z-../DHE07LA4**	55	10600	-

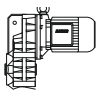
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.3 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.3	4.2	680	1.3	324.7	**BF40Z-../DHE07LA4**	55	10600	-
0.3	4.0	710	1.25	346.8	**BF40Z-../DHE07LA4**	55	10600	-
0.3	3.6	790	1.15	381.5	**BF40Z-../DHE07LA4**	55	10600	-
0.3	3.3	860	1.05	417.3	**BF40Z-../DHE07LA4**	55	10600	-
0.3	3.0	950	0.95	459.1	**BF40Z-../DHE07LA4**	55	10600	-
0.3	2.7	1060	0.85	514.6	**BF40Z-../DHE07LA4**	55	10600	-
0.3	2.3	1050	0.95	597.3	**BF40G10-../DHE07LA4**	61	10600	-
0.3	6.7	425	3.1	205.2	**BF50Z-../DHE07LA4**	85	13600	-
0.3	5.5	520	2.5	247.5	**BF50Z-../DHE07LA4**	85	13600	-
0.3	5.0	570	2.3	276.8	**BF50Z-../DHE07LA4**	85	13600	-
0.3	4.3	660	1.95	316.6	**BF50Z-../DHE07LA4**	85	13600	-
0.3	3.9	730	1.8	354.0	**BF50Z-../DHE07LA4**	85	13600	-
0.3	3.5	810	1.6	392.8	**BF50Z-../DHE07LA4**	85	13600	-
0.3	3.1	920	1.4	439.3	**BF50Z-../DHE07LA4**	85	13600	-
0.3	2.8	1020	1.25	496.4	**BF50Z-../DHE07LA4**	85	13600	-
0.3	2.5	1140	1.15	555.2	**BF50Z-../DHE07LA4**	85	13600	-
0.3	2.0	1240	1.15	680.9	**BF50G10-../DHE07LA4**	89	13600	-
0.3	1.6	1580	0.89	864.5	**BF50G10-../DHE07LA4**	89	13600	-
0.3	2.4	950	2.6	569.3	**BF60G20-../DHE07LA4**	136	15300	43300
0.3	2.0	1140	2.2	689.0	**BF60G20-../DHE07LA4**	136	15300	43300
0.3	1.7	1370	1.8	813.2	**BF60G20-../DHE07LA4**	136	15300	43300
0.3	1.5	1630	1.55	937.6	**BF60G20-../DHE07LA4**	136	15300	43300
0.3	1.2	2050	1.2	1211	**BF60G20-../DHE07LA4**	136	15300	43300
0.3	1.4	1740	3.3	1017	**BF70G20-../DHE07LA4**	215	16100	47700
0.3	1.0	2500	2.3	1390	**BF70G20-../DHE07LA4**	215	16100	47700
0.3	0.85	2950	1.95	1621	**BF70G20-../DHE07LA4**	215	16100	47700
0.3	0.75	3350	1.7	1912	**BF70G20-../DHE07LA4**	215	16100	47700
0.3	0.6	4250	1.35	2448	**BF70G20-../DHE07LA4**	215	16100	47700
0.3	0.48	5400	1.05	2849	**BF70G20-../DHE07LA4**	215	16100	47700

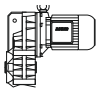
0.37 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.37	250	14.1	4.4	5.72	**BF06-../DHE08MA4**	16	1600	-
0.37	187	18.8	3.6	7.66	**BF06-../DHE08MA4**	16	1800	-
0.37	156	22.5	3.1	9.21	**BF06-../DHE08MA4**	16	1900	-
0.37	119	29.5	2.5	12.07	**BF06-../DHE08MA4**	16	2000	-
0.37	101	34.5	2.5	14.21	**BF06-../DHE08MA4**	16	2100	-
0.37	85	41.5	2.3	16.99	**BF06-../DHE08MA4**	16	2500	-
0.37	71	49.5	1.9	20.42	**BF06-../DHE08MA4**	16	2700	-
0.37	54	65	1.45	26.76	**BF06-../DHE08MA4**	16	3000	-
0.37	45.5	77	1.25	31.50	**BF06-../DHE08MA4**	16	3200	-
0.37	38	92	1.05	37.69	**BF06-../DHE08MA4**	16	3500	-
0.37	31	113	0.84	46.14	**BF06-../DHE08MA4**	16	3800	-
0.37	46	76	3.2	31.31	**BF10-../DHE08MA4**	27	3600	-
0.37	40	88	2.7	36.15	**BF10-../DHE08MA4**	27	3800	-
0.37	36	98	2.4	39.75	**BF10-../DHE08MA4**	27	3950	-
0.37	33.5	105	2.3	43.06	**BF10-../DHE08MA4**	27	4100	-
0.37	30.5	115	2.1	47.35	**BF10-../DHE08MA4**	27	4250	-
0.37	28	126	1.9	51.28	**BF10-../DHE08MA4**	27	4400	-
0.37	25.5	138	1.75	56.39	**BF10-../DHE08MA4**	27	4550	-
0.37	23.5	150	1.6	61.55	**BF10-../DHE08MA4**	27	4700	-
0.37	21.5	164	1.45	67.69	**BF10-../DHE08MA4**	27	4900	-
0.37	18.5	191	1.25	77.55	**BF10-../DHE08MA4**	27	5100	-
0.37	17	205	1.15	85.27	**BF10-../DHE08MA4**	27	5300	-
0.37	16	220	1.1	90.91	**BF10-../DHE08MA4**	27	5400	-
0.37	14.5	240	1.0	99.97	**BF10-../DHE08MA4**	27	5600	-
0.37	13	270	0.89	112.3	**BF10-../DHE08MA4**	27	5900	-
0.37	12	290	0.83	123.5	**BF10-../DHE08MA4**	27	6100	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

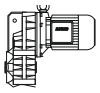
0.37 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.37	27	130	3.2	53.43	**BF20-../DHE08MA4**	33	5500	-
0.37	25	141	3.0	58.24	**BF20-../DHE08MA4**	33	5600	-
0.37	22.5	157	2.7	64.08	**BF20-../DHE08MA4**	33	5900	-
0.37	21	168	2.5	69.70	**BF20-../DHE08MA4**	33	6100	-
0.37	19	185	2.3	76.69	**BF20-../DHE08MA4**	33	6300	-
0.37	16.5	210	2.0	87.31	**BF20-../DHE08MA4**	33	6600	-
0.37	14.5	240	1.75	100.2	**BF20-../DHE08MA4**	33	7000	-
0.37	13	270	1.55	110.2	**BF20-../DHE08MA4**	33	7300	-
0.37	12	290	1.45	123.5	**BF20-../DHE08MA4**	33	7600	-
0.37	11	320	1.3	135.9	**BF20-../DHE08MA4**	33	7900	-
0.37	10.5	335	1.25	141.2	**BF20Z-../DHE08MA4**	35	7900	-
0.37	9.3	375	1.1	155.4	**BF20Z-../DHE08MA4**	35	7900	-
0.37	8.8	400	1.05	164.3	**BF20Z-../DHE08MA4**	35	7900	-
0.37	8.0	440	0.95	180.8	**BF20Z-../DHE08MA4**	35	7900	-
0.37	7.3	480	0.88	197.1	**BF20Z-../DHE08MA4**	35	7900	-
0.37	20	176	3.3	72.13	**BF30-../DHE08MA4**	43	5700	-
0.37	18.5	191	3.0	79.34	**BF30-../DHE08MA4**	43	5900	-
0.37	16.5	210	2.7	87.08	**BF30-../DHE08MA4**	43	6200	-
0.37	15	235	2.4	95.79	**BF30-../DHE08MA4**	43	6400	-
0.37	13.5	260	2.2	107.6	**BF30-../DHE08MA4**	43	6700	-
0.37	12.5	280	2.1	118.3	**BF30-../DHE08MA4**	43	7000	-
0.37	11.5	305	1.9	124.7	**BF30-../DHE08MA4**	43	7100	-
0.37	10.5	335	1.7	137.1	**BF30-../DHE08MA4**	43	7400	-
0.37	9.5	370	1.55	150.7	**BF30Z-../DHE08MA4**	46	7400	-
0.37	8.7	405	1.4	165.8	**BF30Z-../DHE08MA4**	46	7400	-
0.37	8.1	435	1.3	176.6	**BF30Z-../DHE08MA4**	46	7400	-
0.37	7.4	475	1.2	194.3	**BF30Z-../DHE08MA4**	46	7400	-
0.37	6.4	550	1.05	224.8	**BF30Z-../DHE08MA4**	46	7400	-
0.37	5.8	600	0.96	247.3	**BF30Z-../DHE08MA4**	46	7400	-
0.37	5.5	640	0.9	263.5	**BF30Z-../DHE08MA4**	46	7400	-
0.37	5.0	700	0.82	289.8	**BF30Z-../DHE08MA4**	46	7400	-
0.37	13	270	3.3	111.1	**BF40-../DHE08MA4**	53	9800	-
0.37	11.5	305	3.0	124.5	**BF40-../DHE08MA4**	53	10200	-
0.37	10.5	335	2.7	137.0	**BF40-../DHE08MA4**	53	10600	-
0.37	9.2	380	2.4	155.6	**BF40Z-../DHE08MA4**	56	10600	-
0.37	8.4	420	2.1	171.2	**BF40Z-../DHE08MA4**	56	10600	-
0.37	7.6	460	1.95	188.3	**BF40Z-../DHE08MA4**	56	10600	-
0.37	7.1	495	1.8	202.2	**BF40Z-../DHE08MA4**	56	10600	-
0.37	6.5	540	1.65	222.4	**BF40Z-../DHE08MA4**	56	10600	-
0.37	5.7	610	1.5	253.2	**BF40Z-../DHE08MA4**	56	10600	-
0.37	5.2	670	1.35	278.5	**BF40Z-../DHE08MA4**	56	10600	-
0.37	4.9	720	1.25	295.1	**BF40Z-../DHE08MA4**	56	10600	-
0.37	4.5	780	1.15	324.7	**BF40Z-../DHE08MA4**	56	10600	-
0.37	4.2	840	1.05	346.8	**BF40Z-../DHE08MA4**	56	10600	-
0.37	3.8	920	0.98	381.5	**BF40Z-../DHE08MA4**	56	10600	-
0.37	3.5	1000	0.9	417.3	**BF40Z-../DHE08MA4**	56	10600	-
0.37	3.2	1100	0.82	459.1	**BF40Z-../DHE08MA4**	56	10600	-
0.37	7.8	450	2.9	183.5	**BF50Z-../DHE08MA4**	86	13600	-
0.37	7.0	500	2.6	205.2	**BF50Z-../DHE08MA4**	86	13600	-
0.37	5.8	600	2.2	247.5	**BF50Z-../DHE08MA4**	86	13600	-
0.37	5.2	670	1.95	276.8	**BF50Z-../DHE08MA4**	86	13600	-
0.37	4.6	760	1.7	316.6	**BF50Z-../DHE08MA4**	86	13600	-
0.37	4.1	860	1.5	354.0	**BF50Z-../DHE08MA4**	86	13600	-
0.37	3.7	950	1.35	392.8	**BF50Z-../DHE08MA4**	86	13600	-
0.37	3.3	1070	1.2	439.3	**BF50Z-../DHE08MA4**	86	13600	-
0.37	2.9	1210	1.05	496.4	**BF50Z-../DHE08MA4**	86	13600	-
0.37	2.6	1350	0.96	555.2	**BF50Z-../DHE08MA4**	86	13600	-
0.37	2.2	1410	0.99	680.9	**BF50G10-../DHE08MA4**	90	13600	-
0.37	4.9	720	3.2	293.4	**BF60Z-../DHE08MA4**	130	15300	43300
0.37	4.4	800	2.9	325.6	**BF60Z-../DHE08MA4**	130	15300	43300
0.37	3.8	920	2.5	380.0	**BF60Z-../DHE08MA4**	130	15300	43300
0.37	3.4	1030	2.2	421.6	**BF60Z-../DHE08MA4**	130	15300	43300
0.37	3.2	1100	2.1	459.9	**BF60Z-../DHE08MA4**	130	15300	43300
0.37	2.9	1210	1.9	510.3	**BF60Z-../DHE08MA4**	130	15300	43300
0.37	2.6	1120	2.2	569.3	**BF60G20-../DHE08MA4**	137	15300	43300
0.37	2.1	1390	1.8	689.0	**BF60G20-../DHE08MA4**	137	15300	43300

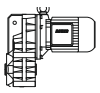
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.37 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.37	1.8	1650	1.5	813.2	**BF60G20-../DHE08MA4**	137	15300	43300
0.37	1.6	1930	1.3	937.6	**BF60G20-../DHE08MA4**	137	15300	43300
0.37	1.2	2600	0.96	1211	**BF60G20-../DHE08MA4**	137	15300	43300
0.37	1.7	1820	3.1	872.1	**BF70G20-../DHE08MA4**	216	16100	47700
0.37	1.5	2050	2.8	1017	**BF70G20-../DHE08MA4**	216	16100	47700
0.37	1.1	2850	2.0	1390	**BF70G20-../DHE08MA4**	216	16100	47700
0.37	0.9	3500	1.65	1621	**BF70G20-../DHE08MA4**	216	16100	47700
0.37	0.75	4250	1.35	1912	**BF70G20-../DHE08MA4**	216	16100	47700
0.37	0.6	5400	1.05	2448	**BF70G20-../DHE08MA4**	216	16100	47700
0.37	0.7	3450	3.0	2051	**BF80G40-../DHE08MA4**	340	39600	75000
0.37	0.6	4300	2.4	2422	**BF80G40-../DHE08MA4**	340	39600	75000
0.37	0.55	4400	2.4	2785	**BF80G40-../DHE08MA4**	340	39600	75000
0.37	0.47	5400	1.95	3092	**BF80G40-../DHE08MA4**	340	39600	75000
0.37	0.42	6200	1.7	3461	**BF80G40-../DHE08MA4**	340	39600	75000
0.37	0.38	7000	1.5	3843	**BF80G40-../DHE08MA4**	340	39600	75000
0.37	0.33	8400	1.25	4411	**BF80G40-../DHE08MA4**	340	39600	75000
0.37	0.3	9400	1.1	4895	**BF80G40-../DHE08MA4**	340	39600	75000
0.37	0.4	6300	2.9	3644	**BF90G50-../DHE08MA4**	610	42800	120000
0.37	0.33	8200	2.3	4366	**BF90G50-../DHE08MA4**	610	42800	120000
0.37	0.3	9200	2.0	4839	**BF90G50-../DHE08MA4**	610	42800	120000
0.37	0.25	11600	1.6	5888	**BF90G50-../DHE08MA4**	610	42800	120000
0.37	0.22	13500	1.35	6529	**BF90G50-../DHE08MA4**	610	42800	120000
0.37	0.19	16000	1.15	7533	**BF90G50-../DHE08MA4**	610	42800	120000
0.37	0.18	17100	1.1	8350	**BF90G50-../DHE08MA4**	610	42800	120000

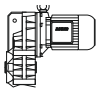
0.55 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.55	250	21	3.0	5.72	**BF06-../DHE08LA4**	17	1600	-
0.55	185	28	2.4	7.66	**BF06-../DHE08LA4**	17	1800	-
0.55	154	34	2.1	9.21	**BF06-../DHE08LA4**	17	1900	-
0.55	118	44.5	1.7	12.07	**BF06-../DHE08LA4**	17	2000	-
0.55	100	52	1.65	14.21	**BF06-../DHE08LA4**	17	2100	-
0.55	84	62	1.55	16.99	**BF06-../DHE08LA4**	17	2500	-
0.55	70	75	1.25	20.42	**BF06-../DHE08LA4**	17	2700	-
0.55	53	99	0.96	26.76	**BF06-../DHE08LA4**	17	3000	-
0.55	45	116	0.82	31.50	**BF06-../DHE08LA4**	17	3200	-
0.55	95	55	3.3	15.04	**BF10-../DHE08LA4**	28	2800	-
0.55	71	73	3.3	20.05	**BF10-../DHE08LA4**	28	3000	-
0.55	61	86	2.8	23.28	**BF10-../DHE08LA4**	28	3200	-
0.55	56	93	2.6	25.60	**BF10-../DHE08LA4**	28	3350	-
0.55	50	105	2.3	28.47	**BF10-../DHE08LA4**	28	3450	-
0.55	45.5	115	2.1	31.31	**BF10-../DHE08LA4**	28	3600	-
0.55	39.5	132	1.8	36.15	**BF10-../DHE08LA4**	28	3800	-
0.55	36	145	1.65	39.75	**BF10-../DHE08LA4**	28	3950	-
0.55	33	159	1.5	43.06	**BF10-../DHE08LA4**	28	4100	-
0.55	30	175	1.35	47.35	**BF10-../DHE08LA4**	28	4250	-
0.55	28	187	1.3	51.28	**BF10-../DHE08LA4**	28	4400	-
0.55	25.5	205	1.15	56.39	**BF10-../DHE08LA4**	28	4550	-
0.55	23	225	1.05	61.55	**BF10-../DHE08LA4**	28	4700	-
0.55	21	250	0.96	67.69	**BF10-../DHE08LA4**	28	4900	-
0.55	18.5	280	0.86	77.55	**BF10-../DHE08LA4**	28	5100	-
0.55	39.5	132	3.2	35.85	**BF20-../DHE08LA4**	35	4650	-
0.55	34	154	2.7	41.72	**BF20-../DHE08LA4**	35	4950	-
0.55	31	169	2.5	45.90	**BF20-../DHE08LA4**	35	5100	-
0.55	29.5	178	2.4	48.56	**BF20-../DHE08LA4**	35	5200	-
0.55	26.5	198	2.1	53.43	**BF20-../DHE08LA4**	35	5500	-
0.55	24.5	210	2.0	58.24	**BF20-../DHE08LA4**	35	5600	-
0.55	22.5	230	1.85	64.08	**BF20-../DHE08LA4**	35	5900	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

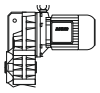
0.55 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.55	20.5	255	1.65	69.70	**BF20-../DHE08LA4**	35	6100	-
0.55	18.5	280	1.5	76.69	**BF20-../DHE08LA4**	35	6300	-
0.55	16.5	315	1.35	87.31	**BF20-../DHE08LA4**	35	6600	-
0.55	14.5	360	1.15	100.2	**BF20-../DHE08LA4**	35	7000	-
0.55	13	400	1.05	110.2	**BF20-../DHE08LA4**	35	7300	-
0.55	11.5	455	0.92	123.5	**BF20-../DHE08LA4**	35	7600	-
0.55	10.5	500	0.84	135.9	**BF20-../DHE08LA4**	35	7900	-
0.55	27.5	191	3.0	52.20	**BF30-../DHE08LA4**	45	5000	-
0.55	25	210	2.7	57.41	**BF30-../DHE08LA4**	45	5200	-
0.55	23.5	220	2.6	61.17	**BF30-../DHE08LA4**	45	5300	-
0.55	21.5	240	2.4	67.28	**BF30-../DHE08LA4**	45	5500	-
0.55	20	260	2.2	72.13	**BF30-../DHE08LA4**	45	5700	-
0.55	18	290	2.0	79.34	**BF30-../DHE08LA4**	45	5900	-
0.55	16.5	315	1.85	87.08	**BF30-../DHE08LA4**	45	6200	-
0.55	15	350	1.65	95.79	**BF30-../DHE08LA4**	45	6400	-
0.55	13.5	385	1.5	107.6	**BF30-../DHE08LA4**	45	6700	-
0.55	12	435	1.3	118.3	**BF30-../DHE08LA4**	45	7000	-
0.55	11.5	455	1.25	124.7	**BF30-../DHE08LA4**	45	7100	-
0.55	10.5	500	1.15	137.1	**BF30-../DHE08LA4**	45	7400	-
0.55	9.4	550	1.05	150.7	**BF30Z-../DHE08LA4**	48	7400	-
0.55	8.6	610	0.94	165.8	**BF30Z-../DHE08LA4**	48	7400	-
0.55	8.1	640	0.9	176.6	**BF30Z-../DHE08LA4**	48	7400	-
0.55	7.3	710	0.81	194.3	**BF30Z-../DHE08LA4**	48	7400	-
0.55	18.5	280	3.2	78.55	**BF40-../DHE08LA4**	54	8500	-
0.55	17	305	3.0	83.91	**BF40-../DHE08LA4**	54	8700	-
0.55	15.5	335	2.7	92.31	**BF40-../DHE08LA4**	54	9100	-
0.55	14.5	360	2.5	101.0	**BF40-../DHE08LA4**	54	9400	-
0.55	13	400	2.3	111.1	**BF40-../DHE08LA4**	54	9800	-
0.55	11.5	455	2.0	124.5	**BF40-../DHE08LA4**	54	10200	-
0.55	10.5	500	1.8	137.0	**BF40-../DHE08LA4**	54	10600	-
0.55	9.1	570	1.6	155.6	**BF40Z-../DHE08LA4**	58	10600	-
0.55	8.3	630	1.45	171.2	**BF40Z-../DHE08LA4**	58	10600	-
0.55	7.6	690	1.3	188.3	**BF40Z-../DHE08LA4**	58	10600	-
0.55	7.0	750	1.2	202.2	**BF40Z-../DHE08LA4**	58	10600	-
0.55	6.4	820	1.1	222.4	**BF40Z-../DHE08LA4**	58	10600	-
0.55	5.6	930	0.97	253.2	**BF40Z-../DHE08LA4**	58	10600	-
0.55	5.1	1020	0.88	278.5	**BF40Z-../DHE08LA4**	58	10600	-
0.55	4.8	1090	0.83	295.1	**BF40Z-../DHE08LA4**	58	10600	-
0.55	12.5	420	3.1	114.0	**BF50-../DHE08LA4**	83	12900	-
0.55	11.5	455	2.9	127.5	**BF50-../DHE08LA4**	83	13600	-
0.55	10.5	500	2.6	138.1	**BF50Z-../DHE08LA4**	88	13600	-
0.55	9.2	570	2.3	154.5	**BF50Z-../DHE08LA4**	88	13600	-
0.55	7.8	670	1.95	183.5	**BF50Z-../DHE08LA4**	88	13600	-
0.55	6.9	760	1.7	205.2	**BF50Z-../DHE08LA4**	88	13600	-
0.55	5.8	900	1.45	247.5	**BF50Z-../DHE08LA4**	88	13600	-
0.55	5.2	1010	1.3	276.8	**BF50Z-../DHE08LA4**	88	13600	-
0.55	4.5	1160	1.1	316.6	**BF50Z-../DHE08LA4**	88	13600	-
0.55	4.0	1310	0.99	354.0	**BF50Z-../DHE08LA4**	88	13600	-
0.55	3.7	1410	0.92	392.8	**BF50Z-../DHE08LA4**	88	13600	-
0.55	3.3	1590	0.82	439.3	**BF50Z-../DHE08LA4**	88	13600	-
0.55	7.6	690	3.3	187.7	**BF60Z-../DHE08LA4**	131	15300	43300
0.55	6.4	820	2.8	221.4	**BF60Z-../DHE08LA4**	131	15300	43300
0.55	5.8	900	2.6	245.6	**BF60Z-../DHE08LA4**	131	15300	43300
0.55	4.9	1070	2.1	293.4	**BF60Z-../DHE08LA4**	131	15300	43300
0.55	4.4	1190	1.95	325.6	**BF60Z-../DHE08LA4**	131	15300	43300
0.55	3.8	1380	1.65	380.0	**BF60Z-../DHE08LA4**	131	15300	43300
0.55	3.4	1540	1.5	421.6	**BF60Z-../DHE08LA4**	131	15300	43300
0.55	3.1	1690	1.35	459.9	**BF60Z-../DHE08LA4**	131	15300	43300
0.55	2.8	1870	1.25	510.3	**BF60Z-../DHE08LA4**	131	15300	43300
0.55	2.5	1860	1.35	569.3	**BF60G20-../DHE08LA4**	139	15300	43300
0.55	2.1	2200	1.15	689.0	**BF60G20-../DHE08LA4**	139	15300	43300
0.55	1.8	2600	0.96	813.2	**BF60G20-../DHE08LA4**	139	15300	43300
0.55	1.6	3000	0.83	937.6	**BF60G20-../DHE08LA4**	139	15300	43300
0.55	3.3	1590	3.3	439.2	**BF70Z-../DHE08LA4**	220	16100	47700
0.55	2.8	1870	2.8	512.4	**BF70Z-../DHE08LA4**	220	16100	47700

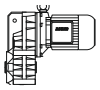
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.55 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.55	2.7	1720	3.3	524.1	**BF70G20-../DHE08LA4**	217	16100	47700
0.55	2.5	1850	3.1	577.5	**BF70G20-../DHE08LA4**	217	16100	47700
0.55	2.2	2100	2.7	673.6	**BF70G20-../DHE08LA4**	217	16100	47700
0.55	1.7	2800	2.0	872.1	**BF70G20-../DHE08LA4**	217	16100	47700
0.55	1.4	3450	1.65	1017	**BF70G20-../DHE08LA4**	217	16100	47700
0.55	1.1	4400	1.3	1390	**BF70G20-../DHE08LA4**	217	16100	47700
0.55	0.9	5400	1.05	1621	**BF70G20-../DHE08LA4**	217	16100	47700
0.55	1.5	3500	3.0	990.4	**BF80Z-../DHE08LA4**	336	39600	75000
0.55	1.3	4000	2.6	1124	**BF80Z-../DHE08LA4**	336	39600	75000
0.55	1.1	3300	3.2	1329	**BF80G40-../DHE08LA4**	341	39600	75000
0.55	0.95	4100	2.6	1491	**BF80G40-../DHE08LA4**	341	39600	75000
0.55	0.85	4550	2.3	1693	**BF80G40-../DHE08LA4**	341	39600	75000
0.55	0.7	5900	1.8	2051	**BF80G40-../DHE08LA4**	341	39600	75000
0.55	0.6	7100	1.5	2422	**BF80G40-../DHE08LA4**	341	39600	75000
0.55	0.55	7500	1.4	2785	**BF80G40-../DHE08LA4**	341	39600	75000
0.55	0.46	9300	1.15	3092	**BF80G40-../DHE08LA4**	341	39600	75000
0.55	0.55	7100	2.6	2656	**BF90G50-../DHE08LA4**	612	42800	120000
0.55	0.48	8600	2.2	2952	**BF90G50-../DHE08LA4**	612	42800	120000
0.55	0.44	9400	1.95	3286	**BF90G50-../DHE08LA4**	612	42800	120000
0.55	0.39	10900	1.7	3644	**BF90G50-../DHE08LA4**	612	42800	120000
0.55	0.33	13400	1.4	4366	**BF90G50-../DHE08LA4**	612	42800	120000
0.55	0.3	15000	1.25	4839	**BF90G50-../DHE08LA4**	612	42800	120000

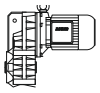
0.75 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.75	250	28.5	2.2	5.72	**BF06-../DPE08XB4**	18	1600	-
0.75	187	38	1.8	7.66	**BF06-../DPE08XB4**	18	1800	-
0.75	155	46	1.5	9.21	**BF06-../DPE08XB4**	18	1900	-
0.75	119	60	1.25	12.07	**BF06-../DPE08XB4**	18	2000	-
0.75	101	70	1.2	14.21	**BF06-../DPE08XB4**	18	2100	-
0.75	84	85	1.1	16.99	**BF06-../DPE08XB4**	18	2500	-
0.75	70	102	0.93	20.42	**BF06-../DPE08XB4**	18	2700	-
0.75	121	59	3.1	11.84	**BF10-../DPE08XB4**	30	2500	-
0.75	95	75	2.4	15.04	**BF10-../DPE08XB4**	30	2800	-
0.75	79	90	2.7	18.23	**BF10-../DPE08XB4**	30	2900	-
0.75	72	99	2.4	20.05	**BF10-../DPE08XB4**	30	3000	-
0.75	62	115	2.1	23.28	**BF10-../DPE08XB4**	30	3200	-
0.75	56	127	1.9	25.60	**BF10-../DPE08XB4**	30	3350	-
0.75	51	140	1.7	28.47	**BF10-../DPE08XB4**	30	3450	-
0.75	46	155	1.55	31.31	**BF10-../DPE08XB4**	30	3600	-
0.75	39.5	181	1.35	36.15	**BF10-../DPE08XB4**	30	3800	-
0.75	36	198	1.2	39.75	**BF10-../DPE08XB4**	30	3950	-
0.75	33.5	210	1.15	43.06	**BF10-../DPE08XB4**	30	4100	-
0.75	30.5	230	1.05	47.35	**BF10-../DPE08XB4**	30	4250	-
0.75	28	255	0.94	51.28	**BF10-../DPE08XB4**	30	4400	-
0.75	25.5	280	0.86	56.39	**BF10-../DPE08XB4**	30	4550	-
0.75	23.5	300	0.8	61.55	**BF10-../DPE08XB4**	30	4700	-
0.75	59	121	3.3	24.25	**BF20-../DPE08XB4**	36	3950	-
0.75	52	137	3.1	27.62	**BF20-../DPE08XB4**	36	4150	-
0.75	47	152	2.8	30.40	**BF20-../DPE08XB4**	36	4400	-
0.75	44	162	2.6	32.58	**BF20-../DPE08XB4**	36	4450	-
0.75	40	179	2.3	35.85	**BF20-../DPE08XB4**	36	4650	-
0.75	34.5	205	2.0	41.72	**BF20-../DPE08XB4**	36	4950	-
0.75	31.5	225	1.85	45.90	**BF20-../DPE08XB4**	36	5100	-
0.75	29.5	240	1.75	48.56	**BF20-../DPE08XB4**	36	5200	-
0.75	27	265	1.6	53.43	**BF20-../DPE08XB4**	36	5500	-
0.75	24.5	290	1.45	58.24	**BF20-../DPE08XB4**	36	5600	-
0.75	22.5	315	1.35	64.08	**BF20-../DPE08XB4**	36	5900	-
0.75	20.5	345	1.2	69.70	**BF20-../DPE08XB4**	36	6100	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

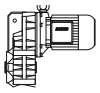
0.75 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.75	19	375	1.1	76.69	**BF20-../DPE08XB4**	36	6300	-
0.75	16.5	430	0.98	87.31	**BF20-../DPE08XB4**	36	6600	-
0.75	14.5	490	0.86	100.2	**BF20-../DPE08XB4**	36	7000	-
0.75	41	174	3.3	35.00	**BF30-../DPE08XB4**	46	4200	-
0.75	37.5	191	3.0	38.49	**BF30-../DPE08XB4**	46	4400	-
0.75	35	200	2.9	41.01	**BF30-../DPE08XB4**	46	4500	-
0.75	32	220	2.6	45.10	**BF30-../DPE08XB4**	46	4700	-
0.75	27.5	260	2.2	52.20	**BF30-../DPE08XB4**	46	5000	-
0.75	25	285	2.0	57.41	**BF30-../DPE08XB4**	46	5200	-
0.75	23.5	300	1.9	61.17	**BF30-../DPE08XB4**	46	5300	-
0.75	21.5	330	1.75	67.28	**BF30-../DPE08XB4**	46	5500	-
0.75	20	355	1.6	72.13	**BF30-../DPE08XB4**	46	5700	-
0.75	18	395	1.45	79.34	**BF30-../DPE08XB4**	46	5900	-
0.75	16.5	430	1.35	87.08	**BF30-../DPE08XB4**	46	6200	-
0.75	15	475	1.2	95.79	**BF30-../DPE08XB4**	46	6400	-
0.75	13.5	530	1.1	107.6	**BF30-../DPE08XB4**	46	6700	-
0.75	12.5	570	1.0	118.3	**BF30-../DPE08XB4**	46	7000	-
0.75	11.5	620	0.93	124.7	**BF30-../DPE08XB4**	46	7100	-
0.75	10.5	680	0.85	137.1	**BF30-../DPE08XB4**	46	7400	-
0.75	26.5	270	3.3	53.82	**BF40-../DPE08XB4**	56	7200	-
0.75	23.5	300	3.0	61.25	**BF40-../DPE08XB4**	56	7600	-
0.75	21.5	330	2.7	67.38	**BF40-../DPE08XB4**	56	8000	-
0.75	20	355	2.5	71.40	**BF40-../DPE08XB4**	56	8100	-
0.75	18.5	385	2.3	78.55	**BF40-../DPE08XB4**	56	8500	-
0.75	17	420	2.1	83.91	**BF40-../DPE08XB4**	56	8700	-
0.75	15.5	460	1.95	92.31	**BF40-../DPE08XB4**	56	9100	-
0.75	14.5	490	1.85	101.0	**BF40-../DPE08XB4**	56	9400	-
0.75	13	550	1.65	111.1	**BF40-../DPE08XB4**	56	9800	-
0.75	11.5	620	1.45	124.5	**BF40-../DPE08XB4**	56	10200	-
0.75	10.5	680	1.3	137.0	**BF40-../DPE08XB4**	56	10600	-
0.75	9.2	770	1.15	155.6	**BF40Z-../DPE08XB4**	59	10600	-
0.75	8.4	850	1.05	171.2	**BF40Z-../DPE08XB4**	59	10600	-
0.75	7.6	940	0.96	188.3	**BF40Z-../DPE08XB4**	59	10600	-
0.75	7.1	1000	0.9	202.2	**BF40Z-../DPE08XB4**	59	10600	-
0.75	6.5	1100	0.82	222.4	**BF40Z-../DPE08XB4**	59	10600	-
0.75	18	395	3.3	81.33	**BF50-../DPE08XB4**	84	11300	-
0.75	16	445	2.9	90.24	**BF50-../DPE08XB4**	84	11800	-
0.75	14.5	490	2.7	100.9	**BF50-../DPE08XB4**	84	12300	-
0.75	12.5	570	2.3	114.0	**BF50-../DPE08XB4**	84	12900	-
0.75	11.5	620	2.1	127.5	**BF50-../DPE08XB4**	84	13600	-
0.75	10.5	680	1.9	138.1	**BF50Z-../DPE08XB4**	89	13600	-
0.75	9.3	770	1.7	154.5	**BF50Z-../DPE08XB4**	89	13600	-
0.75	7.8	910	1.45	183.5	**BF50Z-../DPE08XB4**	89	13600	-
0.75	7.0	1020	1.25	205.2	**BF50Z-../DPE08XB4**	89	13600	-
0.75	5.8	1230	1.05	247.5	**BF50Z-../DPE08XB4**	89	13600	-
0.75	5.2	1370	0.95	276.8	**BF50Z-../DPE08XB4**	89	13600	-
0.75	4.6	1550	0.84	316.6	**BF50Z-../DPE08XB4**	89	13600	-
0.75	8.5	840	2.7	169.2	**BF60Z-../DPE08XB4**	133	15300	43300
0.75	7.6	940	2.4	187.7	**BF60Z-../DPE08XB4**	133	15300	43300
0.75	6.5	1100	2.1	221.4	**BF60Z-../DPE08XB4**	133	15300	43300
0.75	5.9	1210	1.9	245.6	**BF60Z-../DPE08XB4**	133	15300	43300
0.75	4.9	1460	1.6	293.4	**BF60Z-../DPE08XB4**	133	15300	43300
0.75	4.4	1620	1.4	325.6	**BF60Z-../DPE08XB4**	133	15300	43300
0.75	3.8	1880	1.2	380.0	**BF60Z-../DPE08XB4**	133	15300	43300
0.75	3.4	2100	1.1	421.6	**BF60Z-../DPE08XB4**	133	15300	43300
0.75	3.1	2300	1.0	459.9	**BF60Z-../DPE08XB4**	133	15300	43300
0.75	2.8	2550	0.9	510.3	**BF60Z-../DPE08XB4**	133	15300	43300
0.75	2.6	2500	1.0	569.3	**BF60G20-../DPE08XB4**	140	15300	43300
0.75	2.1	3100	0.81	689.0	**BF60G20-../DPE08XB4**	140	15300	43300
0.75	4.2	1700	3.1	341.7	**BF70Z-../DPE08XB4**	221	16100	47700
0.75	3.6	1980	2.6	398.7	**BF70Z-../DPE08XB4**	221	16100	47700
0.75	3.3	2150	2.4	439.2	**BF70Z-../DPE08XB4**	221	16100	47700
0.75	2.8	2550	2.0	512.4	**BF70Z-../DPE08XB4**	221	16100	47700
0.75	2.5	2600	2.2	577.5	**BF70G20-../DPE08XB4**	219	16100	47700
0.75	2.2	2950	1.95	673.6	**BF70G20-../DPE08XB4**	219	16100	47700

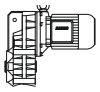
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

0.75 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.75	1.7	3950	1.45	872.1	**BF70G20-../DPE08XB4**	219	16100	47700
0.75	1.5	4450	1.3	1017	**BF70G20-../DPE08XB4**	219	16100	47700
0.75	1.1	6100	0.93	1390	**BF70G20-../DPE08XB4**	219	16100	47700
0.75	2.2	3250	3.2	662.1	**BF80Z-../DPE08XB4**	338	39600	75000
0.75	1.9	3750	2.8	770.6	**BF80Z-../DPE08XB4**	338	39600	75000
0.75	1.7	4200	2.5	874.6	**BF80Z-../DPE08XB4**	338	39600	75000
0.75	1.5	4750	2.2	990.4	**BF80Z-../DPE08XB4**	338	39600	75000
0.75	1.3	5500	1.9	1124	**BF80Z-../DPE08XB4**	338	39600	75000
0.75	1.1	5000	2.1	1329	**BF80G40-../DPE08XB4**	343	39600	75000
0.75	1.0	5700	1.85	1491	**BF80G40-../DPE08XB4**	343	39600	75000
0.75	0.85	6800	1.55	1693	**BF80G40-../DPE08XB4**	343	39600	75000
0.75	0.7	8600	1.2	2051	**BF80G40-../DPE08XB4**	343	39600	75000
0.75	0.6	10300	1.0	2422	**BF80G40-../DPE08XB4**	343	39600	75000
0.75	1.0	5700	3.2	1444	**BF90G50-../DPE08XB4**	614	42800	120000
0.75	0.85	6800	2.7	1678	**BF90G50-../DPE08XB4**	614	42800	120000
0.75	0.8	7100	2.6	1867	**BF90G50-../DPE08XB4**	614	42800	120000
0.75	0.7	8100	2.3	2154	**BF90G50-../DPE08XB4**	614	42800	120000
0.75	0.55	10600	1.75	2656	**BF90G50-../DPE08XB4**	614	42800	120000
0.75	0.49	12300	1.5	2952	**BF90G50-../DPE08XB4**	614	42800	120000
0.75	0.44	13700	1.35	3286	**BF90G50-../DPE08XB4**	614	42800	120000
0.75	0.4	15400	1.2	3644	**BF90G50-../DPE08XB4**	614	42800	120000

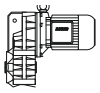
1.1 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
1.1	260	40	3.5	5.60	**BF10-../DPE09XA4**	40	1950	-
1.1	190	55	2.8	7.58	**BF10-../DPE09XA4**	40	2200	-
1.1	149	70	2.5	9.69	**BF10-../DPE09XA4**	40	2350	-
1.1	122	86	2.1	11.84	**BF10-../DPE09XA4**	40	2500	-
1.1	96	109	1.7	15.04	**BF10-../DPE09XA4**	40	2800	-
1.1	79	132	1.8	18.23	**BF10-../DPE09XA4**	40	2900	-
1.1	72	145	1.65	20.05	**BF10-../DPE09XA4**	40	3000	-
1.1	62	169	1.4	23.28	**BF10-../DPE09XA4**	40	3200	-
1.1	57	184	1.3	25.60	**BF10-../DPE09XA4**	40	3350	-
1.1	51	205	1.15	28.47	**BF10-../DPE09XA4**	40	3450	-
1.1	46	225	1.05	31.31	**BF10-../DPE09XA4**	40	3600	-
1.1	40	260	0.92	36.15	**BF10-../DPE09XA4**	40	3800	-
1.1	36.5	285	0.84	39.75	**BF10-../DPE09XA4**	40	3950	-
1.1	110	95	3.0	13.18	**BF20-../DPE09XA4**	46	3300	-
1.1	93	112	2.8	15.54	**BF20-../DPE09XA4**	46	3450	-
1.1	86	122	3.0	16.77	**BF20-../DPE09XA4**	46	3500	-
1.1	79	132	2.8	18.45	**BF20-../DPE09XA4**	46	3600	-
1.1	66	159	2.5	22.04	**BF20-../DPE09XA4**	46	3800	-
1.1	60	175	2.3	24.25	**BF20-../DPE09XA4**	46	3950	-
1.1	53	198	2.1	27.62	**BF20-../DPE09XA4**	46	4150	-
1.1	47.5	220	1.9	30.40	**BF20-../DPE09XA4**	46	4400	-
1.1	44.5	235	1.8	32.58	**BF20-../DPE09XA4**	46	4450	-
1.1	40.5	255	1.65	35.85	**BF20-../DPE09XA4**	46	4650	-
1.1	35	300	1.4	41.72	**BF20-../DPE09XA4**	46	4950	-
1.1	31.5	330	1.25	45.90	**BF20-../DPE09XA4**	46	5100	-
1.1	30	350	1.2	48.56	**BF20-../DPE09XA4**	46	5200	-
1.1	27	385	1.1	53.43	**BF20-../DPE09XA4**	46	5500	-
1.1	25	420	1.0	58.24	**BF20-../DPE09XA4**	46	5600	-
1.1	22.5	465	0.9	64.08	**BF20-../DPE09XA4**	46	5900	-
1.1	21	500	0.84	69.70	**BF20-../DPE09XA4**	46	6100	-
1.1	66	159	3.3	21.85	**BF30-../DPE09XA4**	57	3500	-
1.1	60	175	3.2	24.03	**BF30-../DPE09XA4**	57	3600	-
1.1	52	200	2.9	28.23	**BF30-../DPE09XA4**	57	3800	-
1.1	46.5	225	2.6	31.05	**BF30-../DPE09XA4**	57	4000	-
1.1	41.5	250	2.3	35.00	**BF30-../DPE09XA4**	57	4200	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

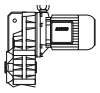
1.1 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
1.1	37.5	280	2.1	38.49	**BF30-../DPE09XA4**	57	4400	-
1.1	35.5	295	1.95	41.01	**BF30-../DPE09XA4**	57	4500	-
1.1	32	325	1.75	45.10	**BF30-../DPE09XA4**	57	4700	-
1.1	28	375	1.55	52.20	**BF30-../DPE09XA4**	57	5000	-
1.1	25.5	410	1.4	57.41	**BF30-../DPE09XA4**	57	5200	-
1.1	24	435	1.3	61.17	**BF30-../DPE09XA4**	57	5300	-
1.1	21.5	485	1.2	67.28	**BF30-../DPE09XA4**	57	5500	-
1.1	20	520	1.1	72.13	**BF30-../DPE09XA4**	57	5700	-
1.1	18.5	560	1.05	79.34	**BF30-../DPE09XA4**	57	5900	-
1.1	17	610	0.94	87.08	**BF30-../DPE09XA4**	57	6200	-
1.1	15.5	670	0.86	95.79	**BF30-../DPE09XA4**	57	6400	-
1.1	38.5	270	3.3	37.64	**BF40-../DPE09XA4**	66	6200	-
1.1	35	300	3.0	41.42	**BF40-../DPE09XA4**	66	6500	-
1.1	32	325	2.8	45.56	**BF40-../DPE09XA4**	66	6800	-
1.1	29.5	355	2.5	48.92	**BF40-../DPE09XA4**	66	7000	-
1.1	27	385	2.3	53.82	**BF40-../DPE09XA4**	66	7200	-
1.1	24	435	2.1	61.25	**BF40-../DPE09XA4**	66	7600	-
1.1	21.5	485	1.85	67.38	**BF40-../DPE09XA4**	66	8000	-
1.1	20.5	510	1.75	71.40	**BF40-../DPE09XA4**	66	8100	-
1.1	18.5	560	1.6	78.55	**BF40-../DPE09XA4**	66	8500	-
1.1	17.5	600	1.5	83.91	**BF40-../DPE09XA4**	66	8700	-
1.1	16	650	1.4	92.31	**BF40-../DPE09XA4**	66	9100	-
1.1	14.5	720	1.25	101.0	**BF40-../DPE09XA4**	66	9400	-
1.1	13	800	1.15	111.1	**BF40-../DPE09XA4**	66	9800	-
1.1	12	870	1.05	124.5	**BF40-../DPE09XA4**	66	10200	-
1.1	11	950	0.95	137.0	**BF40-../DPE09XA4**	66	10600	-
1.1	10.5	1000	0.9	141.4	**BF40Z-../DPE09XA4**	70	10600	-
1.1	9.3	1120	0.8	155.6	**BF40Z-../DPE09XA4**	70	10600	-
1.1	25.5	410	3.2	56.86	**BF50-../DPE09XA4**	94	9300	-
1.1	23	455	2.9	63.59	**BF50-../DPE09XA4**	94	9800	-
1.1	20	520	2.5	72.72	**BF50-../DPE09XA4**	94	10700	-
1.1	18	580	2.2	81.33	**BF50-../DPE09XA4**	94	11300	-
1.1	16	650	2.0	90.24	**BF50-../DPE09XA4**	94	11800	-
1.1	14.5	720	1.8	100.9	**BF50-../DPE09XA4**	94	12300	-
1.1	13	800	1.65	114.0	**BF50-../DPE09XA4**	94	12900	-
1.1	11.5	910	1.45	127.5	**BF50-../DPE09XA4**	94	13600	-
1.1	10.5	1000	1.3	138.1	**BF50Z-../DPE09XA4**	99	13600	-
1.1	9.4	1110	1.15	154.5	**BF50Z-../DPE09XA4**	99	13600	-
1.1	7.9	1320	0.98	183.5	**BF50Z-../DPE09XA4**	99	13600	-
1.1	7.1	1470	0.88	205.2	**BF50Z-../DPE09XA4**	99	13600	-
1.1	14	750	3.1	103.7	**BF60-../DPE09XA4**	124	14100	39900
1.1	13	800	2.9	113.1	**BF60-../DPE09XA4**	124	14600	41300
1.1	11.5	910	2.5	125.5	**BF60-../DPE09XA4**	124	15300	43300
1.1	10.5	1000	2.3	140.8	**BF60Z-../DPE09XA4**	143	15300	43300
1.1	8.6	1220	1.9	169.2	**BF60Z-../DPE09XA4**	143	15300	43300
1.1	7.7	1360	1.7	187.7	**BF60Z-../DPE09XA4**	143	15300	43300
1.1	6.6	1590	1.45	221.4	**BF60Z-../DPE09XA4**	143	15300	43300
1.1	5.9	1780	1.3	245.6	**BF60Z-../DPE09XA4**	143	15300	43300
1.1	5.0	2100	1.1	293.4	**BF60Z-../DPE09XA4**	143	15300	43300
1.1	4.5	2300	1.0	325.6	**BF60Z-../DPE09XA4**	143	15300	43300
1.1	3.8	2750	0.84	380.0	**BF60Z-../DPE09XA4**	143	15300	43300
1.1	6.2	1690	3.1	233.0	**BF70Z-../DPE09XA4**	231	16100	47700
1.1	5.6	1870	2.8	258.7	**BF70Z-../DPE09XA4**	231	16100	47700
1.1	4.8	2150	2.4	301.8	**BF70Z-../DPE09XA4**	231	16100	47700
1.1	4.3	2400	2.2	341.7	**BF70Z-../DPE09XA4**	231	16100	47700
1.1	3.7	2800	1.85	398.7	**BF70Z-../DPE09XA4**	231	16100	47700
1.1	3.3	3150	1.65	439.2	**BF70Z-../DPE09XA4**	231	16100	47700
1.1	2.9	3600	1.45	512.4	**BF70Z-../DPE09XA4**	231	16100	47700
1.1	2.8	3500	1.65	524.1	**BF70G20-../DPE09XA4**	229	16100	47700
1.1	2.5	3950	1.45	577.5	**BF70G20-../DPE09XA4**	229	16100	47700
1.1	2.2	4450	1.3	673.6	**BF70G20-../DPE09XA4**	229	16100	47700
1.1	1.7	5900	0.97	872.1	**BF70G20-../DPE09XA4**	229	16100	47700
1.1	1.5	6700	0.85	1017	**BF70G20-../DPE09XA4**	229	16100	47700
1.1	3.2	3250	3.2	450.4	**BF80Z-../DPE09XA4**	348	39600	75000
1.1	2.9	3600	2.9	511.2	**BF80Z-../DPE09XA4**	348	39600	75000

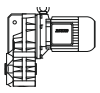
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

1.1 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
1.1	2.5	4200	2.5	583.4	**BF80Z-../DPE09XA4**	348	39600	75000
1.1	2.2	4750	2.2	662.1	**BF80Z-../DPE09XA4**	348	39600	75000
1.1	1.9	5500	1.9	770.6	**BF80Z-../DPE09XA4**	348	39600	75000
1.1	1.7	6100	1.7	874.6	**BF80Z-../DPE09XA4**	348	39600	75000
1.1	1.5	7000	1.5	990.4	**BF80Z-../DPE09XA4**	348	39600	75000
1.1	1.3	8000	1.3	1124	**BF80Z-../DPE09XA4**	348	39600	75000
1.1	1.1	8100	1.3	1329	**BF80G40-../DPE09XA4**	353	39600	75000
1.1	1.0	9100	1.15	1491	**BF80G40-../DPE09XA4**	353	39600	75000
1.1	0.9	10000	1.05	1693	**BF80G40-../DPE09XA4**	353	39600	75000
1.1	1.8	5800	3.2	845.1	**BF90Z-../DPE09XA4**	612	42800	120000
1.1	1.4	6100	3.0	1043	**BF90G50-../DPE09XA4**	624	42800	120000
1.1	1.2	7100	2.6	1204	**BF90G50-../DPE09XA4**	624	42800	120000
1.1	1.0	9100	2.0	1444	**BF90G50-../DPE09XA4**	624	42800	120000
1.1	0.9	10000	1.85	1678	**BF90G50-../DPE09XA4**	624	42800	120000
1.1	0.8	11300	1.65	1867	**BF90G50-../DPE09XA4**	624	42800	120000
1.1	0.7	12900	1.45	2154	**BF90G50-../DPE09XA4**	624	42800	120000
1.1	0.55	16700	1.1	2656	**BF90G50-../DPE09XA4**	624	42800	120000

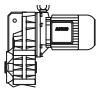
1.5 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
1.5	260	55	2.5	5.60	**BF10-../DPE09XB4**	40	1950	-
1.5	190	75	2.0	7.58	**BF10-../DPE09XB4**	40	2200	-
1.5	149	96	1.85	9.69	**BF10-../DPE09XB4**	40	2350	-
1.5	122	117	1.55	11.84	**BF10-../DPE09XB4**	40	2500	-
1.5	96	149	1.25	15.04	**BF10-../DPE09XB4**	40	2800	-
1.5	79	181	1.35	18.23	**BF10-../DPE09XB4**	40	2900	-
1.5	72	198	1.2	20.05	**BF10-../DPE09XB4**	40	3000	-
1.5	62	230	1.05	23.28	**BF10-../DPE09XB4**	40	3200	-
1.5	57	250	0.96	25.60	**BF10-../DPE09XB4**	40	3350	-
1.5	51	280	0.86	28.47	**BF10-../DPE09XB4**	40	3450	-
1.5	180	79	2.8	8.00	**BF20-../DPE09XB4**	46	2850	-
1.5	137	104	2.5	10.51	**BF20-../DPE09XB4**	46	3100	-
1.5	109	131	2.2	13.18	**BF20-../DPE09XB4**	46	3300	-
1.5	93	154	2.0	15.54	**BF20-../DPE09XB4**	46	3450	-
1.5	86	166	2.2	16.77	**BF20-../DPE09XB4**	46	3500	-
1.5	78	183	2.0	18.45	**BF20-../DPE09XB4**	46	3600	-
1.5	66	215	1.85	22.04	**BF20-../DPE09XB4**	46	3800	-
1.5	60	235	1.7	24.25	**BF20-../DPE09XB4**	46	3950	-
1.5	52	275	1.55	27.62	**BF20-../DPE09XB4**	46	4150	-
1.5	47.5	300	1.4	30.40	**BF20-../DPE09XB4**	46	4400	-
1.5	44.5	320	1.3	32.58	**BF20-../DPE09XB4**	46	4450	-
1.5	40.5	350	1.2	35.85	**BF20-../DPE09XB4**	46	4650	-
1.5	34.5	415	1.0	41.72	**BF20-../DPE09XB4**	46	4950	-
1.5	31.5	450	0.93	45.90	**BF20-../DPE09XB4**	46	5100	-
1.5	30	475	0.88	48.56	**BF20-../DPE09XB4**	46	5200	-
1.5	144	99	3.2	9.99	**BF30-../DPE09XB4**	57	2850	-
1.5	112	127	2.9	12.91	**BF30-../DPE09XB4**	57	3050	-
1.5	90	159	2.6	16.00	**BF30-../DPE09XB4**	57	3250	-
1.5	82	174	2.8	17.65	**BF30-../DPE09XB4**	57	3300	-
1.5	74	193	2.6	19.41	**BF30-../DPE09XB4**	57	3400	-
1.5	66	215	2.5	21.85	**BF30-../DPE09XB4**	57	3500	-
1.5	60	235	2.4	24.03	**BF30-../DPE09XB4**	57	3600	-
1.5	51	280	2.1	28.23	**BF30-../DPE09XB4**	57	3800	-
1.5	46.5	305	1.9	31.05	**BF30-../DPE09XB4**	57	4000	-
1.5	41	345	1.65	35.00	**BF30-../DPE09XB4**	57	4200	-
1.5	37.5	380	1.5	38.49	**BF30-../DPE09XB4**	57	4400	-
1.5	35	405	1.4	41.01	**BF30-../DPE09XB4**	57	4500	-
1.5	32	445	1.3	45.10	**BF30-../DPE09XB4**	57	4700	-
1.5	27.5	520	1.1	52.20	**BF30-../DPE09XB4**	57	5000	-
1.5	25	570	1.0	57.41	**BF30-../DPE09XB4**	57	5200	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

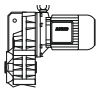
1.5 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
1.5	23.5	600	0.96	61.17	**BF30-../DPE09XB4**	57	5300	-
1.5	21.5	660	0.87	67.28	**BF30-../DPE09XB4**	57	5500	-
1.5	20	710	0.81	72.13	**BF30-../DPE09XB4**	57	5700	-
1.5	67	210	3.3	21.60	**BF40-../DPE09XB4**	66	5200	-
1.5	61	230	3.2	23.77	**BF40-../DPE09XB4**	66	5400	-
1.5	54	265	2.9	26.86	**BF40-../DPE09XB4**	66	5600	-
1.5	49	290	2.8	29.55	**BF40-../DPE09XB4**	66	5800	-
1.5	42	340	2.5	34.21	**BF40-../DPE09XB4**	66	6000	-
1.5	38.5	370	2.4	37.64	**BF40-../DPE09XB4**	66	6200	-
1.5	35	405	2.2	41.42	**BF40-../DPE09XB4**	66	6500	-
1.5	31.5	450	2.0	45.56	**BF40-../DPE09XB4**	66	6800	-
1.5	29.5	485	1.85	48.92	**BF40-../DPE09XB4**	66	7000	-
1.5	27	530	1.7	53.82	**BF40-../DPE09XB4**	66	7200	-
1.5	23.5	600	1.5	61.25	**BF40-../DPE09XB4**	66	7600	-
1.5	21.5	660	1.35	67.38	**BF40-../DPE09XB4**	66	8000	-
1.5	20.5	690	1.3	71.40	**BF40-../DPE09XB4**	66	8100	-
1.5	18.5	770	1.15	78.55	**BF40-../DPE09XB4**	66	8500	-
1.5	17.5	810	1.1	83.91	**BF40-../DPE09XB4**	66	8700	-
1.5	16	890	1.0	92.31	**BF40-../DPE09XB4**	66	9100	-
1.5	14.5	980	0.92	101.0	**BF40-../DPE09XB4**	66	9400	-
1.5	13	1100	0.82	111.1	**BF40-../DPE09XB4**	66	9800	-
1.5	34.5	415	3.1	42.15	**BF50-../DPE09XB4**	94	8500	-
1.5	30.5	465	2.8	47.14	**BF50-../DPE09XB4**	94	8900	-
1.5	25.5	560	2.3	56.86	**BF50-../DPE09XB4**	94	9300	-
1.5	23	620	2.1	63.59	**BF50-../DPE09XB4**	94	9800	-
1.5	20	710	1.85	72.72	**BF50-../DPE09XB4**	94	10700	-
1.5	18	790	1.65	81.33	**BF50-../DPE09XB4**	94	11300	-
1.5	16	890	1.45	90.24	**BF50-../DPE09XB4**	94	11800	-
1.5	14.5	980	1.35	100.9	**BF50-../DPE09XB4**	94	12300	-
1.5	13	1100	1.2	114.0	**BF50-../DPE09XB4**	94	12900	-
1.5	11.5	1240	1.05	127.5	**BF50-../DPE09XB4**	94	13600	-
1.5	10.5	1360	0.96	138.1	**BF50Z-../DPE09XB4**	99	13600	-
1.5	9.3	1540	0.84	154.5	**BF50Z-../DPE09XB4**	99	13600	-
1.5	20	710	3.2	72.15	**BF60-../DPE09XB4**	124	12000	34000
1.5	18	790	2.9	80.05	**BF60-../DPE09XB4**	124	12600	35600
1.5	15.5	920	2.5	93.44	**BF60-../DPE09XB4**	124	13500	38200
1.5	14	1020	2.3	103.7	**BF60-../DPE09XB4**	124	14100	39900
1.5	13	1100	2.1	113.1	**BF60-../DPE09XB4**	124	14600	41300
1.5	11.5	1240	1.85	125.5	**BF60-../DPE09XB4**	124	15300	43300
1.5	10.5	1360	1.7	140.8	**BF60Z-../DPE09XB4**	143	15300	43300
1.5	8.5	1680	1.35	169.2	**BF60Z-../DPE09XB4**	143	15300	43300
1.5	7.7	1860	1.25	187.7	**BF60Z-../DPE09XB4**	143	15300	43300
1.5	6.5	2200	1.05	221.4	**BF60Z-../DPE09XB4**	143	15300	43300
1.5	5.9	2400	0.96	245.6	**BF60Z-../DPE09XB4**	143	15300	43300
1.5	8.0	1790	2.9	179.7	**BF70Z-../DPE09XB4**	231	16100	47700
1.5	7.2	1980	2.6	199.7	**BF70Z-../DPE09XB4**	231	16100	47700
1.5	6.2	2300	2.3	233.0	**BF70Z-../DPE09XB4**	231	16100	47700
1.5	5.6	2550	2.0	258.7	**BF70Z-../DPE09XB4**	231	16100	47700
1.5	4.8	2950	1.75	301.8	**BF70Z-../DPE09XB4**	231	16100	47700
1.5	4.2	3400	1.55	341.7	**BF70Z-../DPE09XB4**	231	16100	47700
1.5	3.6	3950	1.3	398.7	**BF70Z-../DPE09XB4**	231	16100	47700
1.5	3.3	4300	1.2	439.2	**BF70Z-../DPE09XB4**	231	16100	47700
1.5	2.9	4900	1.05	512.4	**BF70Z-../DPE09XB4**	231	16100	47700
1.5	2.8	4850	1.2	524.1	**BF70G20-../DPE09XB4**	229	16100	47700
1.5	2.5	5400	1.05	577.5	**BF70G20-../DPE09XB4**	229	16100	47700
1.5	2.2	6200	0.92	673.6	**BF70G20-../DPE09XB4**	229	16100	47700
1.5	4.2	3400	3.1	347.3	**BF80Z-../DPE09XB4**	348	39600	75000
1.5	3.7	3850	2.7	394.2	**BF80Z-../DPE09XB4**	348	39600	75000
1.5	3.2	4450	2.4	450.4	**BF80Z-../DPE09XB4**	348	39600	75000
1.5	2.9	4900	2.1	511.2	**BF80Z-../DPE09XB4**	348	39600	75000
1.5	2.5	5700	1.85	583.4	**BF80Z-../DPE09XB4**	348	39600	75000
1.5	2.2	6500	1.6	662.1	**BF80Z-../DPE09XB4**	348	39600	75000
1.5	1.9	7500	1.4	770.6	**BF80Z-../DPE09XB4**	348	39600	75000
1.5	1.7	8400	1.25	874.6	**BF80Z-../DPE09XB4**	348	39600	75000
1.5	1.5	9500	1.1	990.4	**BF80Z-../DPE09XB4**	348	39600	75000

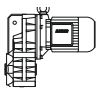
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

1.5 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
1.5	1.3	11000	0.95	1124	**BF80Z-../DPE09XB4**	348	39600	75000
1.5	1.1	11500	0.91	1329	**BF80G40-../DPE09XB4**	353	39600	75000
1.5	1.0	12900	0.81	1491	**BF80G40-../DPE09XB4**	353	39600	75000
1.5	2.5	5700	3.2	591.1	**BF90Z-../DPE09XB4**	612	42800	120000
1.5	2.2	6500	2.8	658.1	**BF90Z-../DPE09XB4**	612	42800	120000
1.5	1.9	7500	2.5	759.0	**BF90Z-../DPE09XB4**	612	42800	120000
1.5	1.7	8400	2.2	845.1	**BF90Z-../DPE09XB4**	612	42800	120000
1.5	1.5	7900	2.3	976.1	**BF90G50-../DPE09XB4**	624	42800	120000
1.5	1.4	8800	2.1	1043	**BF90G50-../DPE09XB4**	624	42800	120000
1.5	1.2	10300	1.8	1204	**BF90G50-../DPE09XB4**	624	42800	120000
1.5	1.0	12900	1.45	1444	**BF90G50-../DPE09XB4**	624	42800	120000
1.5	0.9	14300	1.3	1678	**BF90G50-../DPE09XB4**	624	42800	120000
1.5	0.8	16100	1.15	1867	**BF90G50-../DPE09XB4**	624	42800	120000
1.5	0.7	18400	1.0	2154	**BF90G50-../DPE09XB4**	624	42800	120000

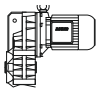
2.2 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
2.2	260	80	1.75	5.60	**BF10-../DPE09XB4C**	40	1950	-
2.2	192	109	1.4	7.58	**BF10-../DPE09XB4C**	40	2200	-
2.2	150	140	1.25	9.69	**BF10-../DPE09XB4C**	40	2350	-
2.2	123	170	1.1	11.84	**BF10-../DPE09XB4C**	40	2500	-
2.2	97	215	0.85	15.04	**BF10-../DPE09XB4C**	40	2800	-
2.2	80	260	0.92	18.23	**BF10-../DPE09XB4C**	40	2900	-
2.2	73	285	0.84	20.05	**BF10-../DPE09XB4C**	40	3000	-
2.2	245	85	2.4	6.04	**BF20-../DPE09XB4C**	46	2550	-
2.2	182	115	1.9	8.00	**BF20-../DPE09XB4C**	46	2850	-
2.2	138	152	1.7	10.51	**BF20-../DPE09XB4C**	46	3100	-
2.2	111	189	1.5	13.18	**BF20-../DPE09XB4C**	46	3300	-
2.2	94	220	1.4	15.54	**BF20-../DPE09XB4C**	46	3450	-
2.2	87	240	1.5	16.77	**BF20-../DPE09XB4C**	46	3500	-
2.2	79	265	1.4	18.45	**BF20-../DPE09XB4C**	46	3600	-
2.2	66	315	1.25	22.04	**BF20-../DPE09XB4C**	46	3800	-
2.2	60	350	1.15	24.25	**BF20-../DPE09XB4C**	46	3950	-
2.2	53	395	1.05	27.62	**BF20-../DPE09XB4C**	46	4150	-
2.2	48	435	0.97	30.40	**BF20-../DPE09XB4C**	46	4400	-
2.2	45	465	0.9	32.58	**BF20-../DPE09XB4C**	46	4450	-
2.2	40.5	510	0.82	35.85	**BF20-../DPE09XB4C**	46	4650	-
2.2	230	91	2.9	6.34	**BF30-../DPE09XB4C**	57	2400	-
2.2	180	116	2.5	8.07	**BF30-../DPE09XB4C**	57	2650	-
2.2	146	143	2.2	9.99	**BF30-../DPE09XB4C**	57	2850	-
2.2	113	185	2.0	12.91	**BF30-../DPE09XB4C**	57	3050	-
2.2	91	230	1.75	16.00	**BF30-../DPE09XB4C**	57	3250	-
2.2	83	250	1.9	17.65	**BF30-../DPE09XB4C**	57	3300	-
2.2	75	280	1.8	19.41	**BF30-../DPE09XB4C**	57	3400	-
2.2	67	310	1.7	21.85	**BF30-../DPE09XB4C**	57	3500	-
2.2	61	340	1.65	24.03	**BF30-../DPE09XB4C**	57	3600	-
2.2	52	400	1.45	28.23	**BF30-../DPE09XB4C**	57	3800	-
2.2	47	445	1.3	31.05	**BF30-../DPE09XB4C**	57	4000	-
2.2	41.5	500	1.15	35.00	**BF30-../DPE09XB4C**	57	4200	-
2.2	38	550	1.05	38.49	**BF30-../DPE09XB4C**	57	4400	-
2.2	35.5	590	0.97	41.01	**BF30-../DPE09XB4C**	57	4500	-
2.2	32.5	640	0.9	45.10	**BF30-../DPE09XB4C**	57	4700	-
2.2	191	110	3.3	7.62	**BF40-../DPE09XB4C**	66	3900	-
2.2	153	137	3.0	9.48	**BF40-../DPE09XB4C**	66	4150	-
2.2	123	170	2.7	11.79	**BF40-../DPE09XB4C**	66	4450	-
2.2	97	215	2.4	15.02	**BF40-../DPE09XB4C**	66	4800	-
2.2	84	250	2.5	17.35	**BF40-../DPE09XB4C**	66	4950	-
2.2	76	275	2.4	19.09	**BF40-../DPE09XB4C**	66	5100	-
2.2	68	305	2.3	21.60	**BF40-../DPE09XB4C**	66	5200	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

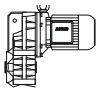
2.2 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
2.2	62	335	2.2	23.77	**BF40-../DPE09XB4C**	66	5400	-
2.2	54	385	2.0	26.86	**BF40-../DPE09XB4C**	66	5600	-
2.2	49.5	420	1.9	29.55	**BF40-../DPE09XB4C**	66	5800	-
2.2	42.5	490	1.75	34.21	**BF40-../DPE09XB4C**	66	6000	-
2.2	39	530	1.7	37.64	**BF40-../DPE09XB4C**	66	6200	-
2.2	35.5	590	1.55	41.42	**BF40-../DPE09XB4C**	66	6500	-
2.2	32	650	1.4	45.56	**BF40-../DPE09XB4C**	66	6800	-
2.2	30	700	1.3	48.92	**BF40-../DPE09XB4C**	66	7000	-
2.2	27	770	1.15	53.82	**BF40-../DPE09XB4C**	66	7200	-
2.2	24	870	1.05	61.25	**BF40-../DPE09XB4C**	66	7600	-
2.2	22	950	0.95	67.38	**BF40-../DPE09XB4C**	66	8000	-
2.2	20.5	1020	0.88	71.40	**BF40-../DPE09XB4C**	66	8100	-
2.2	18.5	1130	0.8	78.55	**BF40-../DPE09XB4C**	66	8500	-
2.2	57	365	3.2	25.88	**BF50-../DPE09XB4C**	94	7100	-
2.2	46	455	2.8	31.73	**BF50-../DPE09XB4C**	94	7500	-
2.2	41	510	2.5	35.49	**BF50-../DPE09XB4C**	94	7800	-
2.2	34.5	600	2.2	42.15	**BF50-../DPE09XB4C**	94	8500	-
2.2	31	670	1.95	47.14	**BF50-../DPE09XB4C**	94	8900	-
2.2	26	800	1.65	56.86	**BF50-../DPE09XB4C**	94	9300	-
2.2	23	910	1.45	63.59	**BF50-../DPE09XB4C**	94	9800	-
2.2	20	1050	1.25	72.72	**BF50-../DPE09XB4C**	94	10700	-
2.2	18	1160	1.1	81.33	**BF50-../DPE09XB4C**	94	11300	-
2.2	16.5	1270	1.0	90.24	**BF50-../DPE09XB4C**	94	11800	-
2.2	14.5	1440	0.9	100.9	**BF50-../DPE09XB4C**	94	12300	-
2.2	13	1610	0.81	114.0	**BF50-../DPE09XB4C**	94	12900	-
2.2	27	770	3.0	54.44	**BF60-../DPE09XB4C**	124	10500	29700
2.2	24.5	850	2.7	60.40	**BF60-../DPE09XB4C**	124	11100	31400
2.2	20.5	1020	2.3	72.15	**BF60-../DPE09XB4C**	124	12000	34000
2.2	18.5	1130	2.0	80.05	**BF60-../DPE09XB4C**	124	12600	35600
2.2	16	1310	1.75	93.44	**BF60-../DPE09XB4C**	124	13500	38200
2.2	14	1500	1.55	103.7	**BF60-../DPE09XB4C**	124	14100	39900
2.2	13	1610	1.45	113.1	**BF60-../DPE09XB4C**	124	14600	41300
2.2	12	1750	1.3	125.5	**BF60-../DPE09XB4C**	124	15300	43300
2.2	10.5	2000	1.15	140.8	**BF60Z-../DPE09XB4C**	143	15300	43300
2.2	8.6	2400	0.96	169.2	**BF60Z-../DPE09XB4C**	143	15300	43300
2.2	7.8	2650	0.87	187.7	**BF60Z-../DPE09XB4C**	143	15300	43300
2.2	12	1750	3.0	122.7	**BF70-../DPE09XB4C**	210	16100	47700
2.2	11	1910	2.7	133.0	**BF70Z-../DPE09XB4C**	231	16100	47700
2.2	9.5	2200	2.4	154.0	**BF70Z-../DPE09XB4C**	231	16100	47700
2.2	8.1	2550	2.0	179.7	**BF70Z-../DPE09XB4C**	231	16100	47700
2.2	7.3	2850	1.8	199.7	**BF70Z-../DPE09XB4C**	231	16100	47700
2.2	6.3	3300	1.6	233.0	**BF70Z-../DPE09XB4C**	231	16100	47700
2.2	5.7	3650	1.4	258.7	**BF70Z-../DPE09XB4C**	231	16100	47700
2.2	4.9	4250	1.2	301.8	**BF70Z-../DPE09XB4C**	231	16100	47700
2.2	4.3	4850	1.05	341.7	**BF70Z-../DPE09XB4C**	231	16100	47700
2.2	3.7	5600	0.93	398.7	**BF70Z-../DPE09XB4C**	231	16100	47700
2.2	3.4	6100	0.85	439.2	**BF70Z-../DPE09XB4C**	231	16100	47700
2.2	7.0	3000	3.2	209.4	**BF80-../DPE09XB4C**	307	34300	75000
2.2	6.2	3350	2.8	237.1	**BF80-../DPE09XB4C**	307	36900	75000
2.2	5.4	3850	2.5	269.1	**BF80-../DPE09XB4C**	307	39600	75000
2.2	5.0	4200	2.5	291.7	**BF80Z-../DPE09XB4C**	348	39600	75000
2.2	4.2	5000	2.1	347.3	**BF80Z-../DPE09XB4C**	348	39600	75000
2.2	3.7	5600	1.9	394.2	**BF80Z-../DPE09XB4C**	348	39600	75000
2.2	3.3	6300	1.65	450.4	**BF80Z-../DPE09XB4C**	348	39600	75000
2.2	2.9	7200	1.45	511.2	**BF80Z-../DPE09XB4C**	348	39600	75000
2.2	2.5	8400	1.25	583.4	**BF80Z-../DPE09XB4C**	348	39600	75000
2.2	2.2	9500	1.1	662.1	**BF80Z-../DPE09XB4C**	348	39600	75000
2.2	1.9	11000	0.95	770.6	**BF80Z-../DPE09XB4C**	348	39600	75000
2.2	1.7	12300	0.85	874.6	**BF80Z-../DPE09XB4C**	348	39600	75000
2.2	3.2	6500	2.8	456.7	**BF90Z-../DPE09XB4C**	612	42800	120000
2.2	2.9	7200	2.6	508.5	**BF90Z-../DPE09XB4C**	612	42800	120000
2.2	2.5	8400	2.2	591.1	**BF90Z-../DPE09XB4C**	612	42800	120000
2.2	2.3	9100	2.0	658.1	**BF90Z-../DPE09XB4C**	612	42800	120000
2.2	2.0	10500	1.75	759.0	**BF90Z-../DPE09XB4C**	612	42800	120000
2.2	1.8	11600	1.6	845.1	**BF90Z-../DPE09XB4C**	612	42800	120000

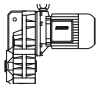
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

2.2 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
2.2	1.5	12400	1.5	976.1	**BF90G50-../DPE09XB4C**	624	42800	120000
2.2	1.4	13600	1.35	1043	**BF90G50-../DPE09XB4C**	624	42800	120000
2.2	1.3	14500	1.3	1204	**BF90G50-../DPE09XB4C**	624	42800	120000
2.2	1.1	17700	1.05	1444	**BF90G50-../DPE09XB4C**	624	42800	120000

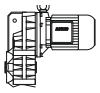
3 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
3	230	124	2.1	6.34	**BF30-../DPE11LA4**	78	2400	-
3	181	158	1.8	8.07	**BF30-../DPE11LA4**	78	2650	-
3	146	196	1.65	9.99	**BF30-../DPE11LA4**	78	2850	-
3	113	250	1.45	12.91	**BF30-../DPE11LA4**	78	3050	-
3	91	310	1.3	16.00	**BF30-../DPE11LA4**	78	3250	-
3	83	345	1.4	17.65	**BF30-../DPE11LA4**	78	3300	-
3	75	380	1.3	19.41	**BF30-../DPE11LA4**	78	3400	-
3	67	425	1.25	21.85	**BF30-../DPE11LA4**	78	3500	-
3	61	465	1.2	24.03	**BF30-../DPE11LA4**	78	3600	-
3	52	550	1.05	28.23	**BF30-../DPE11LA4**	78	3800	-
3	47	600	0.96	31.05	**BF30-../DPE11LA4**	78	4000	-
3	42	680	0.85	35.00	**BF30-../DPE11LA4**	78	4200	-
3	250	114	2.9	5.87	**BF40-../DPE11LA4**	92	3550	-
3	191	150	2.5	7.62	**BF40-../DPE11LA4**	92	3900	-
3	154	186	2.2	9.48	**BF40-../DPE11LA4**	92	4150	-
3	124	230	2.0	11.79	**BF40-../DPE11LA4**	92	4450	-
3	97	295	1.75	15.02	**BF40-../DPE11LA4**	92	4800	-
3	84	340	1.85	17.35	**BF40-../DPE11LA4**	92	4950	-
3	77	370	1.8	19.09	**BF40-../DPE11LA4**	92	5100	-
3	68	420	1.65	21.60	**BF40-../DPE11LA4**	92	5200	-
3	62	460	1.6	23.77	**BF40-../DPE11LA4**	92	5400	-
3	55	520	1.5	26.86	**BF40-../DPE11LA4**	92	5600	-
3	49.5	570	1.4	29.55	**BF40-../DPE11LA4**	92	5800	-
3	43	660	1.3	34.21	**BF40-../DPE11LA4**	92	6000	-
3	39	730	1.2	37.64	**BF40-../DPE11LA4**	92	6200	-
3	35.5	800	1.15	41.42	**BF40-../DPE11LA4**	92	6500	-
3	32	890	1.0	45.56	**BF40-../DPE11LA4**	92	6800	-
3	30	950	0.95	48.92	**BF40-../DPE11LA4**	92	7000	-
3	27.5	1040	0.87	53.82	**BF40-../DPE11LA4**	92	7200	-
3	137	205	3.3	10.68	**BF50-../DPE11LA4**	122	5600	-
3	100	285	2.8	14.65	**BF50-../DPE11LA4**	122	6100	-
3	88	325	2.9	16.70	**BF50-../DPE11LA4**	122	6200	-
3	78	365	2.7	18.68	**BF50-../DPE11LA4**	122	6400	-
3	63	450	2.5	23.14	**BF50-../DPE11LA4**	122	6800	-
3	57	500	2.3	25.88	**BF50-../DPE11LA4**	122	7100	-
3	46	620	2.0	31.73	**BF50-../DPE11LA4**	122	7500	-
3	41	690	1.9	35.49	**BF50-../DPE11LA4**	122	7800	-
3	35	810	1.6	42.15	**BF50-../DPE11LA4**	122	8500	-
3	31	920	1.4	47.14	**BF50-../DPE11LA4**	122	8900	-
3	26	1100	1.2	56.86	**BF50-../DPE11LA4**	122	9300	-
3	23	1240	1.05	63.59	**BF50-../DPE11LA4**	122	9800	-
3	20.5	1390	0.94	72.72	**BF50-../DPE11LA4**	122	10700	-
3	18	1590	0.82	81.33	**BF50-../DPE11LA4**	122	11300	-
3	47	600	3.2	31.20	**BF60-../DPE11LA4**	153	8800	24900
3	42.5	670	3.0	34.62	**BF60-../DPE11LA4**	153	9100	25700
3	35	810	2.6	41.60	**BF60-../DPE11LA4**	153	9600	27100
3	32	890	2.5	46.16	**BF60-../DPE11LA4**	153	9900	28000
3	27	1060	2.2	54.44	**BF60-../DPE11LA4**	153	10500	29700
3	24.5	1160	2.0	60.40	**BF60-../DPE11LA4**	153	11100	31400
3	20.5	1390	1.65	72.15	**BF60-../DPE11LA4**	153	12000	34000
3	18.5	1540	1.5	80.05	**BF60-../DPE11LA4**	153	12600	35600
3	16	1790	1.3	93.44	**BF60-../DPE11LA4**	153	13500	38200
3	14.5	1970	1.15	103.7	**BF60-../DPE11LA4**	153	14100	39900

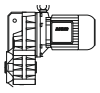
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

3 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
3	13	2200	1.05	113.1	**BF60-../DPE11LA4**	153	14600	41300
3	12	2350	0.98	125.5	**BF60-../DPE11LA4**	153	15300	43300
3	10.5	2700	0.85	140.8	**BF60Z-../DPE11LA4**	169	15300	43300
3	18	1590	3.3	81.82	**BF70-../DPE11LA4**	232	12800	41300
3	15.5	1840	2.8	95.46	**BF70-../DPE11LA4**	232	14000	43700
3	14	2000	2.6	105.2	**BF70-../DPE11LA4**	232	14700	45100
3	12	2350	2.2	122.7	**BF70-../DPE11LA4**	232	16100	47700
3	11	2600	2.0	133.0	**BF70Z-../DPE11LA4**	258	16100	47700
3	9.5	3000	1.75	154.0	**BF70Z-../DPE11LA4**	258	16100	47700
3	8.1	3500	1.5	179.7	**BF70Z-../DPE11LA4**	258	16100	47700
3	7.3	3900	1.35	199.7	**BF70Z-../DPE11LA4**	258	16100	47700
3	6.3	4500	1.15	233.0	**BF70Z-../DPE11LA4**	258	16100	47700
3	5.7	5000	1.05	258.7	**BF70Z-../DPE11LA4**	258	16100	47700
3	4.9	5800	0.9	301.8	**BF70Z-../DPE11LA4**	258	16100	47700
3	9.2	3100	3.1	158.5	**BF80-../DPE11LA4**	328	29000	75000
3	7.9	3600	2.6	184.5	**BF80-../DPE11LA4**	328	31800	75000
3	7.0	4050	2.3	209.4	**BF80-../DPE11LA4**	328	34300	75000
3	6.2	4600	2.1	237.1	**BF80-../DPE11LA4**	328	36900	75000
3	5.5	5200	1.85	269.1	**BF80-../DPE11LA4**	328	39600	75000
3	5.0	5700	1.85	291.7	**BF80Z-../DPE11LA4**	375	39600	75000
3	4.2	6800	1.55	347.3	**BF80Z-../DPE11LA4**	375	39600	75000
3	3.7	7700	1.35	394.2	**BF80Z-../DPE11LA4**	375	39600	75000
3	3.3	8600	1.2	450.4	**BF80Z-../DPE11LA4**	375	39600	75000
3	2.9	9800	1.05	511.2	**BF80Z-../DPE11LA4**	375	39600	75000
3	2.5	11400	0.92	583.4	**BF80Z-../DPE11LA4**	375	39600	75000
3	2.2	13000	0.81	662.1	**BF80Z-../DPE11LA4**	375	39600	75000
3	4.9	5800	3.2	300.4	**BF90Z-../DPE11LA4**	641	42800	120000
3	4.3	6600	2.8	343.6	**BF90Z-../DPE11LA4**	641	42800	120000
3	3.9	7300	2.5	382.6	**BF90Z-../DPE11LA4**	641	42800	120000
3	3.2	8900	2.1	456.7	**BF90Z-../DPE11LA4**	641	42800	120000
3	2.9	9800	1.9	508.5	**BF90Z-../DPE11LA4**	641	42800	120000
3	2.5	11400	1.6	591.1	**BF90Z-../DPE11LA4**	641	42800	120000
3	2.3	12400	1.5	658.1	**BF90Z-../DPE11LA4**	641	42800	120000
3	2.0	14300	1.3	759.0	**BF90Z-../DPE11LA4**	641	42800	120000
3	1.8	15900	1.15	845.1	**BF90Z-../DPE11LA4**	641	42800	120000
3	1.5	17500	1.05	976.1	**BF90G50-../DPE11LA4**	651	42800	120000
3	1.4	19000	0.97	1043	**BF90G50-../DPE11LA4**	651	42800	120000
3	1.3	20400	0.91	1204	**BF90G50-../DPE11LA4**	651	42800	120000

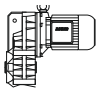
4 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
4	230	166	1.6	6.34	**BF30-../DPE11LB4**	78	2400	-
4	180	210	1.35	8.07	**BF30-../DPE11LB4**	78	2650	-
4	146	260	1.25	9.99	**BF30-../DPE11LB4**	78	2850	-
4	113	335	1.1	12.91	**BF30-../DPE11LB4**	78	3050	-
4	91	415	0.98	16.00	**BF30-../DPE11LB4**	78	3250	-
4	83	460	1.05	17.65	**BF30-../DPE11LB4**	78	3300	-
4	75	500	1.0	19.41	**BF30-../DPE11LB4**	78	3400	-
4	67	570	0.93	21.85	**BF30-../DPE11LB4**	78	3500	-
4	61	620	0.89	24.03	**BF30-../DPE11LB4**	78	3600	-
4	250	152	2.2	5.87	**BF40-../DPE11LB4**	92	3550	-
4	191	200	1.85	7.62	**BF40-../DPE11LB4**	92	3900	-
4	153	245	1.7	9.48	**BF40-../DPE11LB4**	92	4150	-
4	123	310	1.5	11.79	**BF40-../DPE11LB4**	92	4450	-
4	97	390	1.35	15.02	**BF40-../DPE11LB4**	92	4800	-
4	84	450	1.4	17.35	**BF40-../DPE11LB4**	92	4950	-
4	76	500	1.35	19.09	**BF40-../DPE11LB4**	92	5100	-
4	68	560	1.25	21.60	**BF40-../DPE11LB4**	92	5200	-
4	62	610	1.2	23.77	**BF40-../DPE11LB4**	92	5400	-

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

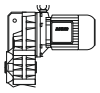
4 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
4	54	700	1.1	26.86	**BF40-../DPE11LB4**	92	5600	-
4	49.5	770	1.05	29.55	**BF40-../DPE11LB4**	92	5800	-
4	42.5	890	0.96	34.21	**BF40-../DPE11LB4**	92	6000	-
4	39	970	0.92	37.64	**BF40-../DPE11LB4**	92	6200	-
4	35.5	1070	0.84	41.42	**BF40-../DPE11LB4**	92	6500	-
4	189	200	2.8	7.71	**BF50-../DPE11LB4**	122	5100	-
4	136	280	2.4	10.68	**BF50-../DPE11LB4**	122	5600	-
4	99	385	2.1	14.65	**BF50-../DPE11LB4**	122	6100	-
4	87	435	2.2	16.70	**BF50-../DPE11LB4**	122	6200	-
4	78	485	2.1	18.68	**BF50-../DPE11LB4**	122	6400	-
4	63	600	1.85	23.14	**BF50-../DPE11LB4**	122	6800	-
4	57	670	1.75	25.88	**BF50-../DPE11LB4**	122	7100	-
4	46	830	1.55	31.73	**BF50-../DPE11LB4**	122	7500	-
4	41	930	1.4	35.49	**BF50-../DPE11LB4**	122	7800	-
4	34.5	1100	1.2	42.15	**BF50-../DPE11LB4**	122	8500	-
4	31	1230	1.05	47.14	**BF50-../DPE11LB4**	122	8900	-
4	26	1460	0.89	56.86	**BF50-../DPE11LB4**	122	9300	-
4	102	370	3.2	14.24	**BF60-../DPE11LB4**	153	7100	20000
4	86	440	3.3	16.96	**BF60-../DPE11LB4**	153	7300	20600
4	78	485	3.1	18.81	**BF60-../DPE11LB4**	153	7600	21500
4	65	580	2.9	22.58	**BF60-../DPE11LB4**	153	8000	22600
4	58	650	2.7	25.05	**BF60-../DPE11LB4**	153	8200	23200
4	46.5	820	2.3	31.20	**BF60-../DPE11LB4**	153	8800	24900
4	42	900	2.2	34.62	**BF60-../DPE11LB4**	153	9100	25700
4	35	1090	1.95	41.60	**BF60-../DPE11LB4**	153	9600	27100
4	31.5	1210	1.85	46.16	**BF60-../DPE11LB4**	153	9900	28000
4	27	1410	1.65	54.44	**BF60-../DPE11LB4**	153	10500	29700
4	24.5	1550	1.5	60.40	**BF60-../DPE11LB4**	153	11100	31400
4	20.5	1860	1.25	72.15	**BF60-../DPE11LB4**	153	12000	34000
4	18.5	2050	1.1	80.05	**BF60-../DPE11LB4**	153	12600	35600
4	16	2350	0.98	93.44	**BF60-../DPE11LB4**	153	13500	38200
4	14	2700	0.85	103.7	**BF60-../DPE11LB4**	153	14100	39900
4	23.5	1620	3.2	61.94	**BF70-../DPE11LB4**	232	10800	37400
4	20.5	1860	2.8	72.26	**BF70-../DPE11LB4**	232	12000	39600
4	18	2100	2.5	81.82	**BF70-../DPE11LB4**	232	12800	41300
4	15.5	2450	2.1	95.46	**BF70-../DPE11LB4**	232	14000	43700
4	14	2700	1.95	105.2	**BF70-../DPE11LB4**	232	14700	45100
4	12	3150	1.65	122.7	**BF70-../DPE11LB4**	232	16100	47700
4	11	3450	1.5	133.0	**BF70Z-../DPE11LB4**	258	16100	47700
4	9.5	4000	1.3	154.0	**BF70Z-../DPE11LB4**	258	16100	47700
4	8.1	4700	1.1	179.7	**BF70Z-../DPE11LB4**	258	16100	47700
4	7.3	5200	1.0	199.7	**BF70Z-../DPE11LB4**	258	16100	47700
4	6.3	6000	0.87	233.0	**BF70Z-../DPE11LB4**	258	16100	47700
4	12	3150	3.0	122.4	**BF80-../DPE11LB4**	328	24500	75000
4	10.5	3600	2.6	139.7	**BF80-../DPE11LB4**	328	26700	75000
4	9.2	4150	2.3	158.5	**BF80-../DPE11LB4**	328	29000	75000
4	7.9	4800	2.0	184.5	**BF80-../DPE11LB4**	328	31800	75000
4	7.0	5400	1.75	209.4	**BF80-../DPE11LB4**	328	34300	75000
4	6.2	6100	1.55	237.1	**BF80-../DPE11LB4**	328	36900	75000
4	5.4	7000	1.35	269.1	**BF80-../DPE11LB4**	328	39600	75000
4	5.0	7600	1.4	291.7	**BF80Z-../DPE11LB4**	375	39600	75000
4	4.2	9000	1.15	347.3	**BF80Z-../DPE11LB4**	375	39600	75000
4	3.7	10300	1.0	394.2	**BF80Z-../DPE11LB4**	375	39600	75000
4	3.3	11500	0.91	450.4	**BF80Z-../DPE11LB4**	375	39600	75000
4	2.9	13100	0.8	511.2	**BF80Z-../DPE11LB4**	375	39600	75000
4	7.3	5200	3.2	198.8	**BF90-../DPE11LB4**	581	36000	111300
4	6.3	6000	2.8	232.6	**BF90-../DPE11LB4**	581	39900	118300
4	5.6	6800	2.5	259.0	**BF90-../DPE11LB4**	581	42800	120000
4	5.4	7000	2.6	269.8	**BF90Z-../DPE11LB4**	641	42800	120000
4	4.9	7700	2.4	300.4	**BF90Z-../DPE11LB4**	641	42800	120000
4	4.3	8800	2.1	343.6	**BF90Z-../DPE11LB4**	641	42800	120000
4	3.8	10000	1.85	382.6	**BF90Z-../DPE11LB4**	641	42800	120000
4	3.2	11900	1.55	456.7	**BF90Z-../DPE11LB4**	641	42800	120000
4	2.9	13100	1.4	508.5	**BF90Z-../DPE11LB4**	641	42800	120000
4	2.5	15200	1.2	591.1	**BF90Z-../DPE11LB4**	641	42800	120000

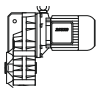
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

4 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
4	2.3	16600	1.1	658.1	**BF90Z-../DPE11LB4**	641	42800	120000
4	2.0	19100	0.97	759.0	**BF90Z-../DPE11LB4**	641	42800	120000
4	1.8	21200	0.87	845.1	**BF90Z-../DPE11LB4**	641	42800	120000

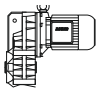
5.5 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
5.5	235	220	1.2	6.34	**BF30-../DPE11LB4C**	82	2400	-
5.5	182	285	1.0	8.07	**BF30-../DPE11LB4C**	82	2650	-
5.5	147	355	0.9	9.99	**BF30-../DPE11LB4C**	82	2850	-
5.5	114	460	0.8	12.91	**BF30-../DPE11LB4C**	82	3050	-
5.5	250	210	1.6	5.87	**BF40-../DPE11LB4C**	96	3550	-
5.5	193	270	1.35	7.62	**BF40-../DPE11LB4C**	96	3900	-
5.5	155	335	1.25	9.48	**BF40-../DPE11LB4C**	96	4150	-
5.5	125	420	1.1	11.79	**BF40-../DPE11LB4C**	96	4450	-
5.5	98	530	0.98	15.02	**BF40-../DPE11LB4C**	96	4800	-
5.5	85	610	1.05	17.35	**BF40-../DPE11LB4C**	96	4950	-
5.5	77	680	0.98	19.09	**BF40-../DPE11LB4C**	96	5100	-
5.5	68	770	0.91	21.60	**BF40-../DPE11LB4C**	96	5200	-
5.5	62	840	0.88	23.77	**BF40-../DPE11LB4C**	96	5400	-
5.5	55	950	0.82	26.86	**BF40-../DPE11LB4C**	96	5600	-
5.5	275	191	2.6	5.38	**BF50-../DPE11LB4C**	126	4500	-
5.5	191	275	2.1	7.71	**BF50-../DPE11LB4C**	126	5100	-
5.5	138	380	1.8	10.68	**BF50-../DPE11LB4C**	126	5600	-
5.5	100	520	1.5	14.65	**BF50-../DPE11LB4C**	126	6100	-
5.5	88	590	1.6	16.70	**BF50-../DPE11LB4C**	126	6200	-
5.5	79	660	1.5	18.68	**BF50-../DPE11LB4C**	126	6400	-
5.5	64	820	1.35	23.14	**BF50-../DPE11LB4C**	126	6800	-
5.5	57	920	1.25	25.88	**BF50-../DPE11LB4C**	126	7100	-
5.5	46.5	1120	1.15	31.73	**BF50-../DPE11LB4C**	126	7500	-
5.5	41.5	1260	1.05	35.49	**BF50-../DPE11LB4C**	126	7800	-
5.5	35	1500	0.87	42.15	**BF50-../DPE11LB4C**	126	8500	-
5.5	190	275	3.2	7.74	**BF60-../DPE11LB4C**	157	6000	16900
5.5	143	365	2.8	10.31	**BF60-../DPE11LB4C**	157	6500	18400
5.5	103	500	2.4	14.24	**BF60-../DPE11LB4C**	157	7100	20000
5.5	87	600	2.4	16.96	**BF60-../DPE11LB4C**	157	7300	20600
5.5	78	670	2.3	18.81	**BF60-../DPE11LB4C**	157	7600	21500
5.5	65	800	2.1	22.58	**BF60-../DPE11LB4C**	157	8000	22600
5.5	59	890	1.95	25.05	**BF60-../DPE11LB4C**	157	8200	23200
5.5	47	1110	1.7	31.20	**BF60-../DPE11LB4C**	157	8800	24900
5.5	42.5	1230	1.6	34.62	**BF60-../DPE11LB4C**	157	9100	25700
5.5	35.5	1470	1.45	41.60	**BF60-../DPE11LB4C**	157	9600	27100
5.5	32	1640	1.35	46.16	**BF60-../DPE11LB4C**	157	9900	28000
5.5	27	1940	1.2	54.44	**BF60-../DPE11LB4C**	157	10500	29700
5.5	24.5	2100	1.1	60.40	**BF60-../DPE11LB4C**	157	11100	31400
5.5	20.5	2550	0.9	72.15	**BF60-../DPE11LB4C**	157	12000	34000
5.5	18.5	2800	0.82	80.05	**BF60-../DPE11LB4C**	157	12600	35600
5.5	31	1690	3.1	47.82	**BF70-../DPE11LB4C**	236	9100	34000
5.5	26.5	1980	2.6	55.79	**BF70-../DPE11LB4C**	236	10200	36000
5.5	24	2150	2.4	61.94	**BF70-../DPE11LB4C**	236	10800	37400
5.5	20.5	2550	2.0	72.26	**BF70-../DPE11LB4C**	236	12000	39600
5.5	18	2900	1.8	81.82	**BF70-../DPE11LB4C**	236	12800	41300
5.5	15.5	3350	1.55	95.46	**BF70-../DPE11LB4C**	236	14000	43700
5.5	14	3750	1.4	105.2	**BF70-../DPE11LB4C**	236	14700	45100
5.5	12	4350	1.2	122.7	**BF70-../DPE11LB4C**	236	16100	47700
5.5	11.5	4550	1.15	133.0	**BF70Z-../DPE11LB4C**	262	16100	47700
5.5	9.6	5400	0.96	154.0	**BF70Z-../DPE11LB4C**	262	16100	47700
5.5	8.2	6400	0.81	179.7	**BF70Z-../DPE11LB4C**	262	16100	47700
5.5	18	2900	3.3	83.16	**BF80-../DPE11LB4C**	332	18400	65100

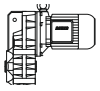
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

5.5 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
5.5	16	3250	2.9	94.38	**BF80-../DPE11LB4C**	332	20300	68500
5.5	14	3750	2.5	107.9	**BF80-../DPE11LB4C**	332	22400	72300
5.5	12	4350	2.2	122.4	**BF80-../DPE11LB4C**	332	24500	75000
5.5	10.5	5000	1.9	139.7	**BF80-../DPE11LB4C**	332	26700	75000
5.5	9.3	5600	1.7	158.5	**BF80-../DPE11LB4C**	332	29000	75000
5.5	8.0	6500	1.45	184.5	**BF80-../DPE11LB4C**	332	31800	75000
5.5	7.0	7500	1.25	209.4	**BF80-../DPE11LB4C**	332	34300	75000
5.5	6.2	8400	1.15	237.1	**BF80-../DPE11LB4C**	332	36900	75000
5.5	5.5	9500	1.0	269.1	**BF80-../DPE11LB4C**	332	39600	75000
5.5	5.1	10200	1.05	291.7	**BF80Z-../DPE11LB4C**	379	39600	75000
5.5	4.3	12200	0.86	347.3	**BF80Z-../DPE11LB4C**	379	39600	75000
5.5	9.5	5500	3.1	154.8	**BF90-../DPE11LB4C**	585	30100	100800
5.5	8.3	6300	2.7	178.6	**BF90-../DPE11LB4C**	585	33400	106700
5.5	7.4	7000	2.4	198.8	**BF90-../DPE11LB4C**	585	36000	111300
5.5	6.3	8300	2.0	232.6	**BF90-../DPE11LB4C**	585	39900	118300
5.5	5.7	9200	1.85	259.0	**BF90-../DPE11LB4C**	585	42800	120000
5.5	5.5	9500	1.95	269.8	**BF90Z-../DPE11LB4C**	645	42800	120000
5.5	4.9	10700	1.75	300.4	**BF90Z-../DPE11LB4C**	645	42800	120000
5.5	4.3	12200	1.5	343.6	**BF90Z-../DPE11LB4C**	645	42800	120000
5.5	3.9	13400	1.4	382.6	**BF90Z-../DPE11LB4C**	645	42800	120000
5.5	3.3	15900	1.15	456.7	**BF90Z-../DPE11LB4C**	645	42800	120000
5.5	2.9	18100	1.0	508.5	**BF90Z-../DPE11LB4C**	645	42800	120000
5.5	2.5	21000	0.88	591.1	**BF90Z-../DPE11LB4C**	645	42800	120000
5.5	2.3	22800	0.81	658.1	**BF90Z-../DPE11LB4C**	645	42800	120000

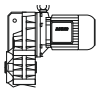
7.5 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
7.5	275	260	1.9	5.38	**BF50-../DPE13XA4**	137	4500	-
7.5	190	375	1.5	7.71	**BF50-../DPE13XA4**	137	5100	-
7.5	137	520	1.3	10.68	**BF50-../DPE13XA4**	137	5600	-
7.5	100	710	1.1	14.65	**BF50-../DPE13XA4**	137	6100	-
7.5	88	810	1.15	16.70	**BF50-../DPE13XA4**	137	6200	-
7.5	79	900	1.1	18.68	**BF50-../DPE13XA4**	137	6400	-
7.5	64	1110	1.0	23.14	**BF50-../DPE13XA4**	137	6800	-
7.5	57	1250	0.93	25.88	**BF50-../DPE13XA4**	137	7100	-
7.5	46.5	1540	0.82	31.73	**BF50-../DPE13XA4**	137	7500	-
7.5	280	255	3.0	5.22	**BF60-../DPE13XA4**	170	5200	14800
7.5	189	375	2.3	7.74	**BF60-../DPE13XA4**	170	6000	16900
7.5	142	500	2.0	10.31	**BF60-../DPE13XA4**	170	6500	18400
7.5	103	690	1.75	14.24	**BF60-../DPE13XA4**	170	7100	20000
7.5	87	820	1.75	16.96	**BF60-../DPE13XA4**	170	7300	20600
7.5	78	910	1.65	18.81	**BF60-../DPE13XA4**	170	7600	21500
7.5	65	1100	1.5	22.58	**BF60-../DPE13XA4**	170	8000	22600
7.5	59	1210	1.45	25.05	**BF60-../DPE13XA4**	170	8200	23200
7.5	47	1520	1.25	31.20	**BF60-../DPE13XA4**	170	8800	24900
7.5	42.5	1680	1.2	34.62	**BF60-../DPE13XA4**	170	9100	25700
7.5	35.5	2000	1.05	41.60	**BF60-../DPE13XA4**	170	9600	27100
7.5	32	2200	1.0	46.16	**BF60-../DPE13XA4**	170	9900	28000
7.5	27	2650	0.87	54.44	**BF60-../DPE13XA4**	170	10500	29700
7.5	40	1790	2.9	36.88	**BF70-../DPE13XA4**	249	7900	31100
7.5	34	2100	2.5	43.02	**BF70-../DPE13XA4**	249	8700	32800
7.5	31	2300	2.3	47.82	**BF70-../DPE13XA4**	249	9100	34000
7.5	26.5	2700	1.95	55.79	**BF70-../DPE13XA4**	249	10200	36000
7.5	24	2950	1.75	61.94	**BF70-../DPE13XA4**	249	10800	37400
7.5	20.5	3450	1.5	72.26	**BF70-../DPE13XA4**	249	12000	39600
7.5	18	3950	1.3	81.82	**BF70-../DPE13XA4**	249	12800	41300
7.5	15.5	4600	1.15	95.46	**BF70-../DPE13XA4**	249	14000	43700
7.5	14	5100	1.0	105.2	**BF70-../DPE13XA4**	249	14700	45100
7.5	12	5900	0.88	122.7	**BF70-../DPE13XA4**	249	16100	47700
7.5	11	6500	0.8	133.0	**BF70Z-../DPE13XA4**	274	16100	47700

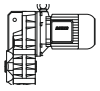
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

7.5 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
7.5	24	2950	3.2	61.55	**BF80-../DPE13XA4**	345	14800	58100
7.5	21	3400	2.8	69.86	**BF80-../DPE13XA4**	345	15900	60600
7.5	18	3950	2.4	83.16	**BF80-../DPE13XA4**	345	18400	65100
7.5	15.5	4600	2.1	94.38	**BF80-../DPE13XA4**	345	20300	68500
7.5	14	5100	1.85	107.9	**BF80-../DPE13XA4**	345	22400	72300
7.5	12	5900	1.6	122.4	**BF80-../DPE13XA4**	345	24500	75000
7.5	10.5	6800	1.4	139.7	**BF80-../DPE13XA4**	345	26700	75000
7.5	9.3	7700	1.25	158.5	**BF80-../DPE13XA4**	345	29000	75000
7.5	8.0	8900	1.05	184.5	**BF80-../DPE13XA4**	345	31800	75000
7.5	7.0	10200	0.93	209.4	**BF80-../DPE13XA4**	345	34300	75000
7.5	6.2	11500	0.83	237.1	**BF80-../DPE13XA4**	345	36900	75000
7.5	14	5100	3.3	107.5	**BF90-../DPE13XA4**	597	22300	86900
7.5	12.5	5700	2.9	119.7	**BF90-../DPE13XA4**	597	24500	90800
7.5	10.5	6800	2.5	139.1	**BF90-../DPE13XA4**	597	27700	96300
7.5	9.5	7500	2.2	154.8	**BF90-../DPE13XA4**	597	30100	100800
7.5	8.2	8700	1.95	178.6	**BF90-../DPE13XA4**	597	33400	106700
7.5	7.4	9600	1.75	198.8	**BF90-../DPE13XA4**	597	36000	111300
7.5	6.3	11300	1.5	232.6	**BF90-../DPE13XA4**	597	39900	118300
7.5	5.7	12500	1.35	259.0	**BF90-../DPE13XA4**	597	42800	120000
7.5	5.5	13000	1.4	269.8	**BF90Z-../DPE13XA4**	658	42800	120000
7.5	4.9	14600	1.25	300.4	**BF90Z-../DPE13XA4**	658	42800	120000
7.5	4.3	16600	1.1	343.6	**BF90Z-../DPE13XA4**	658	42800	120000
7.5	3.9	18300	1.0	382.6	**BF90Z-../DPE13XA4**	658	42800	120000
7.5	3.2	22300	0.83	456.7	**BF90Z-../DPE13XA4**	658	42800	120000

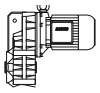
9.5 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
9.5	275	325	1.55	5.38	**BF50-../DPE16LB4**	173	4500	-
9.5	192	470	1.2	7.71	**BF50-../DPE16LB4**	173	5100	-
9.5	139	650	1.05	10.68	**BF50-../DPE16LB4**	173	5600	-
9.5	101	890	0.89	14.65	**BF50-../DPE16LB4**	173	6100	-
9.5	89	1010	0.94	16.70	**BF50-../DPE16LB4**	173	6200	-
9.5	79	1140	0.88	18.68	**BF50-../DPE16LB4**	173	6400	-
9.5	285	315	2.4	5.22	**BF60-../DPE16LB4**	206	5200	14800
9.5	191	475	1.85	7.74	**BF60-../DPE16LB4**	206	6000	16900
9.5	144	630	1.6	10.31	**BF60-../DPE16LB4**	206	6500	18400
9.5	104	870	1.35	14.24	**BF60-../DPE16LB4**	206	7100	20000
9.5	87	1040	1.4	16.96	**BF60-../DPE16LB4**	206	7300	20600
9.5	79	1140	1.35	18.81	**BF60-../DPE16LB4**	206	7600	21500
9.5	66	1370	1.2	22.58	**BF60-../DPE16LB4**	206	8000	22600
9.5	59	1530	1.15	25.05	**BF60-../DPE16LB4**	206	8200	23200
9.5	47.5	1910	0.99	31.20	**BF60-../DPE16LB4**	206	8800	24900
9.5	43	2100	0.95	34.62	**BF60-../DPE16LB4**	206	9100	25700
9.5	35.5	2550	0.84	41.60	**BF60-../DPE16LB4**	206	9600	27100
9.5	32	2800	0.8	46.16	**BF60-../DPE16LB4**	206	9900	28000
9.5	55	1640	3.2	27.29	**BF70-../DPE16LB4**	289	7000	28400
9.5	46.5	1950	2.7	31.84	**BF70-../DPE16LB4**	289	7700	30000
9.5	40	2250	2.3	36.88	**BF70-../DPE16LB4**	289	7900	31100
9.5	34.5	2600	2.0	43.02	**BF70-../DPE16LB4**	289	8700	32800
9.5	31	2900	1.8	47.82	**BF70-../DPE16LB4**	289	9100	34000
9.5	26.5	3400	1.55	55.79	**BF70-../DPE16LB4**	289	10200	36000
9.5	24	3750	1.4	61.94	**BF70-../DPE16LB4**	289	10800	37400
9.5	20.5	4400	1.2	72.26	**BF70-../DPE16LB4**	289	12000	39600
9.5	18.5	4900	1.05	81.82	**BF70-../DPE16LB4**	289	12800	41300
9.5	15.5	5800	0.9	95.46	**BF70-../DPE16LB4**	289	14000	43700
9.5	14.5	6200	0.84	105.2	**BF70-../DPE16LB4**	289	14700	45100
9.5	31.5	2850	3.0	47.46	**BF80-../DPE16LB4**	385	13400	53700
9.5	27.5	3250	2.8	53.86	**BF80-../DPE16LB4**	385	14000	55800
9.5	24	3750	2.5	61.55	**BF80-../DPE16LB4**	385	14800	58100

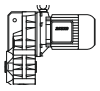
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

9.5 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
9.5	21.5	4200	2.3	69.86	**BF80-../DPE16LB4**	385	15900	60600
9.5	18	5000	1.9	83.16	**BF80-../DPE16LB4**	385	18400	65100
9.5	16	5600	1.7	94.38	**BF80-../DPE16LB4**	385	20300	68500
9.5	14	6400	1.5	107.9	**BF80-../DPE16LB4**	385	22400	72300
9.5	12.5	7200	1.3	122.4	**BF80-../DPE16LB4**	385	24500	75000
9.5	11	8200	1.15	139.7	**BF80-../DPE16LB4**	385	26700	75000
9.5	9.4	9600	0.99	158.5	**BF80-../DPE16LB4**	385	29000	75000
9.5	8.0	11300	0.84	184.5	**BF80-../DPE16LB4**	385	31800	75000
9.5	16.5	5400	3.1	90.02	**BF90-../DPE16LB4**	632	18900	80600
9.5	14	6400	2.6	107.5	**BF90-../DPE16LB4**	632	22300	86900
9.5	12.5	7200	2.3	119.7	**BF90-../DPE16LB4**	632	24500	90800
9.5	11	8200	2.0	139.1	**BF90-../DPE16LB4**	632	27700	96300
9.5	9.6	9400	1.8	154.8	**BF90-../DPE16LB4**	632	30100	100800
9.5	8.3	10900	1.55	178.6	**BF90-../DPE16LB4**	632	33400	106700
9.5	7.5	12000	1.4	198.8	**BF90-../DPE16LB4**	632	36000	111300
9.5	6.4	14100	1.2	232.6	**BF90-../DPE16LB4**	632	39900	118300
9.5	5.7	15900	1.05	259.0	**BF90-../DPE16LB4**	632	42800	120000
9.5	5.5	16400	1.15	269.8	**BF90Z-../DPE16LB4**	694	42800	120000
9.5	5.0	18100	1.0	300.4	**BF90Z-../DPE16LB4**	694	42800	120000
9.5	4.3	21000	0.88	343.6	**BF90Z-../DPE16LB4**	694	42800	120000
9.5	3.9	23200	0.8	382.6	**BF90Z-../DPE16LB4**	694	42800	120000

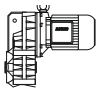
11 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
11	275	380	1.3	5.38	**BF50-../DPE16LB4**	173	4500	-
11	192	540	1.05	7.71	**BF50-../DPE16LB4**	173	5100	-
11	139	750	0.9	10.68	**BF50-../DPE16LB4**	173	5600	-
11	89	1180	0.81	16.70	**BF50-../DPE16LB4**	173	6200	-
11	285	365	2.1	5.22	**BF60-../DPE16LB4**	206	5200	14800
11	191	550	1.6	7.74	**BF60-../DPE16LB4**	206	6000	16900
11	144	720	1.4	10.31	**BF60-../DPE16LB4**	206	6500	18400
11	104	1010	1.2	14.24	**BF60-../DPE16LB4**	206	7100	20000
11	87	1200	1.2	16.96	**BF60-../DPE16LB4**	206	7300	20600
11	79	1320	1.15	18.81	**BF60-../DPE16LB4**	206	7600	21500
11	66	1590	1.05	22.58	**BF60-../DPE16LB4**	206	8000	22600
11	59	1780	0.97	25.05	**BF60-../DPE16LB4**	206	8200	23200
11	47.5	2200	0.86	31.20	**BF60-../DPE16LB4**	206	8800	24900
11	43	2400	0.83	34.62	**BF60-../DPE16LB4**	206	9100	25700
11	71	1470	3.1	21.04	**BF70-../DPE16LB4**	289	6400	26300
11	61	1720	2.9	24.55	**BF70-../DPE16LB4**	289	7000	27700
11	55	1910	2.7	27.29	**BF70-../DPE16LB4**	289	7000	28400
11	46.5	2250	2.3	31.84	**BF70-../DPE16LB4**	289	7700	30000
11	40	2600	2.0	36.88	**BF70-../DPE16LB4**	289	7900	31100
11	34.5	3000	1.75	43.02	**BF70-../DPE16LB4**	289	8700	32800
11	31	3350	1.55	47.82	**BF70-../DPE16LB4**	289	9100	34000
11	26.5	3950	1.3	55.79	**BF70-../DPE16LB4**	289	10200	36000
11	24	4350	1.2	61.94	**BF70-../DPE16LB4**	289	10800	37400
11	20.5	5100	1.0	72.26	**BF70-../DPE16LB4**	289	12000	39600
11	18.5	5600	0.93	81.82	**BF70-../DPE16LB4**	289	12800	41300
11	44	2350	3.3	33.61	**BF80-../DPE16LB4**	385	11700	48400
11	39	2650	3.0	38.14	**BF80-../DPE16LB4**	385	12200	50300
11	31.5	3300	2.6	47.46	**BF80-../DPE16LB4**	385	13400	53700
11	27.5	3800	2.4	53.86	**BF80-../DPE16LB4**	385	14000	55800
11	24	4350	2.1	61.55	**BF80-../DPE16LB4**	385	14800	58100
11	21.5	4850	1.95	69.86	**BF80-../DPE16LB4**	385	15900	60600
11	18	5800	1.65	83.16	**BF80-../DPE16LB4**	385	18400	65100
11	16	6500	1.45	94.38	**BF80-../DPE16LB4**	385	20300	68500
11	14	7500	1.25	107.9	**BF80-../DPE16LB4**	385	22400	72300
11	12.5	8400	1.15	122.4	**BF80-../DPE16LB4**	385	24500	75000

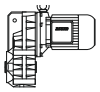
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

11 kW



P_N	50 Hz			i	**Type**	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
11	11	9500	1.0	139.7	**BF80-../DPE16LB4**	385	26700	75000
11	9.4	11100	0.86	158.5	**BF80-../DPE16LB4**	385	29000	75000
11	21	5000	3.2	70.69	**BF90-../DPE16LB4**	632	16800	74700
11	18.5	5600	3.0	80.85	**BF90-../DPE16LB4**	632	17500	77500
11	16.5	6300	2.7	90.02	**BF90-../DPE16LB4**	632	18900	80600
11	14	7500	2.2	107.5	**BF90-../DPE16LB4**	632	22300	86900
11	12.5	8400	2.0	119.7	**BF90-../DPE16LB4**	632	24500	90800
11	11	9500	1.75	139.1	**BF90-../DPE16LB4**	632	27700	96300
11	9.6	10900	1.55	154.8	**BF90-../DPE16LB4**	632	30100	100800
11	8.3	12600	1.35	178.6	**BF90-../DPE16LB4**	632	33400	106700
11	7.5	14000	1.2	198.8	**BF90-../DPE16LB4**	632	36000	111300
11	6.4	16400	1.0	232.6	**BF90-../DPE16LB4**	632	39900	118300
11	5.7	18400	0.91	259.0	**BF90-../DPE16LB4**	632	42800	120000
11	5.5	19100	0.97	269.8	**BF90Z-../DPE16LB4**	694	42800	120000
11	5.0	21000	0.88	300.4	**BF90Z-../DPE16LB4**	694	42800	120000

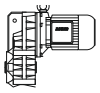
15 kW



P_N	50 Hz			i	**Type**	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
15	275	520	0.96	5.38	**BF50-../DPE16XB4**	183	4500	-
15	285	500	1.5	5.22	**BF60-../DPE16XB4**	216	5200	14800
15	191	750	1.15	7.74	**BF60-../DPE16XB4**	216	6000	16900
15	144	990	1.0	10.31	**BF60-../DPE16XB4**	216	6500	18400
15	104	1370	0.87	14.24	**BF60-../DPE16XB4**	216	7100	20000
15	87	1640	0.88	16.96	**BF60-../DPE16XB4**	216	7300	20600
15	79	1810	0.84	18.81	**BF60-../DPE16XB4**	216	7600	21500
15	99	1440	2.5	14.90	**BF70-../DPE16XB4**	299	5900	24000
15	85	1680	2.5	17.39	**BF70-../DPE16XB4**	299	6200	25000
15	71	2000	2.3	21.04	**BF70-../DPE16XB4**	299	6400	26300
15	61	2300	2.2	24.55	**BF70-../DPE16XB4**	299	7000	27700
15	55	2600	2.0	27.29	**BF70-../DPE16XB4**	299	7000	28400
15	46.5	3050	1.7	31.84	**BF70-../DPE16XB4**	299	7700	30000
15	40	3550	1.45	36.88	**BF70-../DPE16XB4**	299	7900	31100
15	34.5	4150	1.25	43.02	**BF70-../DPE16XB4**	299	8700	32800
15	31	4600	1.15	47.82	**BF70-../DPE16XB4**	299	9100	34000
15	26.5	5400	0.96	55.79	**BF70-../DPE16XB4**	299	10200	36000
15	24	5900	0.88	61.94	**BF70-../DPE16XB4**	299	10800	37400
15	90	1590	3.3	16.49	**BF80-../DPE16XB4**	395	11400	41400
15	64	2200	2.9	23.29	**BF80-../DPE16XB4**	395	11800	44900
15	49	2900	2.5	30.21	**BF80-../DPE16XB4**	395	12300	47900
15	44	3250	2.4	33.61	**BF80-../DPE16XB4**	395	11700	48400
15	39	3650	2.2	38.14	**BF80-../DPE16XB4**	395	12200	50300
15	31.5	4500	1.9	47.46	**BF80-../DPE16XB4**	395	13400	53700
15	27.5	5200	1.7	53.86	**BF80-../DPE16XB4**	395	14000	55800
15	24	5900	1.6	61.55	**BF80-../DPE16XB4**	395	14800	58100
15	21.5	6600	1.45	69.86	**BF80-../DPE16XB4**	395	15900	60600
15	18	7900	1.2	83.16	**BF80-../DPE16XB4**	395	18400	65100
15	16	8900	1.05	94.38	**BF80-../DPE16XB4**	395	20300	68500
15	14	10200	0.93	107.9	**BF80-../DPE16XB4**	395	22400	72300
15	12.5	11400	0.83	122.4	**BF80-../DPE16XB4**	395	24500	75000
15	32	4450	3.2	46.43	**BF90-../DPE16XB4**	642	13800	65500
15	29	4900	2.9	51.70	**BF90-../DPE16XB4**	642	14600	67800
15	23.5	6000	2.6	63.49	**BF90-../DPE16XB4**	642	15800	72000
15	21	6800	2.3	70.69	**BF90-../DPE16XB4**	642	16800	74700
15	18.5	7700	2.1	80.85	**BF90-../DPE16XB4**	642	17500	77500
15	16.5	8600	1.95	90.02	**BF90-../DPE16XB4**	642	18900	80600
15	14	10200	1.65	107.5	**BF90-../DPE16XB4**	642	22300	86900
15	12.5	11400	1.45	119.7	**BF90-../DPE16XB4**	642	24500	90800
15	11	13000	1.3	139.1	**BF90-../DPE16XB4**	642	27700	96300

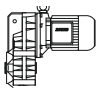
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

15 kW



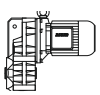
P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
15	9.6	14900	1.15	154.8	**BF90-../DPE16XB4**	642	30100	100800
15	8.3	17200	0.98	178.6	**BF90-../DPE16XB4**	642	33400	106700
15	7.5	19100	0.88	198.8	**BF90-../DPE16XB4**	642	36000	111300

18.5 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
18.5	285	610	1.25	5.22	**BF60-../DPE18LB4**	263	5200	14800
18.5	192	920	0.94	7.74	**BF60-../DPE18LB4**	263	6000	16900
18.5	144	1220	0.83	10.31	**BF60-../DPE18LB4**	263	6500	18400
18.5	144	1220	2.1	10.32	**BF70-../DPE18LB4**	340	4600	18700
18.5	123	1430	2.1	12.04	**BF70-../DPE18LB4**	340	4900	19700
18.5	100	1760	2.1	14.90	**BF70-../DPE18LB4**	340	5900	24000
18.5	86	2050	2.1	17.39	**BF70-../DPE18LB4**	340	6200	25000
18.5	71	2450	1.9	21.04	**BF70-../DPE18LB4**	340	6400	26300
18.5	61	2850	1.75	24.55	**BF70-../DPE18LB4**	340	7000	27700
18.5	55	3200	1.65	27.29	**BF70-../DPE18LB4**	340	7000	28400
18.5	46.5	3750	1.4	31.84	**BF70-../DPE18LB4**	340	7700	30000
18.5	40.5	4350	1.2	36.88	**BF70-../DPE18LB4**	340	7900	31100
18.5	34.5	5100	1.0	43.02	**BF70-../DPE18LB4**	340	8700	32800
18.5	31	5600	0.93	47.82	**BF70-../DPE18LB4**	340	9100	34000
18.5	27	6500	0.8	55.79	**BF70-../DPE18LB4**	340	10200	36000
18.5	130	1350	2.7	11.42	**BF80-../DPE18LB4**	436	8900	32200
18.5	90	1960	2.7	16.49	**BF80-../DPE18LB4**	436	11400	41400
18.5	64	2750	2.3	23.29	**BF80-../DPE18LB4**	436	11800	44900
18.5	49	3600	2.0	30.21	**BF80-../DPE18LB4**	436	12300	47900
18.5	44.5	3950	1.95	33.61	**BF80-../DPE18LB4**	436	11700	48400
18.5	39	4500	1.8	38.14	**BF80-../DPE18LB4**	436	12200	50300
18.5	31.5	5600	1.55	47.46	**BF80-../DPE18LB4**	436	13400	53700
18.5	27.5	6400	1.4	53.86	**BF80-../DPE18LB4**	436	14000	55800
18.5	24.5	7200	1.3	61.55	**BF80-../DPE18LB4**	436	14800	58100
18.5	21.5	8200	1.15	69.86	**BF80-../DPE18LB4**	436	15900	60600
18.5	18	9800	0.97	83.16	**BF80-../DPE18LB4**	436	18400	65100
18.5	16	11000	0.86	94.38	**BF80-../DPE18LB4**	436	20300	68500
18.5	44	4000	3.2	33.71	**BF90-../DPE18LB4**	688	11900	59300
18.5	39.5	4450	3.0	37.54	**BF90-../DPE18LB4**	688	12700	61500
18.5	32	5500	2.6	46.43	**BF90-../DPE18LB4**	688	13800	65500
18.5	29	6000	2.4	51.70	**BF90-../DPE18LB4**	688	14600	67800
18.5	23.5	7500	2.1	63.49	**BF90-../DPE18LB4**	688	15800	72000
18.5	21	8400	1.9	70.69	**BF90-../DPE18LB4**	688	16800	74700
18.5	18.5	9500	1.75	80.85	**BF90-../DPE18LB4**	688	17500	77500
18.5	16.5	10700	1.55	90.02	**BF90-../DPE18LB4**	688	18900	80600
18.5	14	12600	1.35	107.5	**BF90-../DPE18LB4**	688	22300	86900
18.5	12.5	14100	1.2	119.7	**BF90-../DPE18LB4**	688	24500	90800
18.5	11	16000	1.05	139.1	**BF90-../DPE18LB4**	688	27700	96300
18.5	9.6	18400	0.91	154.8	**BF90-../DPE18LB4**	688	30100	100800

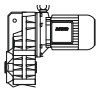
22 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
22	285	730	1.05	5.22	**BF60-../DPE18XB4**	281	5200	14800
22	143	1460	1.7	10.32	**BF70-../DPE18XB4**	358	4600	18700
22	123	1700	1.75	12.04	**BF70-../DPE18XB4**	358	4900	19700
22	99	2100	1.75	14.90	**BF70-../DPE18XB4**	358	5900	24000

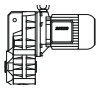
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

22 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
22	85	2450	1.75	17.39	**BF70-../DPE18XB4**	358	6200	25000
22	71	2950	1.55	21.04	**BF70-../DPE18XB4**	358	6400	26300
22	61	3400	1.5	24.55	**BF70-../DPE18XB4**	358	7000	27700
22	55	3800	1.35	27.29	**BF70-../DPE18XB4**	358	7000	28400
22	46.5	4500	1.15	31.84	**BF70-../DPE18XB4**	358	7700	30000
22	40	5200	1.0	36.88	**BF70-../DPE18XB4**	358	7900	31100
22	34.5	6000	0.87	43.02	**BF70-../DPE18XB4**	358	8700	32800
22	130	1610	2.3	11.42	**BF80-../DPE18XB4**	454	8900	32200
22	90	2300	2.3	16.49	**BF80-../DPE18XB4**	454	11400	41400
22	64	3250	1.95	23.29	**BF80-../DPE18XB4**	454	11800	44900
22	49	4250	1.65	30.21	**BF80-../DPE18XB4**	454	12300	47900
22	44	4750	1.65	33.61	**BF80-../DPE18XB4**	454	11700	48400
22	39	5300	1.5	38.14	**BF80-../DPE18XB4**	454	12200	50300
22	31.5	6600	1.3	47.46	**BF80-../DPE18XB4**	454	13400	53700
22	27.5	7600	1.2	53.86	**BF80-../DPE18XB4**	454	14000	55800
22	24	8700	1.05	61.55	**BF80-../DPE18XB4**	454	14800	58100
22	21.5	9700	0.98	69.86	**BF80-../DPE18XB4**	454	15900	60600
22	18	11600	0.82	83.16	**BF80-../DPE18XB4**	454	18400	65100
22	44	4750	2.7	33.71	**BF90-../DPE18XB4**	706	11900	59300
22	39.5	5300	2.5	37.54	**BF90-../DPE18XB4**	706	12700	61500
22	32	6500	2.2	46.43	**BF90-../DPE18XB4**	706	13800	65500
22	29	7200	2.0	51.70	**BF90-../DPE18XB4**	706	14600	67800
22	23.5	8900	1.75	63.49	**BF90-../DPE18XB4**	706	15800	72000
22	21	10000	1.6	70.69	**BF90-../DPE18XB4**	706	16800	74700
22	18.5	11300	1.45	80.85	**BF90-../DPE18XB4**	706	17500	77500
22	16.5	12700	1.3	90.02	**BF90-../DPE18XB4**	706	18900	80600
22	14	15000	1.1	107.5	**BF90-../DPE18XB4**	706	22300	86900
22	12.5	16800	1.0	119.7	**BF90-../DPE18XB4**	706	24500	90800
22	11	19100	0.88	139.1	**BF90-../DPE18XB4**	706	27700	96300

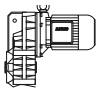
30 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
30	144	1980	1.25	10.32	**BF70-../DPE20XA4**	513	4600	18700
30	123	2300	1.3	12.04	**BF70-../DPE20XA4**	513	4900	19700
30	100	2850	1.3	14.90	**BF70-../DPE20XA4**	513	5900	24000
30	86	3300	1.3	17.39	**BF70-../DPE20XA4**	513	6200	25000
30	71	4000	1.15	21.04	**BF70-../DPE20XA4**	513	6400	26300
30	61	4650	1.1	24.55	**BF70-../DPE20XA4**	513	7000	27700
30	55	5200	1.0	27.29	**BF70-../DPE20XA4**	513	7000	28400
30	46.5	6100	0.85	31.84	**BF70-../DPE20XA4**	513	7700	30000
30	130	2200	1.65	11.42	**BF80-../DPE20XA4**	609	8900	32200
30	90	3150	1.7	16.49	**BF80-../DPE20XA4**	609	11400	41400
30	64	4450	1.4	23.29	**BF80-../DPE20XA4**	609	11800	44900
30	49	5800	1.25	30.21	**BF80-../DPE20XA4**	609	12300	47900
30	44.5	6400	1.2	33.61	**BF80-../DPE20XA4**	609	11700	48400
30	39	7300	1.1	38.14	**BF80-../DPE20XA4**	609	12200	50300
30	31.5	9000	0.96	47.46	**BF80-../DPE20XA4**	609	13400	53700
30	27.5	10400	0.86	53.86	**BF80-../DPE20XA4**	609	14000	55800
30	24.5	11600	0.8	61.55	**BF80-../DPE20XA4**	609	14800	58100
30	119	2400	3.0	12.45	**BF90-../DPE20XA4**	859	8000	39700
30	86	3300	3.1	17.39	**BF90-../DPE20XA4**	859	10000	49500
30	62	4600	2.4	23.95	**BF90-../DPE20XA4**	859	11100	54300
30	44	6500	2.0	33.71	**BF90-../DPE20XA4**	859	11900	59300
30	39.5	7200	1.85	37.54	**BF90-../DPE20XA4**	859	12700	61500
30	32	8900	1.6	46.43	**BF90-../DPE20XA4**	859	13800	65500
30	29	9800	1.45	51.70	**BF90-../DPE20XA4**	859	14600	67800
30	23.5	12100	1.25	63.49	**BF90-../DPE20XA4**	859	15800	72000
30	21	13600	1.15	70.69	**BF90-../DPE20XA4**	859	16800	74700
30	18.5	15400	1.05	80.85	**BF90-../DPE20XA4**	859	17500	77500

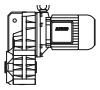
The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

30 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
30	16.5	17300	0.97	90.02	**BF90-../DPE20XA4**	859	18900	80600
30	14	20400	0.82	107.5	**BF90-../DPE20XA4**	859	22300	86900

37 kW



P_N	50 Hz			i	Type	m		
	n_2	M_2	f_B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
37	144	2450	1.05	10.32	**BF70-../DPE22MA4**	569	4600	18700
37	123	2850	1.05	12.04	**BF70-../DPE22MA4**	569	4900	19700
37	100	3500	1.05	14.90	**BF70-../DPE22MA4**	569	5900	24000
37	86	4100	1.05	17.39	**BF70-../DPE22MA4**	569	6200	25000
37	130	2700	1.35	11.42	**BF80-../DPE22MA4**	665	8900	32200
37	90	3900	1.35	16.49	**BF80-../DPE22MA4**	665	11400	41400
37	64	5500	1.15	23.29	**BF80-../DPE22MA4**	665	11800	44900
37	119	2950	2.4	12.45	**BF90-../DPE22MA4**	915	8000	39700
37	86	4100	2.5	17.39	**BF90-../DPE22MA4**	915	10000	49500
37	62	5600	2.0	23.95	**BF90-../DPE22MA4**	915	11100	54300
37	44	8000	1.6	33.71	**BF90-../DPE22MA4**	915	11900	59300
37	39.5	8900	1.5	37.54	**BF90-../DPE22MA4**	915	12700	61500
37	32	11000	1.3	46.43	**BF90-../DPE22MA4**	915	13800	65500
37	29	12100	1.2	51.70	**BF90-../DPE22MA4**	915	14600	67800
37	23.5	15000	1.05	63.49	**BF90-../DPE22MA4**	915	15800	72000

The torques marked (*) are maximum permissible torques for service factor f_B=1.0.