

**BF-series shaft-mounted geared motors
Selection**

117-154

Description of shaft mounted-geared units

- Sizes
 - Bauer service factors (f_B) for shaft-mounted geared motors
 - Continuous operation without switching frequency $Z \leq 1/h$
 - Switching duty
 - Bauer service factor
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 - Key to abbreviations
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BF-series shaft-mounted geared motors

Description of shaft-mounted gear units

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 $Z \leq 1/h$

Factor f_1 for shock classification and operating time

Shock classification	Operating hours per day t_d	>4 h	>8 h	>16 h
		≤ 8 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 $t_d \leq 8$ h/d

Shock classification	$1 < Z \leq 100$	$100 < Z \leq 1000$	$1000 < Z$
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	$1 < Z \leq 100$	$100 < Z \leq 1000$	$1000 < Z$
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:

- $Fl \leq 1,3$
- $M_x/M_N \leq 1,0$
- Shock-absorbing power transmission components (e.g. highly resilient, zero-play coupling, $\varphi N \geq 5^\circ$)

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Shock classification II:

Moderate shock loads. At least one of the following conditions applies:

- $1,3 < FI \leq 4$
- $1 < M_x/M_N \leq 1,6$
- Shock-neutral power transmission components (e.g. gear wheels, zero-play rigid coupling or resilient coupling with $\varphi_N < 5^\circ$)

Shock classification III:

Heavy shock loads. At least one of the following conditions applies:

- $FI > 4$
- $1,6 < M_x/M_N \leq 2,0$
- Shock-amplifying power transmission components (e.g. coupling with play or chain drive)

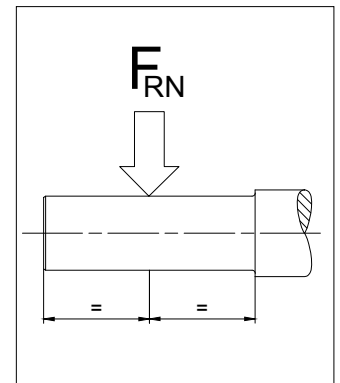
Key to abbreviations

Z	Switching duty number of switching operations per hour
t_d	Daily operating time in hours (h/d)
FI	Factor of inertia $FI = (J_{ext} + J_{rot})/J_{rot}$
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 (kgm^2)
M_x	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

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)



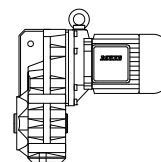
Use the selection tables to determine the size of geared motor required. The codes clearly define the Type of gear unit and output shaft (see chapter 11 „dimensional drawings shaft-mounted gear motors“).

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).

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 0.12 kW

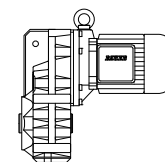
50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
150	7.6	9.2	9.21	BF06-../DPE05LA4	10	1900	-	182	6.2	11
115	9.9	7.6	12.07	BF06-../DPE05LA4	10	2000	-	139	8.2	9.1
98	11.6	7.3	14.21	BF06-../DPE05LA4	10	2100	-	118	9.7	8.8
82	13.9	6.8	16.99	BF06-../DPE05LA4	10	2500	-	99	11.5	8.3
68	16.8	5.7	20.42	BF06-../DPE05LA4	10	2700	-	82	13.9	6.8
52	22	4.3	26.76	BF06-../DPE05LA4	10	3000	-	63	18.1	5.2
44	26	3.7	31.50	BF06-../DPE05LA4	10	3200	-	54	21	4.5
37	30.5	3.1	37.69	BF06-../DPE05LA4	10	3500	-	44.5	25.5	3.7
30	38	2.5	46.14	BF06-../DPE05LA4	10	3800	-	36.5	31	3.1
24	47.5	2.0	58.33	BF06-../DPE05LA4	10	4000	-	29	39.5	2.4
21	54	1.75	66.82	BF06-../DPE05LA4	10	4000	-	25	45.5	2.1
17	67	1.4	83.61	BF06-../DPE05LA4	10	4000	-	20	57	1.65
15	76	1.25	95.16	BF06-../DPE05LA4	10	4000	-	18	63	1.5
12.5	91	0.89	110.8	BF06-../DPE05LA4	10	4000	-	15.5	73	1.1
15.5	73	3.3	90.91	BF10-../DPE06LA4	23	5400	-	18.5	61	3.9
14	81	3.0	99.97	BF10-../DPE06LA4	23	5600	-	17	67	3.6
12.5	91	2.6	112.3	BF10-../DPE06LA4	23	5900	-	15	76	3.2
11.5	99	2.4	123.5	BF10-../DPE06LA4	23	6100	-	14	81	3.0
11	104	2.3	128.9	BF10-../DPE06LA4	23	6200	-	13	88	2.7
9.8	116	2.1	141.8	BF10-../DPE06LA4	23	6400	-	12	95	2.5
9.2	124	1.95	151.2	BF10Z-../DPE06LA4	24	6400	-	11.5	99	2.4
8.4	136	1.75	166.2	BF10Z-../DPE06LA4	24	6400	-	10.5	109	2.2
7.7	148	1.6	180.1	BF10Z-../DPE06LA4	24	6400	-	9.3	123	1.95
7.0	163	1.45	198.0	BF10Z-../DPE06LA4	24	6400	-	8.5	134	1.8
6.5	176	1.35	214.5	BF10Z-../DPE06LA4	24	6400	-	7.8	146	1.65
5.9	194	1.25	235.8	BF10Z-../DPE06LA4	24	6400	-	7.1	161	1.5
5.4	210	1.15	257.4	BF10Z-../DPE06LA4	24	6400	-	6.5	176	1.35
4.9	230	1.05	283.1	BF10Z-../DPE06LA4	24	6400	-	5.9	194	1.25
4.3	265	0.91	324.3	BF10Z-../DPE06LA4	24	6400	-	5.2	220	1.1
3.9	290	0.83	356.6	BF10Z-../DPE06LA4	24	6400	-	4.7	240	1.0
3.7	265	0.98	377.9	BF10G06-../DPE06LA4	28	6400	-	4.5	210	1.25
3.3	300	0.87	424.5	BF10G06-../DPE06LA4	28	6400	-	4.0	240	1.1
2.6	260*	1.0	536.0	BF10G06-../DPE06LA4	28	6400	-	3.2	260	1.0
2.2	260*	1.0	643.8	BF10G06-../DPE06LA4	28	6400	-	2.6	260	1.0
1.8	260*	1.0	768.2	BF10G06-../DPE06LA4	28	6400	-	2.2	260	1.0
1.7	260*	1.0	845.1	BF10G06-../DPE06LA4	28	6400	-	2.0	260	1.0
1.4	260*	1.0	994.0	BF10G06-../DPE06LA4	28	6400	-	1.7	260	1.0
1.2	260*	1.0	1190	BF10G06-../DPE06LA4	28	6400	-	1.5	260	1.0
1.0	260*	1.0	1452	BF10G06-../DPE06LA4	28	6400	-	1.2	260	1.0
0.8	260*	1.0	1744	BF10G06-../DPE06LA4	28	6400	-	1.0	260	1.0
0.7	260*	1.0	2096	BF10G06-../DPE06LA4	28	6400	-	0.8	260	1.0
0.6	260*	1.0	2467	BF10G06-../DPE06LA4	28	6400	-	0.7	260	1.0
0.47	260*	1.0	2952	BF10G06-../DPE06LA4	28	6400	-	0.6	260	1.0
0.43	260*	1.0	3220	BF10G06-../DPE06LA4	28	6400	-	0.55	260	1.0
0.36	260*	1.0	3942	BF10G06-../DPE06LA4	28	6400	-	0.43	260	1.0
0.31	260*	1.0	4569	BF10G06-../DPE06LA4	28	6400	-	0.37	260	1.0
0.25	260*	1.0	5709	BF10G06-../DPE06LA4	28	6400	-	0.3	260	1.0
0.22	260*	1.0	6550	BF10G06-../DPE06LA4	28	6400	-	0.26	260	1.0
0.2	260*	1.0	7144	BF10G06-../DPE06LA4	28	6400	-	0.24	260	1.0
0.16	260*	1.0	8681	BF10G06-../DPE06LA4	28	6400	-	0.2	260	1.0
0.15	260*	1.0	9471	BF10G06-../DPE06LA4	28	6400	-	0.18	260	1.0
8.9	128	3.3	155.4	BF20Z-../DPE06LA4	31	7900	-	11	104	4.0
8.4	136	3.1	164.3	BF20Z-../DPE06LA4	31	7900	-	10.5	109	3.9
7.7	148	2.8	180.8	BF20Z-../DPE06LA4	31	7900	-	9.3	123	3.4
7.1	161	2.6	197.1	BF20Z-../DPE06LA4	31	7900	-	8.5	134	3.1
6.4	179	2.3	216.9	BF20Z-../DPE06LA4	31	7900	-	7.7	148	2.8
5.9	194	2.2	235.9	BF20Z-../DPE06LA4	31	7900	-	7.1	161	2.6
5.4	210	2.0	259.6	BF20Z-../DPE06LA4	31	7900	-	6.5	176	2.4

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



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Selection - shaft-mounted geared motors



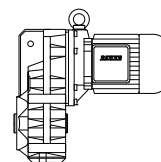
P = 0.12 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
4.7	240	1.75	295.5	BF20Z-../DPE06LA4	31	7900	-	5.7	200	2.1
4.3	265	1.6	325.2	BF20Z-../DPE06LA4	31	7900	-	5.2	220	1.9
4.1	275	1.55	339.1	BF20Z-../DPE06LA4	31	7900	-	5.0	225	1.85
3.7	305	1.4	373.1	BF20Z-../DPE06LA4	31	7900	-	4.5	250	1.7
3.4	335	1.25	418.1	BF20Z-../DPE06LA4	31	7900	-	4.0	285	1.45
3.0	380	1.1	460.0	BF20Z-../DPE06LA4	31	7900	-	3.7	305	1.4
2.7	370	1.25	513.7	BF20G06-../DPE06LA4	34	7900	-	3.3	290	1.6
2.3	435	1.05	617.0	BF20G06-../DPE06LA4	34	7900	-	2.8	345	1.35
1.9	540	0.85	736.1	BF20G06-../DPE06LA4	34	7900	-	2.3	435	1.05
1.8	570	0.81	810.0	BF20G06-../DPE06LA4	34	7900	-	2.1	480	0.96
1.5	460*	1.0	952.7	BF20G06-../DPE06LA4	34	7900	-	1.8	460	1.0
1.3	460*	1.0	1140	BF20G06-../DPE06LA4	34	7900	-	1.5	460	1.0
1.0	460*	1.0	1392	BF20G06-../DPE06LA4	34	7900	-	1.2	460	1.0
0.95	460*	1.0	1533	BF20G06-../DPE06LA4	34	7900	-	1.1	460	1.0
0.8	460*	1.0	1764	BF20G06-../DPE06LA4	34	7900	-	0.95	460	1.0
0.65	460*	1.0	2192	BF20G06-../DPE06LA4	34	7900	-	0.8	460	1.0
0.55	460*	1.0	2579	BF20G06-../DPE06LA4	34	7900	-	0.65	460	1.0
0.49	460*	1.0	2829	BF20G06-../DPE06LA4	34	7900	-	0.6	460	1.0
0.45	460*	1.0	3086	BF20G06-../DPE06LA4	34	7900	-	0.55	460	1.0
0.37	460*	1.0	3778	BF20G06-../DPE06LA4	34	7900	-	0.45	460	1.0
0.32	460*	1.0	4379	BF20G06-../DPE06LA4	34	7900	-	0.39	460	1.0
0.26	460*	1.0	5471	BF20G06-../DPE06LA4	34	7900	-	0.31	460	1.0
0.21	460*	1.0	6847	BF20G06-../DPE06LA4	34	7900	-	0.25	460	1.0
0.17	460*	1.0	8320	BF20G06-../DPE06LA4	34	7900	-	0.21	460	1.0
0.16	460*	1.0	9077	BF20G06-../DPE06LA4	34	7900	-	0.19	460	1.0
6.2	184	3.1	224.8	BF30Z-../DPE06LA4	42	7400	-	7.5	152	3.8
5.6	200	2.9	247.3	BF30Z-../DPE06LA4	42	7400	-	6.8	168	3.4
5.3	215	2.7	263.5	BF30Z-../DPE06LA4	42	7400	-	6.4	179	3.2
4.8	235	2.4	289.8	BF30Z-../DPE06LA4	42	7400	-	5.8	197	2.9
4.5	250	2.3	310.7	BF30Z-../DPE06LA4	42	7400	-	5.4	210	2.7
4.1	275	2.1	341.8	BF30Z-../DPE06LA4	42	7400	-	4.9	230	2.5
3.7	305	1.9	375.1	BF30Z-../DPE06LA4	42	7400	-	4.5	250	2.3
3.4	335	1.7	412.6	BF30Z-../DPE06LA4	42	7400	-	4.1	275	2.1
3.0	380	1.5	463.3	BF30Z-../DPE06LA4	42	7400	-	3.7	305	1.9
2.8	405	1.4	509.6	BF30Z-../DPE06LA4	42	7400	-	3.3	345	1.65
2.6	440	1.3	537.0	BF30Z-../DPE06LA4	42	7400	-	3.2	355	1.6
2.4	475	1.2	590.7	BF30Z-../DPE06LA4	42	7400	-	2.9	395	1.45
2.3	435	1.45	622.4	BF30G06-../DPE06LA4	45	7400	-	2.7	360	1.75
2.0	510	1.25	705.1	BF30G06-../DPE06LA4	45	7400	-	2.4	420	1.5
1.7	600	1.05	817.1	BF30G06-../DPE06LA4	45	7400	-	2.1	475	1.35
1.5	690	0.91	961.1	BF30G06-../DPE06LA4	45	7400	-	1.8	560	1.15
1.2	630*	1.0	1150	BF30G06-../DPE06LA4	45	7400	-	1.5	630	1.0
1.1	630*	1.0	1286	BF30G06-../DPE06LA4	45	7400	-	1.3	630	1.0
1.0	630*	1.0	1404	BF30G06-../DPE06LA4	45	7400	-	1.2	630	1.0
0.85	630*	1.0	1686	BF30G06-../DPE06LA4	45	7400	-	1.0	630	1.0
0.7	630*	1.0	2026	BF30G06-../DPE06LA4	45	7400	-	0.85	630	1.0
0.6	630*	1.0	2386	BF30G06-../DPE06LA4	45	7400	-	0.7	630	1.0
0.49	630*	1.0	2854	BF30G06-../DPE06LA4	45	7400	-	0.6	630	1.0
0.4	630*	1.0	3493	BF30G06-../DPE06LA4	45	7400	-	0.48	630	1.0
0.37	630*	1.0	3811	BF30G06-../DPE06LA4	45	7400	-	0.44	630	1.0
0.32	630*	1.0	4417	BF30G06-../DPE06LA4	45	7400	-	0.38	630	1.0
0.28	630*	1.0	5060	BF30G06-../DPE06LA4	45	7400	-	0.34	630	1.0
0.22	630*	1.0	6333	BF30G06-../DPE06LA4	45	7400	-	0.27	630	1.0
0.2	630*	1.0	7206	BF30G06-../DPE06LA4	45	7400	-	0.24	630	1.0
0.18	630*	1.0	7861	BF30G06-../DPE06LA4	45	7400	-	0.22	630	1.0
0.16	630*	1.0	9157	BF30G06-../DPE06LA4	45	7400	-	0.19	630	1.0
4.0	285	3.2	346.8	BF40Z-../DPE06LA4	53	10600	-	4.9	230	3.9
3.7	305	3.0	381.5	BF40Z-../DPE06LA4	53	10600	-	4.4	260	3.5

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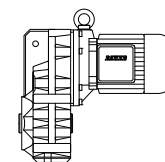
P = 0.12 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
3.4	335	2.7	417.3	BF40Z-../DPE06LA4	53	10600	-	4.1	275	3.3
3.1	365	2.5	459.1	BF40Z-../DPE06LA4	53	10600	-	3.7	305	3.0
2.7	420	2.1	514.6	BF40Z-../DPE06LA4	53	10600	-	3.3	345	2.6
2.5	455	2.0	566.1	BF40Z-../DPE06LA4	53	10600	-	3.0	380	2.4
1.9	395	2.5	731.6	BF40G10-../DPE06LA4	58	10600	-	2.3	290	3.4
1.5	540	1.85	928.9	BF40G10-../DPE06LA4	58	10600	-	1.8	410	2.4
1.3	640	1.55	1106	BF40G10-../DPE06LA4	58	10600	-	1.6	475	2.1
1.1	800	1.25	1324	BF40G10-../DPE06LA4	58	10600	-	1.3	640	1.55
0.95	940	1.05	1484	BF40G10-../DPE06LA4	58	10600	-	1.2	690	1.45
0.8	1000*	1.0	1810	BF40G10-../DPE06LA4	58	10600	-	0.95	1000	1.0
0.7	1000*	1.0	1997	BF40G10-../DPE06LA4	58	10600	-	0.85	1000	1.0
0.55	1000*	1.0	2536	BF40G10-../DPE06LA4	58	10600	-	0.7	1000	1.0
0.5	1000*	1.0	2810	BF40G10-../DPE06LA4	58	10600	-	0.6	1000	1.0
0.42	1000*	1.0	3346	BF40G10-../DPE06LA4	58	10600	-	0.5	1000	1.0
0.35	1000*	1.0	3985	BF40G10-../DPE06LA4	58	10600	-	0.42	1000	1.0
0.29	1000*	1.0	4784	BF40G10-../DPE06LA4	58	10600	-	0.35	1000	1.0
0.26	1000*	1.0	5439	BF40G10-../DPE06LA4	58	10600	-	0.31	1000	1.0
0.22	1000*	1.0	6377	BF40G10-../DPE06LA4	58	10600	-	0.27	1000	1.0
0.18	1000*	1.0	7875	BF40G10-../DPE06LA4	58	10600	-	0.22	1000	1.0
0.16	1000*	1.0	9042	BF40G10-../DPE06LA4	58	10600	-	0.19	1000	1.0
2.8	405	3.2	496.4	BF50Z-../DPE06LA4	82	13600	-	3.4	335	3.9
2.5	455	2.9	555.2	BF50Z-../DPE06LA4	82	13600	-	3.1	365	3.6
1.6	500	2.8	864.5	BF50G10-../DPE06LA4	86	13600	-	2.0	365	3.8
1.4	590	2.4	1029	BF50G10-../DPE06LA4	86	13600	-	1.7	445	3.1
1.2	740	1.9	1203	BF50G10-../DPE06LA4	86	13600	-	1.4	600	2.3
1.1	800	1.75	1359	BF50G10-../DPE06LA4	86	13600	-	1.3	640	2.2
0.95	930	1.5	1520	BF50G10-../DPE06LA4	86	13600	-	1.1	770	1.8
0.85	1060	1.3	1684	BF50G10-../DPE06LA4	86	13600	-	1.0	860	1.65
0.7	1330	1.05	2059	BF50G10-../DPE06LA4	86	13600	-	0.85	1040	1.35
0.6	1400*	1.0	2360	BF50G10-../DPE06LA4	86	13600	-	0.75	1400	1.0
0.5	1400*	1.0	2810	BF50G10-../DPE06LA4	86	13600	-	0.6	1400	1.0
0.42	1400*	1.0	3348	BF50G10-../DPE06LA4	86	13600	-	0.5	1400	1.0
0.35	1400*	1.0	4019	BF50G10-../DPE06LA4	86	13600	-	0.42	1400	1.0
0.28	1400*	1.0	5062	BF50G10-../DPE06LA4	86	13600	-	0.33	1400	1.0
0.24	1400*	1.0	5935	BF50G10-../DPE06LA4	86	13600	-	0.29	1400	1.0
0.19	1400*	1.0	7329	BF50G10-../DPE06LA4	86	13600	-	0.23	1400	1.0
0.17	1400*	1.0	8120	BF50G10-../DPE06LA4	86	13600	-	0.21	1400	1.0
0.15	1400*	1.0	9324	BF50G10-../DPE06LA4	86	13600	-	0.18	1400	1.0
0.95	820	3.0	1494	BF60G20-../DPE06LA4	134	15300	43300	1.2	570	4.4
0.85	920	2.7	1658	BF60G20-../DPE06LA4	134	15300	43300	1.1	620	4.0
0.75	1080	2.3	1955	BF60G20-../DPE06LA4	134	15300	43300	0.9	820	3.0
0.65	1300	1.9	2172	BF60G20-../DPE06LA4	134	15300	43300	0.8	970	2.6
0.5	1790	1.4	2781	BF60G20-../DPE06LA4	134	15300	43300	0.65	1260	2.0
0.43	2150	1.15	3237	BF60G20-../DPE06LA4	134	15300	43300	0.55	1580	1.6
0.36	2500*	1.0	3883	BF60G20-../DPE06LA4	134	15300	43300	0.44	2500	1.0
0.3	2500*	1.0	4646	BF60G20-../DPE06LA4	134	15300	43300	0.36	2500	1.0
0.27	2500*	1.0	5241	BF60G20-../DPE06LA4	134	15300	43300	0.32	2500	1.0
0.23	2500*	1.0	6014	BF60G20-../DPE06LA4	134	15300	43300	0.28	2500	1.0
0.21	2500*	1.0	6679	BF60G20-../DPE06LA4	134	15300	43300	0.26	2500	1.0
0.17	2500*	1.0	8235	BF60G20-../DPE06LA4	134	15300	43300	0.21	2500	1.0
0.49	1840	3.1	2849	BF70G20-../DPE06LA4	212	16100	47700	0.6	1410	4.0
0.41	2300	2.5	3417	BF70G20-../DPE06LA4	212	16100	47700	0.49	1840	3.1
0.34	2850	2.0	4090	BF70G20-../DPE06LA4	212	16100	47700	0.41	2300	2.5
0.31	3200	1.8	4542	BF70G20-../DPE06LA4	212	16100	47700	0.37	2600	2.2
0.27	3750	1.5	5124	BF70G20-../DPE06LA4	212	16100	47700	0.33	2950	1.95
0.25	4050	1.4	5691	BF70G20-../DPE06LA4	212	16100	47700	0.3	3300	1.75
0.22	4700	1.2	6530	BF70G20-../DPE06LA4	212	16100	47700	0.26	3900	1.45

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 0.12 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
0.2	5200	1.1	7248	BF70G20-../DPE06LA4	212	16100	47700	0.24	4250	1.35
0.18	5700*	1.0	8052	BF70G20-../DPE06LA4	212	16100	47700	0.21	5700	1.0

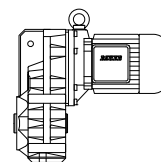
P = 0.18 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
181	9.4	7.2	7.66	BF06-../DPE07LA4	14	1800	-	220	7.8	8.7
150	11.4	6.1	9.21	BF06-../DPE07LA4	14	1900	-	182	9.4	7.4
115	14.9	5.0	12.07	BF06-../DPE07LA4	14	2000	-	139	12.3	6.1
98	17.5	4.9	14.21	BF06-../DPE07LA4	14	2100	-	118	14.5	5.9
82	20.5	4.6	16.99	BF06-../DPE07LA4	14	2500	-	99	17.3	5.5
68	25	3.8	20.42	BF06-../DPE07LA4	14	2700	-	82	20.5	4.6
52	33	2.9	26.76	BF06-../DPE07LA4	14	3000	-	63	27	3.5
44	39	2.4	31.50	BF06-../DPE07LA4	14	3200	-	54	31.5	3.0
37	46	2.1	37.69	BF06-../DPE07LA4	14	3500	-	44.5	38.5	2.5
30	57	1.65	46.14	BF06-../DPE07LA4	14	3800	-	36.5	47	2.0
24	71	1.35	58.33	BF06-../DPE07LA4	14	4000	-	29	59	1.6
21	81	1.15	66.82	BF06-../DPE07LA4	14	4000	-	25	68	1.4
17	101	0.94	83.61	BF06-../DPE07LA4	14	4000	-	20	85	1.1
15	114	0.83	95.16	BF06-../DPE07LA4	14	4000	-	18	95	1.0
22.5	76	3.2	61.55	BF10-../DPE07LA4	26	4700	-	27.5	62	3.9
20.5	83	2.9	67.69	BF10-../DPE07LA4	26	4900	-	25	68	3.5
18	95	2.5	77.55	BF10-../DPE07LA4	26	5100	-	22	78	3.1
16.5	104	2.3	85.27	BF10-../DPE07LA4	26	5300	-	20	85	2.8
15.5	110	2.2	90.91	BF10-../DPE07LA4	26	5400	-	18.5	92	2.6
14	122	1.95	99.97	BF10-../DPE07LA4	26	5600	-	17	101	2.4
12.5	137	1.75	112.3	BF10-../DPE07LA4	26	5900	-	15	114	2.1
11.5	149	1.6	123.5	BF10-../DPE07LA4	26	6100	-	14	122	1.95
11	156	1.55	128.9	BF10-../DPE07LA4	26	6200	-	13	132	1.8
9.8	175	1.35	141.8	BF10-../DPE07LA4	26	6400	-	12	143	1.7
9.2	186	1.3	151.2	BF10Z-../DPE07LA4	27	6400	-	11.5	149	1.6
8.4	200	1.2	166.2	BF10Z-../DPE07LA4	27	6400	-	10.5	163	1.45
7.7	220	1.1	180.1	BF10Z-../DPE07LA4	27	6400	-	9.3	184	1.3
7.0	245	0.98	198.0	BF10Z-../DPE07LA4	27	6400	-	8.5	200	1.2
6.5	260	0.92	214.5	BF10Z-../DPE07LA4	27	6400	-	7.8	220	1.1
5.9	290	0.83	235.8	BF10Z-../DPE07LA4	27	6400	-	7.1	240	1.0
13	132	3.2	110.2	BF20-../DPE07LA4	32	7300	-	15.5	110	3.8
11.5	149	2.8	123.5	BF20-../DPE07LA4	32	7600	-	14	122	3.4
10.5	163	2.6	135.9	BF20-../DPE07LA4	32	7900	-	12.5	137	3.1
9.8	175	2.4	141.2	BF20Z-../DPE07LA4	34	7900	-	12	143	2.9
8.9	193	2.2	155.4	BF20Z-../DPE07LA4	34	7900	-	11	156	2.7
8.4	200	2.1	164.3	BF20Z-../DPE07LA4	34	7900	-	10.5	163	2.6
7.7	220	1.9	180.8	BF20Z-../DPE07LA4	34	7900	-	9.3	184	2.3
7.1	240	1.75	197.1	BF20Z-../DPE07LA4	34	7900	-	8.5	200	2.1
6.4	265	1.6	216.9	BF20Z-../DPE07LA4	34	7900	-	7.7	220	1.9
5.9	290	1.45	235.9	BF20Z-../DPE07LA4	34	7900	-	7.1	240	1.75
5.4	315	1.35	259.6	BF20Z-../DPE07LA4	34	7900	-	6.5	260	1.6
4.7	365	1.15	295.5	BF20Z-../DPE07LA4	34	7900	-	5.7	300	1.4
4.3	395	1.05	325.2	BF20Z-../DPE07LA4	34	7900	-	5.2	330	1.25
4.1	415	1.0	339.1	BF20Z-../DPE07LA4	34	7900	-	5.0	340	1.25

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



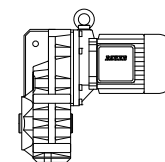
P = 0.18 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
3.7	460	0.91	373.1	BF20Z-../DPE07LA4	34	7900	-	4.5	380	1.1
3.4	500	0.84	418.1	BF20Z-../DPE07LA4	34	7900	-	4.0	425	0.99
9.2	186	3.1	150.7	BF30Z-../DPE07LA4	45	7400	-	11.5	149	3.9
8.4	200	2.9	165.8	BF30Z-../DPE07LA4	45	7400	-	10.5	163	3.5
7.9	215	2.7	176.6	BF30Z-../DPE07LA4	45	7400	-	9.5	180	3.2
7.2	235	2.4	194.3	BF30Z-../DPE07LA4	45	7400	-	8.6	199	2.9
6.2	275	2.1	224.8	BF30Z-../DPE07LA4	45	7400	-	7.5	225	2.6
5.6	305	1.9	247.3	BF30Z-../DPE07LA4	45	7400	-	6.8	250	2.3
5.3	320	1.8	263.5	BF30Z-../DPE07LA4	45	7400	-	6.4	265	2.2
4.8	355	1.6	289.8	BF30Z-../DPE07LA4	45	7400	-	5.8	295	1.95
4.5	380	1.5	310.7	BF30Z-../DPE07LA4	45	7400	-	5.4	315	1.85
4.1	415	1.4	341.8	BF30Z-../DPE07LA4	45	7400	-	4.9	350	1.65
3.7	460	1.25	375.1	BF30Z-../DPE07LA4	45	7400	-	4.5	380	1.5
3.4	500	1.15	412.6	BF30Z-../DPE07LA4	45	7400	-	4.1	415	1.4
3.0	570	1.0	463.3	BF30Z-../DPE07LA4	45	7400	-	3.7	460	1.25
2.8	610	0.94	509.6	BF30Z-../DPE07LA4	45	7400	-	3.3	520	1.1
2.6	660	0.87	537.0	BF30Z-../DPE07LA4	45	7400	-	3.2	530	1.1
2.4	710	0.81	590.7	BF30Z-../DPE07LA4	45	7400	-	2.9	590	0.97
2.3	680	0.93	622.4	BF30G06-../DPE07LA4	47	7400	-	2.7	570	1.1
6.3	270	3.3	222.4	BF40Z-../DPE07LA4	55	10600	-	7.6	225	4.0
5.5	310	2.9	253.2	BF40Z-../DPE07LA4	55	10600	-	6.6	260	3.5
5.0	340	2.6	278.5	BF40Z-../DPE07LA4	55	10600	-	6.0	285	3.2
4.7	365	2.5	295.1	BF40Z-../DPE07LA4	55	10600	-	5.7	300	3.0
4.3	395	2.3	324.7	BF40Z-../DPE07LA4	55	10600	-	5.2	330	2.7
4.0	425	2.1	346.8	BF40Z-../DPE07LA4	55	10600	-	4.9	350	2.6
3.7	460	1.95	381.5	BF40Z-../DPE07LA4	55	10600	-	4.4	390	2.3
3.4	500	1.8	417.3	BF40Z-../DPE07LA4	55	10600	-	4.1	415	2.2
3.1	550	1.65	459.1	BF40Z-../DPE07LA4	55	10600	-	3.7	460	1.95
2.7	630	1.45	514.6	BF40Z-../DPE07LA4	55	10600	-	3.3	520	1.75
2.5	680	1.3	566.1	BF40Z-../DPE07LA4	55	10600	-	3.0	570	1.6
2.4	520	1.9	597.3	BF40G10-../DPE07LA4	61	10600	-	2.8	425	2.4
1.9	690	1.45	731.6	BF40G10-../DPE07LA4	61	10600	-	2.3	540	1.85
1.5	920	1.1	928.9	BF40G10-../DPE07LA4	61	10600	-	1.8	730	1.35
1.3	1080	0.93	1106	BF40G10-../DPE07LA4	61	10600	-	1.6	830	1.2
4.4	390	3.3	316.6	BF50Z-../DPE07LA4	85	13600	-	5.3	320	4.1
3.9	440	3.0	354.0	BF50Z-../DPE07LA4	85	13600	-	4.8	355	3.7
3.6	475	2.7	392.8	BF50Z-../DPE07LA4	85	13600	-	4.3	395	3.3
3.2	530	2.5	439.3	BF50Z-../DPE07LA4	85	13600	-	3.9	440	3.0
2.8	610	2.1	496.4	BF50Z-../DPE07LA4	85	13600	-	3.4	500	2.6
2.5	680	1.9	555.2	BF50Z-../DPE07LA4	85	13600	-	3.1	550	2.4
2.1	620	2.3	680.9	BF50G10-../DPE07LA4	89	13600	-	2.5	495	2.8
1.6	860	1.65	864.5	BF50G10-../DPE07LA4	89	13600	-	2.0	650	2.2
1.4	1000	1.4	1029	BF50G10-../DPE07LA4	89	13600	-	1.7	780	1.8
1.2	1220	1.15	1203	BF50G10-../DPE07LA4	89	13600	-	1.4	1010	1.4
1.1	1320	1.05	1359	BF50G10-../DPE07LA4	89	13600	-	1.3	1080	1.3
1.5	870	2.9	937.6	BF60G20-../DPE07LA4	136	15300	43300	1.8	670	3.7
1.2	1120	2.2	1211	BF60G20-../DPE07LA4	136	15300	43300	1.4	920	2.7
0.95	1430	1.75	1494	BF60G20-../DPE07LA4	136	15300	43300	1.2	1050	2.4
0.85	1600	1.55	1658	BF60G20-../DPE07LA4	136	15300	43300	1.1	1140	2.2
0.75	1840	1.35	1955	BF60G20-../DPE07LA4	136	15300	43300	0.9	1460	1.7
0.65	2150	1.15	2172	BF60G20-../DPE07LA4	136	15300	43300	0.8	1680	1.5
0.75	1850	3.1	1912	BF70G20-../DPE07LA4	215	16100	47700	0.9	1470	3.9
0.6	2350	2.4	2448	BF70G20-../DPE07LA4	215	16100	47700	0.7	1970	2.9
0.49	3000	1.9	2849	BF70G20-../DPE07LA4	215	16100	47700	0.6	2350	2.4

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 0.18 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
0.41	3700	1.55	3417	BF70G20-../DPE07LA4	215	16100	47700	0.49	3000	1.9
0.34	4550	1.25	4090	BF70G20-../DPE07LA4	215	16100	47700	0.41	3700	1.55
0.31	5000	1.15	4542	BF70G20-../DPE07LA4	215	16100	47700	0.37	4150	1.35

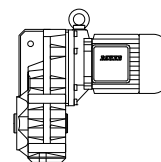
P = 0.25 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
250	9.5	6.5	5.72	BF06-../DPE08MA4	16	1600	-	300	7.9	7.8
186	12.8	5.3	7.66	BF06-../DPE08MA4	16	1800	-	225	10.6	6.4
155	15.4	4.5	9.21	BF06-../DPE08MA4	16	1900	-	186	12.8	5.5
118	20	3.8	12.07	BF06-../DPE08MA4	16	2000	-	142	16.8	4.5
100	23.5	3.6	14.21	BF06-../DPE08MA4	16	2100	-	121	19.7	4.3
84	28	3.4	16.99	BF06-../DPE08MA4	16	2500	-	101	23.5	4.0
70	34	2.8	20.42	BF06-../DPE08MA4	16	2700	-	84	28	3.4
54	44	2.2	26.76	BF06-../DPE08MA4	16	3000	-	64	37	2.6
45.5	52	1.85	31.50	BF06-../DPE08MA4	16	3200	-	55	43	2.2
38	62	1.55	37.69	BF06-../DPE08MA4	16	3500	-	45.5	52	1.85
31	77	1.25	46.14	BF06-../DPE08MA4	16	3800	-	37.5	63	1.5
24.5	97	0.98	58.33	BF06-../DPE08MA4	16	4000	-	29.5	80	1.2
21.5	111	0.86	66.82	BF06-../DPE08MA4	16	4000	-	26	91	1.05
33	72	3.3	43.06	BF10-../DPE08MA4	27	4100	-	40	59	4.1
30	79	3.0	47.35	BF10-../DPE08MA4	27	4250	-	36.5	65	3.7
28	85	2.8	51.28	BF10-../DPE08MA4	27	4400	-	33.5	71	3.4
25.5	93	2.6	56.39	BF10-../DPE08MA4	27	4550	-	30.5	78	3.1
23.5	101	2.4	61.55	BF10-../DPE08MA4	27	4700	-	28	85	2.8
21	113	2.1	67.69	BF10-../DPE08MA4	27	4900	-	25.5	93	2.6
18.5	129	1.85	77.55	BF10-../DPE08MA4	27	5100	-	22.5	106	2.3
17	140	1.7	85.27	BF10-../DPE08MA4	27	5300	-	20.5	116	2.1
16	149	1.6	90.91	BF10-../DPE08MA4	27	5400	-	19	125	1.9
14.5	164	1.45	99.97	BF10-../DPE08MA4	27	5600	-	17.5	136	1.75
13	183	1.3	112.3	BF10-../DPE08MA4	27	5900	-	15.5	154	1.55
11.5	205	1.15	123.5	BF10-../DPE08MA4	27	6100	-	14	170	1.4
9.4	250	0.96	151.2	BF10Z-../DPE08MA4	28	6400	-	11.5	205	1.15
8.6	275	0.87	166.2	BF10Z-../DPE08MA4	28	6400	-	10.5	225	1.05
7.9	300	0.8	180.1	BF10Z-../DPE08MA4	28	6400	-	9.5	250	0.96
16.5	144	2.9	87.31	BF20-../DPE08MA4	33	6600	-	20	119	3.5
14.5	164	2.6	100.2	BF20-../DPE08MA4	33	7000	-	17.5	136	3.1
13	183	2.3	110.2	BF20-../DPE08MA4	33	7300	-	16	149	2.8
11.5	205	2.0	123.5	BF20-../DPE08MA4	33	7600	-	14	170	2.5
10.5	225	1.85	135.9	BF20-../DPE08MA4	33	7900	-	13	183	2.3
9.2	255	1.65	155.4	BF20Z-../DPE08MA4	35	7900	-	11.5	205	2.0
8.7	270	1.55	164.3	BF20Z-../DPE08MA4	35	7900	-	10.5	225	1.85
7.9	300	1.4	180.8	BF20Z-../DPE08MA4	35	7900	-	9.5	250	1.7
7.3	325	1.3	197.1	BF20Z-../DPE08MA4	35	7900	-	8.7	270	1.55
6.6	360	1.15	216.9	BF20Z-../DPE08MA4	35	7900	-	7.9	300	1.4
6.1	390	1.1	235.9	BF20Z-../DPE08MA4	35	7900	-	7.3	325	1.3
5.5	430	0.98	259.6	BF20Z-../DPE08MA4	35	7900	-	6.6	360	1.15
4.9	485	0.87	295.5	BF20Z-../DPE08MA4	35	7900	-	5.8	410	1.0
13.5	176	3.3	107.6	BF30-../DPE08MA4	43	6700	-	16	149	3.9

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



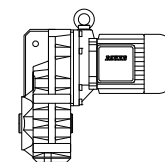
P = 0.25 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
12.5	191	3.0	118.3	BF30-../DPE08MA4	43	7000	-	14.5	164	3.5
11.5	205	2.8	124.7	BF30-../DPE08MA4	43	7100	-	14	170	3.4
10.5	225	2.6	137.1	BF30-../DPE08MA4	43	7400	-	12.5	191	3.0
9.5	250	2.3	150.7	BF30Z-../DPE08MA4	46	7400	-	11.5	205	2.8
8.6	275	2.1	165.8	BF30Z-../DPE08MA4	46	7400	-	10.5	225	2.6
8.1	290	2.0	176.6	BF30Z-../DPE08MA4	46	7400	-	9.7	245	2.3
7.4	320	1.8	194.3	BF30Z-../DPE08MA4	46	7400	-	8.9	265	2.2
6.4	370	1.55	224.8	BF30Z-../DPE08MA4	46	7400	-	7.7	310	1.85
5.8	410	1.4	247.3	BF30Z-../DPE08MA4	46	7400	-	7.0	340	1.7
5.4	440	1.3	263.5	BF30Z-../DPE08MA4	46	7400	-	6.5	365	1.6
4.9	485	1.2	289.8	BF30Z-../DPE08MA4	46	7400	-	6.0	395	1.45
4.6	510	1.15	310.7	BF30Z-../DPE08MA4	46	7400	-	5.6	425	1.35
4.2	560	1.05	341.8	BF30Z-../DPE08MA4	46	7400	-	5.1	465	1.25
3.8	620	0.93	375.1	BF30Z-../DPE08MA4	46	7400	-	4.6	510	1.15
3.5	680	0.85	412.6	BF30Z-../DPE08MA4	46	7400	-	4.2	560	1.05
8.3	285	3.2	171.2	BF40Z-../DPE08MA4	56	10600	-	10	235	3.8
7.6	310	2.9	188.3	BF40Z-../DPE08MA4	56	10600	-	9.1	260	3.5
7.1	335	2.7	202.2	BF40Z-../DPE08MA4	56	10600	-	8.5	280	3.2
6.4	370	2.4	222.4	BF40Z-../DPE08MA4	56	10600	-	7.7	310	2.9
5.7	415	2.2	253.2	BF40Z-../DPE08MA4	56	10600	-	6.8	350	2.6
5.1	465	1.95	278.5	BF40Z-../DPE08MA4	56	10600	-	6.2	385	2.3
4.9	485	1.85	295.1	BF40Z-../DPE08MA4	56	10600	-	5.8	410	2.2
4.4	540	1.65	324.7	BF40Z-../DPE08MA4	56	10600	-	5.3	450	2.0
4.1	580	1.55	346.8	BF40Z-../DPE08MA4	56	10600	-	5.0	475	1.9
3.8	620	1.45	381.5	BF40Z-../DPE08MA4	56	10600	-	4.5	530	1.7
3.5	680	1.3	417.3	BF40Z-../DPE08MA4	56	10600	-	4.1	580	1.55
3.1	770	1.15	459.1	BF40Z-../DPE08MA4	56	10600	-	3.8	620	1.45
2.8	850	1.05	514.6	BF40Z-../DPE08MA4	56	10600	-	3.4	700	1.3
2.6	910	0.99	566.1	BF40Z-../DPE08MA4	56	10600	-	3.1	770	1.15
2.4	800	1.25	597.3	BF40G10-../DPE08MA4	62	10600	-	2.9	630	1.6
2.0	980	1.0	731.6	BF40G10-../DPE08MA4	62	10600	-	2.4	780	1.3
5.8	410	3.2	247.5	BF50Z-../DPE08MA4	86	13600	-	7.0	340	3.8
5.2	455	2.9	276.8	BF50Z-../DPE08MA4	86	13600	-	6.2	385	3.4
4.5	530	2.5	316.6	BF50Z-../DPE08MA4	86	13600	-	5.5	430	3.0
4.1	580	2.2	354.0	BF50Z-../DPE08MA4	86	13600	-	4.9	485	2.7
3.7	640	2.0	392.8	BF50Z-../DPE08MA4	86	13600	-	4.4	540	2.4
3.3	720	1.8	439.3	BF50Z-../DPE08MA4	86	13600	-	3.9	610	2.1
2.9	820	1.6	496.4	BF50Z-../DPE08MA4	86	13600	-	3.5	680	1.9
2.6	910	1.45	555.2	BF50Z-../DPE08MA4	86	13600	-	3.1	770	1.7
2.1	940	1.5	680.9	BF50G10-../DPE08MA4	90	13600	-	2.6	720	1.95
1.7	1190	1.2	864.5	BF50G10-../DPE08MA4	90	13600	-	2.0	980	1.45
1.4	1480	0.95	1029	BF50G10-../DPE08MA4	90	13600	-	1.7	1180	1.2
3.4	700	3.3	421.6	BF60Z-../DPE08MA4	130	15300	43300	4.1	580	4.0
3.1	770	3.0	459.9	BF60Z-../DPE08MA4	130	15300	43300	3.8	620	3.7
2.8	850	2.7	510.3	BF60Z-../DPE08MA4	130	15300	43300	3.4	700	3.3
2.1	840	3.0	689.0	BF60G20-../DPE08MA4	137	15300	43300	2.5	660	3.8
1.8	1020	2.5	813.2	BF60G20-../DPE08MA4	137	15300	43300	2.2	770	3.2
1.6	1210	2.1	937.6	BF60G20-../DPE08MA4	137	15300	43300	1.9	980	2.6
1.2	1680	1.5	1211	BF60G20-../DPE08MA4	137	15300	43300	1.5	1280	1.95
1.0	2000	1.25	1494	BF60G20-../DPE08MA4	137	15300	43300	1.2	1610	1.55
0.9	2200	1.15	1658	BF60G20-../DPE08MA4	137	15300	43300	1.1	1750	1.45
1.1	1810	3.1	1390	BF70G20-../DPE08MA4	216	16100	47700	1.3	1480	3.9
0.9	2200	2.6	1621	BF70G20-../DPE08MA4	216	16100	47700	1.1	1760	3.2
0.75	2700	2.1	1912	BF70G20-../DPE08MA4	216	16100	47700	0.9	2200	2.6

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 0.25 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
0.6	3500	1.65	2448	BF70G20-../DPE08MA4	216	16100	47700	0.7	2900	1.95
0.5	4250	1.35	2849	BF70G20-../DPE08MA4	216	16100	47700	0.65	3150	1.8
0.42	5100	1.1	3417	BF70G20-../DPE08MA4	216	16100	47700	0.55	3850	1.5
0.42	3450	3.0	3461	BF80G40-../DPE08MA4	340	39600	75000	0.5	2550	4.1
0.37	4150	2.5	3843	BF80G40-../DPE08MA4	340	39600	75000	0.45	3000	3.5
0.33	4900	2.1	4411	BF80G40-../DPE08MA4	340	39600	75000	0.39	3800	2.8
0.3	5600	1.9	4895	BF80G40-../DPE08MA4	340	39600	75000	0.35	4500	2.3
0.24	7600	1.4	5926	BF80G40-../DPE08MA4	340	39600	75000	0.29	5900	1.8
0.21	9000	1.15	6999	BF80G40-../DPE08MA4	340	39600	75000	0.25	7200	1.45
0.25	7000	2.6	5888	BF90G50-../DPE08MA4	610	42800	120000	0.3	5400	3.4
0.22	8300	2.2	6529	BF90G50-../DPE08MA4	610	42800	120000	0.27	6300	2.9
0.19	10000	1.85	7533	BF90G50-../DPE08MA4	610	42800	120000	0.23	7800	2.4
0.18	10700	1.75	8350	BF90G50-../DPE08MA4	610	42800	120000	0.21	8800	2.1
0.16	12400	1.5	9348	BF90G50-../DPE08MA4	610	42800	120000	0.19	10000	1.85

7

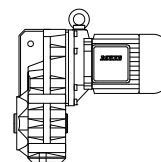
P = 0.37 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
250	14.1	4.4	5.72	BF06-../DPE08LA4	17	1600	-	300	11.7	5.3
186	18.9	3.6	7.66	BF06-../DPE08LA4	17	1800	-	225	15.7	4.3
155	22.5	3.1	9.21	BF06-../DPE08LA4	17	1900	-	186	18.9	3.7
118	29.5	2.5	12.07	BF06-../DPE08LA4	17	2000	-	142	24.5	3.1
100	35	2.4	14.21	BF06-../DPE08LA4	17	2100	-	121	29	2.9
84	42	2.3	16.99	BF06-../DPE08LA4	17	2500	-	101	34.5	2.8
70	50	1.9	20.42	BF06-../DPE08LA4	17	2700	-	84	42	2.3
54	65	1.45	26.76	BF06-../DPE08LA4	17	3000	-	64	55	1.75
45.5	77	1.25	31.50	BF06-../DPE08LA4	17	3200	-	55	64	1.5
38	92	1.05	37.69	BF06-../DPE08LA4	17	3500	-	45.5	77	1.25
31	113	0.84	46.14	BF06-../DPE08LA4	17	3800	-	37.5	94	1.0
45.5	77	3.1	31.31	BF10-../DPE08LA4	28	3600	-	55	64	3.8
39.5	89	2.7	36.15	BF10-../DPE08LA4	28	3800	-	47.5	74	3.2
36	98	2.4	39.75	BF10-../DPE08LA4	28	3950	-	43.5	81	3.0
33	107	2.2	43.06	BF10-../DPE08LA4	28	4100	-	40	88	2.7
30	117	2.1	47.35	BF10-../DPE08LA4	28	4250	-	36.5	96	2.5
28	126	1.9	51.28	BF10-../DPE08LA4	28	4400	-	33.5	105	2.3
25.5	138	1.75	56.39	BF10-../DPE08LA4	28	4550	-	30.5	115	2.1
23.5	150	1.6	61.55	BF10-../DPE08LA4	28	4700	-	28	126	1.9
21	168	1.45	67.69	BF10-../DPE08LA4	28	4900	-	25.5	138	1.75
18.5	191	1.25	77.55	BF10-../DPE08LA4	28	5100	-	22.5	157	1.55
17	205	1.15	85.27	BF10-../DPE08LA4	28	5300	-	20.5	172	1.4
16	220	1.1	90.91	BF10-../DPE08LA4	28	5400	-	19	185	1.3
14.5	240	1.0	99.97	BF10-../DPE08LA4	28	5600	-	17.5	200	1.2
13	270	0.89	112.3	BF10-../DPE08LA4	28	5900	-	15.5	225	1.05
27	130	3.2	53.43	BF20-../DPE08LA4	35	5500	-	32.5	108	3.9
24.5	144	2.9	58.24	BF20-../DPE08LA4	35	5600	-	29.5	119	3.5
22.5	157	2.7	64.08	BF20-../DPE08LA4	35	5900	-	27	130	3.2
20.5	172	2.4	69.70	BF20-../DPE08LA4	35	6100	-	25	141	3.0
19	185	2.3	76.69	BF20-../DPE08LA4	35	6300	-	22.5	157	2.7
16.5	210	2.0	87.31	BF20-../DPE08LA4	35	6600	-	20	176	2.4
14.5	240	1.75	100.2	BF20-../DPE08LA4	35	7000	-	17.5	200	2.1

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



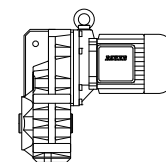
P = 0.37 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
13	270	1.55	110.2	BF20-../DPE08LA4	35	7300	-	16	220	1.9
11.5	305	1.4	123.5	BF20-../DPE08LA4	35	7600	-	14	250	1.7
10.5	335	1.25	135.9	BF20-../DPE08LA4	35	7900	-	13	270	1.55
9.2	380	1.1	155.4	BF20Z-../DPE08LA4	37	7900	-	11.5	305	1.4
8.7	405	1.05	164.3	BF20Z-../DPE08LA4	37	7900	-	10.5	335	1.25
7.9	445	0.94	180.8	BF20Z-../DPE08LA4	37	7900	-	9.5	370	1.15
7.3	480	0.88	197.1	BF20Z-../DPE08LA4	37	7900	-	8.7	405	1.05
20	176	3.3	72.13	BF30-../DPE08LA4	45	5700	-	24	147	3.9
18	196	2.9	79.34	BF30-../DPE08LA4	45	5900	-	22	160	3.6
16.5	210	2.7	87.08	BF30-../DPE08LA4	45	6200	-	20	176	3.3
15	235	2.4	95.79	BF30-../DPE08LA4	45	6400	-	18	196	2.9
13.5	260	2.2	107.6	BF30-../DPE08LA4	45	6700	-	16	220	2.6
12.5	280	2.1	118.3	BF30-../DPE08LA4	45	7000	-	14.5	240	2.4
11.5	305	1.9	124.7	BF30-../DPE08LA4	45	7100	-	14	250	2.3
10.5	335	1.7	137.1	BF30-../DPE08LA4	45	7400	-	12.5	280	2.1
9.5	370	1.55	150.7	BF30Z-../DPE08LA4	48	7400	-	11.5	305	1.9
8.6	410	1.4	165.8	BF30Z-../DPE08LA4	48	7400	-	10.5	335	1.7
8.1	435	1.3	176.6	BF30Z-../DPE08LA4	48	7400	-	9.7	360	1.6
7.4	475	1.2	194.3	BF30Z-../DPE08LA4	48	7400	-	8.9	395	1.45
6.4	550	1.05	224.8	BF30Z-../DPE08LA4	48	7400	-	7.7	455	1.25
5.8	600	0.96	247.3	BF30Z-../DPE08LA4	48	7400	-	7.0	500	1.15
5.4	650	0.88	263.5	BF30Z-../DPE08LA4	48	7400	-	6.5	540	1.05
4.9	720	0.8	289.8	BF30Z-../DPE08LA4	48	7400	-	6.0	580	0.99
13	270	3.3	111.1	BF40-../DPE08LA4	54	9800	-	15.5	225	4.0
11.5	305	3.0	124.5	BF40-../DPE08LA4	54	10200	-	14	250	3.6
10.5	335	2.7	137.0	BF40-../DPE08LA4	54	10600	-	12.5	280	3.2
9.2	380	2.4	155.6	BF40Z-../DPE08LA4	58	10600	-	11	320	2.8
8.3	425	2.1	171.2	BF40Z-../DPE08LA4	58	10600	-	10	350	2.6
7.6	460	1.95	188.3	BF40Z-../DPE08LA4	58	10600	-	9.1	385	2.3
7.1	495	1.8	202.2	BF40Z-../DPE08LA4	58	10600	-	8.5	415	2.2
6.4	550	1.65	222.4	BF40Z-../DPE08LA4	58	10600	-	7.7	455	2.0
5.7	610	1.5	253.2	BF40Z-../DPE08LA4	58	10600	-	6.8	510	1.75
5.1	690	1.3	278.5	BF40Z-../DPE08LA4	58	10600	-	6.2	560	1.6
4.9	720	1.25	295.1	BF40Z-../DPE08LA4	58	10600	-	5.8	600	1.5
4.4	800	1.15	324.7	BF40Z-../DPE08LA4	58	10600	-	5.3	660	1.35
4.1	860	1.05	346.8	BF40Z-../DPE08LA4	58	10600	-	5.0	700	1.3
3.8	920	0.98	381.5	BF40Z-../DPE08LA4	58	10600	-	4.5	780	1.15
3.5	1000	0.9	417.3	BF40Z-../DPE08LA4	58	10600	-	4.1	860	1.05
3.1	1130	0.8	459.1	BF40Z-../DPE08LA4	58	10600	-	3.8	920	0.98
7.8	450	2.9	183.5	BF50Z-../DPE08LA4	88	13600	-	9.4	375	3.5
7.0	500	2.6	205.2	BF50Z-../DPE08LA4	88	13600	-	8.4	420	3.1
5.8	600	2.2	247.5	BF50Z-../DPE08LA4	88	13600	-	7.0	500	2.6
5.2	670	1.95	276.8	BF50Z-../DPE08LA4	88	13600	-	6.2	560	2.3
4.5	780	1.65	316.6	BF50Z-../DPE08LA4	88	13600	-	5.5	640	2.0
4.1	860	1.5	354.0	BF50Z-../DPE08LA4	88	13600	-	4.9	720	1.8
3.7	950	1.35	392.8	BF50Z-../DPE08LA4	88	13600	-	4.4	800	1.65
3.3	1070	1.2	439.3	BF50Z-../DPE08LA4	88	13600	-	3.9	900	1.45
2.9	1210	1.05	496.4	BF50Z-../DPE08LA4	88	13600	-	3.5	1000	1.3
2.6	1350	0.96	555.2	BF50Z-../DPE08LA4	88	13600	-	3.1	1130	1.15
2.1	1490	0.94	680.9	BF50G10-../DPE08LA4	92	13600	-	2.6	1160	1.2
4.9	720	3.2	293.4	BF60Z-../DPE08LA4	131	15300	43300	5.9	590	3.9
4.4	800	2.9	325.6	BF60Z-../DPE08LA4	131	15300	43300	5.3	660	3.5
3.8	920	2.5	380.0	BF60Z-../DPE08LA4	131	15300	43300	4.5	780	2.9
3.4	1030	2.2	421.6	BF60Z-../DPE08LA4	131	15300	43300	4.1	860	2.7

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 0.37 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
3.1	1130	2.0	459.9	BF60Z-../DPE08LA4	131	15300	43300	3.8	920	2.5
2.8	1260	1.85	510.3	BF60Z-../DPE08LA4	131	15300	43300	3.4	1030	2.2
2.5	1170	2.1	569.3	BF60G20-../DPE08LA4	139	15300	43300	3.1	900	2.8
2.1	1390	1.8	689.0	BF60G20-../DPE08LA4	139	15300	43300	2.5	1120	2.2
1.8	1650	1.5	813.2	BF60G20-../DPE08LA4	139	15300	43300	2.2	1290	1.95
1.6	1930	1.3	937.6	BF60G20-../DPE08LA4	139	15300	43300	1.9	1580	1.6
1.2	2600	0.96	1211	BF60G20-../DPE08LA4	139	15300	43300	1.5	2000	1.25
1.7	1820	3.1	872.1	BF70G20-../DPE08LA4	217	16100	47700	2.0	1510	3.8
1.4	2200	2.6	1017	BF70G20-../DPE08LA4	217	16100	47700	1.7	1770	3.2
1.1	2850	2.0	1390	BF70G20-../DPE08LA4	217	16100	47700	1.3	2350	2.4
0.9	3500	1.65	1621	BF70G20-../DPE08LA4	217	16100	47700	1.1	2800	2.0
0.75	4250	1.35	1912	BF70G20-../DPE08LA4	217	16100	47700	0.9	3450	1.65
0.6	5400	1.05	2448	BF70G20-../DPE08LA4	217	16100	47700	0.7	4550	1.25
0.7	3450	3.0	2051	BF80G40-../DPE08LA4	341	39600	75000	0.85	2550	4.1
0.6	4300	2.4	2422	BF80G40-../DPE08LA4	341	39600	75000	0.75	3100	3.4
0.55	4400	2.4	2785	BF80G40-../DPE08LA4	341	39600	75000	0.65	3400	3.1
0.46	5500	1.9	3092	BF80G40-../DPE08LA4	341	39600	75000	0.6	3750	2.8
0.42	6200	1.7	3461	BF80G40-../DPE08LA4	341	39600	75000	0.5	4850	2.2
0.37	7200	1.45	3843	BF80G40-../DPE08LA4	341	39600	75000	0.45	5500	1.9
0.33	8400	1.25	4411	BF80G40-../DPE08LA4	341	39600	75000	0.39	6700	1.55
0.3	9400	1.1	4895	BF80G40-../DPE08LA4	341	39600	75000	0.35	7800	1.35
0.39	6500	2.8	3644	BF90G50-../DPE08LA4	612	42800	120000	0.47	5000	3.7
0.33	8200	2.3	4366	BF90G50-../DPE08LA4	612	42800	120000	0.4	6300	2.9
0.3	9200	2.0	4839	BF90G50-../DPE08LA4	612	42800	120000	0.36	7300	2.5
0.25	11600	1.6	5888	BF90G50-../DPE08LA4	612	42800	120000	0.3	9200	2.0
0.22	13500	1.35	6529	BF90G50-../DPE08LA4	612	42800	120000	0.27	10500	1.75
0.19	16000	1.15	7533	BF90G50-../DPE08LA4	612	42800	120000	0.23	12800	1.45
0.18	17100	1.1	8350	BF90G50-../DPE08LA4	612	42800	120000	0.21	14300	1.3

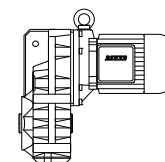
P = 0.55 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
250	21	3.0	5.72	BF06-../DPE08XA4	18	1600	-	300	17.5	3.5
186	28	2.4	7.66	BF06-../DPE08XA4	18	1800	-	225	23	3.0
155	33.5	2.1	9.21	BF06-../DPE08XA4	18	1900	-	186	28	2.5
118	44.5	1.7	12.07	BF06-../DPE08XA4	18	2000	-	142	36.5	2.1
100	52	1.65	14.21	BF06-../DPE08XA4	18	2100	-	121	43	2.0
84	62	1.55	16.99	BF06-../DPE08XA4	18	2500	-	101	52	1.85
70	75	1.25	20.42	BF06-../DPE08XA4	18	2700	-	84	62	1.55
54	97	0.98	26.76	BF06-../DPE08XA4	18	3000	-	64	82	1.15
45.5	115	0.83	31.50	BF06-../DPE08XA4	18	3200	-	55	95	1.0
95	55	3.3	15.04	BF10-../DPE08XA4	30	2800	-	114	46	4.0
71	73	3.3	20.05	BF10-../DPE08XA4	30	3000	-	86	61	3.9
61	86	2.8	23.28	BF10-../DPE08XA4	30	3200	-	74	70	3.4
56	93	2.6	25.60	BF10-../DPE08XA4	30	3350	-	67	78	3.1
50	105	2.3	28.47	BF10-../DPE08XA4	30	3450	-	61	86	2.8
45.5	115	2.1	31.31	BF10-../DPE08XA4	30	3600	-	55	95	2.5
39.5	132	1.8	36.15	BF10-../DPE08XA4	30	3800	-	47.5	110	2.2
36	145	1.65	39.75	BF10-../DPE08XA4	30	3950	-	43.5	120	2.0

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



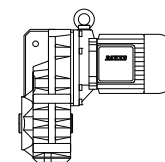
P = 0.55 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
33	159	1.5	43.06	BF10-../DPE08XA4	30	4100	-	40	131	1.85
30	175	1.35	47.35	BF10-../DPE08XA4	30	4250	-	36.5	143	1.7
28	187	1.3	51.28	BF10-../DPE08XA4	30	4400	-	33.5	156	1.55
25.5	205	1.15	56.39	BF10-../DPE08XA4	30	4550	-	30.5	172	1.4
23.5	220	1.1	61.55	BF10-../DPE08XA4	30	4700	-	28	187	1.3
21	250	0.96	67.69	BF10-../DPE08XA4	30	4900	-	25.5	205	1.15
18.5	280	0.86	77.55	BF10-../DPE08XA4	30	5100	-	22.5	230	1.05
40	131	3.2	35.85	BF20-../DPE08XA4	36	4650	-	48	109	3.9
34.5	152	2.8	41.72	BF20-../DPE08XA4	36	4950	-	41	128	3.3
31	169	2.5	45.90	BF20-../DPE08XA4	36	5100	-	37.5	140	3.0
29.5	178	2.4	48.56	BF20-../DPE08XA4	36	5200	-	35.5	147	2.9
27	194	2.2	53.43	BF20-../DPE08XA4	36	5500	-	32.5	161	2.6
24.5	210	2.0	58.24	BF20-../DPE08XA4	36	5600	-	29.5	178	2.4
22.5	230	1.85	64.08	BF20-../DPE08XA4	36	5900	-	27	194	2.2
20.5	255	1.65	69.70	BF20-../DPE08XA4	36	6100	-	25	210	2.0
19	275	1.55	76.69	BF20-../DPE08XA4	36	6300	-	22.5	230	1.85
16.5	315	1.35	87.31	BF20-../DPE08XA4	36	6600	-	20	260	1.6
14.5	360	1.15	100.2	BF20-../DPE08XA4	36	7000	-	17.5	300	1.4
13	400	1.05	110.2	BF20-../DPE08XA4	36	7300	-	16	325	1.3
11.5	455	0.92	123.5	BF20-../DPE08XA4	36	7600	-	14	375	1.1
10.5	500	0.84	135.9	BF20-../DPE08XA4	36	7900	-	13	400	1.05
27.5	191	3.0	52.20	BF30-../DPE08XA4	46	5000	-	33	159	3.6
25	210	2.7	57.41	BF30-../DPE08XA4	46	5200	-	30	175	3.3
23.5	220	2.6	61.17	BF30-../DPE08XA4	46	5300	-	28	187	3.1
21.5	240	2.4	67.28	BF30-../DPE08XA4	46	5500	-	25.5	205	2.8
20	260	2.2	72.13	BF30-../DPE08XA4	46	5700	-	24	215	2.7
18	290	2.0	79.34	BF30-../DPE08XA4	46	5900	-	22	235	2.4
16.5	315	1.85	87.08	BF30-../DPE08XA4	46	6200	-	20	260	2.2
15	350	1.65	95.79	BF30-../DPE08XA4	46	6400	-	18	290	2.0
13.5	385	1.5	107.6	BF30-../DPE08XA4	46	6700	-	16	325	1.75
12.5	420	1.35	118.3	BF30-../DPE08XA4	46	7000	-	14.5	360	1.6
11.5	455	1.25	124.7	BF30-../DPE08XA4	46	7100	-	14	375	1.55
10.5	500	1.15	137.1	BF30-../DPE08XA4	46	7400	-	12.5	420	1.35
9.5	550	1.05	150.7	BF30Z-../DPE08XA4	48	7400	-	11.5	455	1.25
8.6	610	0.94	165.8	BF30Z-../DPE08XA4	48	7400	-	10.5	500	1.15
8.1	640	0.9	176.6	BF30Z-../DPE08XA4	48	7400	-	9.7	540	1.05
7.4	700	0.82	194.3	BF30Z-../DPE08XA4	48	7400	-	8.9	590	0.97
18.5	280	3.2	78.55	BF40-../DPE08XA4	55	8500	-	22	235	3.8
17	305	3.0	83.91	BF40-../DPE08XA4	55	8700	-	20.5	255	3.5
15.5	335	2.7	92.31	BF40-../DPE08XA4	55	9100	-	19	275	3.3
14.5	360	2.5	101.0	BF40-../DPE08XA4	55	9400	-	17	305	3.0
13	400	2.3	111.1	BF40-../DPE08XA4	55	9800	-	15.5	335	2.7
11.5	455	2.0	124.5	BF40-../DPE08XA4	55	10200	-	14	375	2.4
10.5	500	1.8	137.0	BF40-../DPE08XA4	55	10600	-	12.5	420	2.1
9.2	570	1.6	155.6	BF40Z-../DPE08XA4	59	10600	-	11	475	1.9
8.3	630	1.45	171.2	BF40Z-../DPE08XA4	59	10600	-	10	520	1.75
7.6	690	1.3	188.3	BF40Z-../DPE08XA4	59	10600	-	9.1	570	1.6
7.1	730	1.25	202.2	BF40Z-../DPE08XA4	59	10600	-	8.5	610	1.5
6.4	820	1.1	222.4	BF40Z-../DPE08XA4	59	10600	-	7.7	680	1.3
5.7	920	0.98	253.2	BF40Z-../DPE08XA4	59	10600	-	6.8	770	1.15
5.1	1020	0.88	278.5	BF40Z-../DPE08XA4	59	10600	-	6.2	840	1.05
4.9	1070	0.84	295.1	BF40Z-../DPE08XA4	59	10600	-	5.8	900	1.0
12.5	420	3.1	114.0	BF50-../DPE08XA4	84	12900	-	15	350	3.7
11.5	455	2.9	127.5	BF50-../DPE08XA4	84	13600	-	13.5	385	3.4
10.5	500	2.6	138.1	BF50Z-../DPE08XA4	88	13600	-	12.5	420	3.1

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



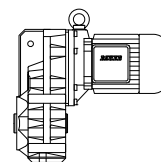
P = 0.55 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
9.2	570	2.3	154.5	BF50Z-../DPE08XA4	88	13600	-	11.5	455	2.9
7.8	670	1.95	183.5	BF50Z-../DPE08XA4	88	13600	-	9.4	550	2.4
7.0	750	1.75	205.2	BF50Z-../DPE08XA4	88	13600	-	8.4	620	2.1
5.8	900	1.45	247.5	BF50Z-../DPE08XA4	88	13600	-	7.0	750	1.75
5.2	1010	1.3	276.8	BF50Z-../DPE08XA4	88	13600	-	6.2	840	1.55
4.5	1160	1.1	316.6	BF50Z-../DPE08XA4	88	13600	-	5.5	950	1.35
4.1	1280	1.0	354.0	BF50Z-../DPE08XA4	88	13600	-	4.9	1070	1.2
3.7	1410	0.92	392.8	BF50Z-../DPE08XA4	88	13600	-	4.4	1190	1.1
3.3	1590	0.82	439.3	BF50Z-../DPE08XA4	88	13600	-	3.9	1340	0.97
7.6	690	3.3	187.7	BF60Z-../DPE08XA4	132	15300	43300	9.2	570	4.0
6.5	800	2.9	221.4	BF60Z-../DPE08XA4	132	15300	43300	7.8	670	3.4
5.8	900	2.6	245.6	BF60Z-../DPE08XA4	132	15300	43300	7.0	750	3.1
4.9	1070	2.1	293.4	BF60Z-../DPE08XA4	132	15300	43300	5.9	890	2.6
4.4	1190	1.95	325.6	BF60Z-../DPE08XA4	132	15300	43300	5.3	990	2.3
3.8	1380	1.65	380.0	BF60Z-../DPE08XA4	132	15300	43300	4.5	1160	2.0
3.4	1540	1.5	421.6	BF60Z-../DPE08XA4	132	15300	43300	4.1	1280	1.8
3.1	1690	1.35	459.9	BF60Z-../DPE08XA4	132	15300	43300	3.8	1380	1.65
2.8	1870	1.25	510.3	BF60Z-../DPE08XA4	132	15300	43300	3.4	1540	1.5
2.5	1860	1.35	569.3	BF60G20-../DPE08XA4	140	15300	43300	3.1	1450	1.7
2.1	2200	1.15	689.0	BF60G20-../DPE08XA4	140	15300	43300	2.5	1810	1.4
1.8	2600	0.96	813.2	BF60G20-../DPE08XA4	140	15300	43300	2.2	2050	1.2
1.6	3000	0.83	937.6	BF60G20-../DPE08XA4	140	15300	43300	1.9	2450	1.0
3.3	1590	3.3	439.2	BF70Z-../DPE08XA4	220	16100	47700	3.9	1340	3.9
2.8	1870	2.8	512.4	BF70Z-../DPE08XA4	220	16100	47700	3.4	1540	3.4
2.5	1850	3.1	577.5	BF70G20-../DPE08XA4	218	16100	47700	3.0	1500	3.8
2.2	2100	2.7	673.6	BF70G20-../DPE08XA4	218	16100	47700	2.6	1730	3.3
1.7	2800	2.0	872.1	BF70G20-../DPE08XA4	218	16100	47700	2.0	2350	2.4
1.4	3450	1.65	1017	BF70G20-../DPE08XA4	218	16100	47700	1.7	2750	2.1
1.1	4400	1.3	1390	BF70G20-../DPE08XA4	218	16100	47700	1.3	3650	1.55
0.9	5400	1.05	1621	BF70G20-../DPE08XA4	218	16100	47700	1.1	4350	1.3
1.5	3500	3.0	990.4	BF80Z-../DPE08XA4	337	39600	75000	1.8	2900	3.6
1.3	4000	2.6	1124	BF80Z-../DPE08XA4	337	39600	75000	1.6	3250	3.2
1.1	3300	3.2	1329	BF80G40-../DPE08XA4	342	39600	75000	1.3	2550	4.1
1.0	3850	2.7	1491	BF80G40-../DPE08XA4	342	39600	75000	1.2	2950	3.6
0.85	4550	2.3	1693	BF80G40-../DPE08XA4	342	39600	75000	1.1	3150	3.3
0.7	5900	1.8	2051	BF80G40-../DPE08XA4	342	39600	75000	0.85	4550	2.3
0.6	7100	1.5	2422	BF80G40-../DPE08XA4	342	39600	75000	0.75	5400	1.95
0.55	7500	1.4	2785	BF80G40-../DPE08XA4	342	39600	75000	0.65	6000	1.75
0.46	9300	1.15	3092	BF80G40-../DPE08XA4	342	39600	75000	0.6	6600	1.6
0.42	10200	1.05	3461	BF80G40-../DPE08XA4	342	39600	75000	0.5	8200	1.3
0.55	7100	2.6	2656	BF90G50-../DPE08XA4	613	42800	120000	0.65	5700	3.2
0.49	8400	2.2	2952	BF90G50-../DPE08XA4	613	42800	120000	0.6	6500	2.8
0.44	9400	1.95	3286	BF90G50-../DPE08XA4	613	42800	120000	0.55	7000	2.6
0.39	10900	1.7	3644	BF90G50-../DPE08XA4	613	42800	120000	0.47	8600	2.2
0.33	13400	1.4	4366	BF90G50-../DPE08XA4	613	42800	120000	0.4	10600	1.75
0.3	15000	1.25	4839	BF90G50-../DPE08XA4	613	42800	120000	0.36	12000	1.55

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



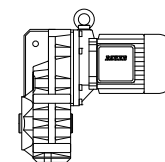
P = 0.75 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
250	28.5	2.2	5.72	BF06-../DPE08XB4	18	1600	-	300	23.5	2.6
186	38.5	1.75	7.66	BF06-../DPE08XB4	18	1800	-	225	31.5	2.2
155	46	1.5	9.21	BF06-../DPE08XB4	18	1900	-	186	38.5	1.8
118	60	1.25	12.07	BF06-../DPE08XB4	18	2000	-	142	50	1.5
100	71	1.2	14.21	BF06-../DPE08XB4	18	2100	-	121	59	1.45
84	85	1.1	16.99	BF06-../DPE08XB4	18	2500	-	101	70	1.35
70	102	0.93	20.42	BF06-../DPE08XB4	18	2700	-	84	85	1.1
120	59	3.1	11.84	BF10-../DPE08XB4	30	2500	-	145	49	3.7
95	75	2.4	15.04	BF10-../DPE08XB4	30	2800	-	114	62	3.0
78	91	2.6	18.23	BF10-../DPE08XB4	30	2900	-	94	76	3.2
71	100	2.4	20.05	BF10-../DPE08XB4	30	3000	-	86	83	2.9
61	117	2.1	23.28	BF10-../DPE08XB4	30	3200	-	74	96	2.5
56	127	1.9	25.60	BF10-../DPE08XB4	30	3350	-	67	106	2.3
50	143	1.7	28.47	BF10-../DPE08XB4	30	3450	-	61	117	2.1
45.5	157	1.55	31.31	BF10-../DPE08XB4	30	3600	-	55	130	1.85
39.5	181	1.35	36.15	BF10-../DPE08XB4	30	3800	-	47.5	150	1.6
36	198	1.2	39.75	BF10-../DPE08XB4	30	3950	-	43.5	164	1.45
33	215	1.1	43.06	BF10-../DPE08XB4	30	4100	-	40	179	1.35
30	235	1.0	47.35	BF10-../DPE08XB4	30	4250	-	36.5	196	1.2
28	255	0.94	51.28	BF10-../DPE08XB4	30	4400	-	33.5	210	1.15
25.5	280	0.86	56.39	BF10-../DPE08XB4	30	4550	-	30.5	230	1.05
23.5	300	0.8	61.55	BF10-../DPE08XB4	30	4700	-	28	255	0.94
59	121	3.3	24.25	BF20-../DPE08XB4	36	3950	-	71	100	4.0
52	137	3.1	27.62	BF20-../DPE08XB4	36	4150	-	62	115	3.7
47	152	2.8	30.40	BF20-../DPE08XB4	36	4400	-	57	125	3.4
44	162	2.6	32.58	BF20-../DPE08XB4	36	4450	-	53	135	3.1
40	179	2.3	35.85	BF20-../DPE08XB4	36	4650	-	48	149	2.8
34.5	205	2.0	41.72	BF20-../DPE08XB4	36	4950	-	41	174	2.4
31	230	1.85	45.90	BF20-../DPE08XB4	36	5100	-	37.5	191	2.2
29.5	240	1.75	48.56	BF20-../DPE08XB4	36	5200	-	35.5	200	2.1
27	265	1.6	53.43	BF20-../DPE08XB4	36	5500	-	32.5	220	1.9
24.5	290	1.45	58.24	BF20-../DPE08XB4	36	5600	-	29.5	240	1.75
22.5	315	1.35	64.08	BF20-../DPE08XB4	36	5900	-	27	265	1.6
20.5	345	1.2	69.70	BF20-../DPE08XB4	36	6100	-	25	285	1.45
19	375	1.1	76.69	BF20-../DPE08XB4	36	6300	-	22.5	315	1.35
16.5	430	0.98	87.31	BF20-../DPE08XB4	36	6600	-	20	355	1.2
14.5	490	0.86	100.2	BF20-../DPE08XB4	36	7000	-	17.5	405	1.05
41	174	3.3	35.00	BF30-../DPE08XB4	46	4200	-	49	146	3.9
37	193	3.0	38.49	BF30-../DPE08XB4	46	4400	-	44.5	160	3.6
35	200	2.9	41.01	BF30-../DPE08XB4	46	4500	-	42	170	3.4
31.5	225	2.6	45.10	BF30-../DPE08XB4	46	4700	-	38	188	3.1
27.5	260	2.2	52.20	BF30-../DPE08XB4	46	5000	-	33	215	2.7
25	285	2.0	57.41	BF30-../DPE08XB4	46	5200	-	30	235	2.4
23.5	300	1.9	61.17	BF30-../DPE08XB4	46	5300	-	28	255	2.3
21.5	330	1.75	67.28	BF30-../DPE08XB4	46	5500	-	25.5	280	2.1
20	355	1.6	72.13	BF30-../DPE08XB4	46	5700	-	24	295	1.95
18	395	1.45	79.34	BF30-../DPE08XB4	46	5900	-	22	325	1.75
16.5	430	1.35	87.08	BF30-../DPE08XB4	46	6200	-	20	355	1.6
15	475	1.2	95.79	BF30-../DPE08XB4	46	6400	-	18	395	1.45
13.5	530	1.1	107.6	BF30-../DPE08XB4	46	6700	-	16	445	1.3
12.5	570	1.0	118.3	BF30-../DPE08XB4	46	7000	-	14.5	490	1.15
11.5	620	0.93	124.7	BF30-../DPE08XB4	46	7100	-	14	510	1.15
10.5	680	0.85	137.1	BF30-../DPE08XB4	46	7400	-	12.5	570	1.0
26.5	270	3.3	53.82	BF40-../DPE08XB4	56	7200	-	32	220	4.1
23.5	300	3.0	61.25	BF40-../DPE08XB4	56	7600	-	28	255	3.5
21.5	330	2.7	67.38	BF40-../DPE08XB4	56	8000	-	25.5	280	3.2
20	355	2.5	71.40	BF40-../DPE08XB4	56	8100	-	24	295	3.1
18.5	385	2.3	78.55	BF40-../DPE08XB4	56	8500	-	22	325	2.8

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



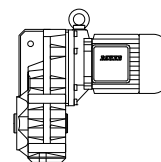
P = 0.75 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
17	420	2.1	83.91	BF40-../DPE08XB4	56	8700	-	20.5	345	2.6
15.5	460	1.95	92.31	BF40-../DPE08XB4	56	9100	-	19	375	2.4
14.5	490	1.85	101.0	BF40-../DPE08XB4	56	9400	-	17	420	2.1
13	550	1.65	111.1	BF40-../DPE08XB4	56	9800	-	15.5	460	1.95
11.5	620	1.45	124.5	BF40-../DPE08XB4	56	10200	-	14	510	1.75
10.5	680	1.3	137.0	BF40-../DPE08XB4	56	10600	-	12.5	570	1.6
9.2	770	1.15	155.6	BF40Z-../DPE08XB4	59	10600	-	11	650	1.4
8.3	860	1.05	171.2	BF40Z-../DPE08XB4	59	10600	-	10	710	1.25
7.6	940	0.96	188.3	BF40Z-../DPE08XB4	59	10600	-	9.1	780	1.15
7.1	1000	0.9	202.2	BF40Z-../DPE08XB4	59	10600	-	8.5	840	1.05
6.4	1110	0.81	222.4	BF40Z-../DPE08XB4	59	10600	-	7.7	930	0.97
17.5	405	3.2	81.33	BF50-../DPE08XB4	84	11300	-	21.5	330	3.9
16	445	2.9	90.24	BF50-../DPE08XB4	84	11800	-	19	375	3.5
14.5	490	2.7	100.9	BF50-../DPE08XB4	84	12300	-	17	420	3.1
12.5	570	2.3	114.0	BF50-../DPE08XB4	84	12900	-	15	475	2.7
11.5	620	2.1	127.5	BF50-../DPE08XB4	84	13600	-	13.5	530	2.5
10.5	680	1.9	138.1	BF50Z-../DPE08XB4	89	13600	-	12.5	570	2.3
9.2	770	1.7	154.5	BF50Z-../DPE08XB4	89	13600	-	11.5	620	2.1
7.8	910	1.45	183.5	BF50Z-../DPE08XB4	89	13600	-	9.4	760	1.7
7.0	1020	1.25	205.2	BF50Z-../DPE08XB4	89	13600	-	8.4	850	1.55
5.8	1230	1.05	247.5	BF50Z-../DPE08XB4	89	13600	-	7.0	1020	1.25
5.2	1370	0.95	276.8	BF50Z-../DPE08XB4	89	13600	-	6.2	1150	1.15
4.5	1590	0.82	316.6	BF50Z-../DPE08XB4	89	13600	-	5.5	1300	1.0
8.4	850	2.7	169.2	BF60Z-../DPE08XB4	133	15300	43300	10.5	680	3.4
7.6	940	2.4	187.7	BF60Z-../DPE08XB4	133	15300	43300	9.2	770	3.0
6.5	1100	2.1	221.4	BF60Z-../DPE08XB4	133	15300	43300	7.8	910	2.5
5.8	1230	1.85	245.6	BF60Z-../DPE08XB4	133	15300	43300	7.0	1020	2.3
4.9	1460	1.6	293.4	BF60Z-../DPE08XB4	133	15300	43300	5.9	1210	1.9
4.4	1620	1.4	325.6	BF60Z-../DPE08XB4	133	15300	43300	5.3	1350	1.7
3.8	1880	1.2	380.0	BF60Z-../DPE08XB4	133	15300	43300	4.5	1590	1.45
3.4	2100	1.1	421.6	BF60Z-../DPE08XB4	133	15300	43300	4.1	1740	1.3
3.1	2300	1.0	459.9	BF60Z-../DPE08XB4	133	15300	43300	3.8	1880	1.2
2.8	2550	0.9	510.3	BF60Z-../DPE08XB4	133	15300	43300	3.4	2100	1.1
2.5	2600	0.96	569.3	BF60G20-../DPE08XB4	140	15300	43300	3.1	2050	1.2
2.1	3100	0.81	689.0	BF60G20-../DPE08XB4	140	15300	43300	2.5	2550	0.98
4.2	1700	3.1	341.7	BF70Z-../DPE08XB4	221	16100	47700	5.1	1400	3.7
3.6	1980	2.6	398.7	BF70Z-../DPE08XB4	221	16100	47700	4.3	1660	3.1
3.3	2150	2.4	439.2	BF70Z-../DPE08XB4	221	16100	47700	3.9	1830	2.8
2.8	2550	2.0	512.4	BF70Z-../DPE08XB4	221	16100	47700	3.4	2100	2.5
2.5	2600	2.2	577.5	BF70G20-../DPE08XB4	219	16100	47700	3.0	2100	2.7
2.2	2950	1.95	673.6	BF70G20-../DPE08XB4	219	16100	47700	2.6	2450	2.3
1.7	3950	1.45	872.1	BF70G20-../DPE08XB4	219	16100	47700	2.0	3300	1.75
1.4	4800	1.2	1017	BF70G20-../DPE08XB4	219	16100	47700	1.7	3900	1.45
1.1	6100	0.93	1390	BF70G20-../DPE08XB4	219	16100	47700	1.3	5100	1.1
2.2	3250	3.2	662.1	BF80Z-../DPE08XB4	338	39600	75000	2.6	2750	3.8
1.9	3750	2.8	770.6	BF80Z-../DPE08XB4	338	39600	75000	2.3	3100	3.4
1.7	4200	2.5	874.6	BF80Z-../DPE08XB4	338	39600	75000	2.0	3550	3.0
1.5	4750	2.2	990.4	BF80Z-../DPE08XB4	338	39600	75000	1.8	3950	2.7
1.3	5500	1.9	1124	BF80Z-../DPE08XB4	338	39600	75000	1.6	4450	2.4
1.1	5000	2.1	1329	BF80G40-../DPE08XB4	343	39600	75000	1.3	4050	2.6
1.0	5700	1.85	1491	BF80G40-../DPE08XB4	343	39600	75000	1.2	4550	2.3
0.85	6800	1.55	1693	BF80G40-../DPE08XB4	343	39600	75000	1.1	4900	2.1
0.7	8600	1.2	2051	BF80G40-../DPE08XB4	343	39600	75000	0.85	6800	1.55

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 0.75 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
0.6	10300	1.0	2422	BF80G40-../DPE08XB4	343	39600	75000	0.75	7900	1.35
1.0	5700	3.2	1444	BF90G50-../DPE08XB4	614	42800	120000	1.2	4550	4.1
0.85	6800	2.7	1678	BF90G50-../DPE08XB4	614	42800	120000	1.1	4900	3.8
0.8	7100	2.6	1867	BF90G50-../DPE08XB4	614	42800	120000	0.95	5700	3.2
0.7	8100	2.3	2154	BF90G50-../DPE08XB4	614	42800	120000	0.8	6800	2.7
0.55	10600	1.75	2656	BF90G50-../DPE08XB4	614	42800	120000	0.65	8600	2.2
0.49	12300	1.5	2952	BF90G50-../DPE08XB4	614	42800	120000	0.6	9600	1.95
0.44	13700	1.35	3286	BF90G50-../DPE08XB4	614	42800	120000	0.55	10500	1.75
0.39	15800	1.15	3644	BF90G50-../DPE08XB4	614	42800	120000	0.47	12700	1.45

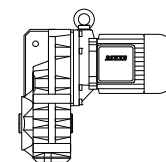
P = 1.1 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
260	40	3.5	5.60	BF10-../DPE09XA4	40	1950	-	315	33	4.2
190	55	2.8	7.58	BF10-../DPE09XA4	40	2200	-	230	45.5	3.4
149	70	2.5	9.69	BF10-../DPE09XA4	40	2350	-	180	58	3.1
122	86	2.1	11.84	BF10-../DPE09XA4	40	2500	-	147	71	2.6
96	109	1.7	15.04	BF10-../DPE09XA4	40	2800	-	116	90	2.0
79	132	1.8	18.23	BF10-../DPE09XA4	40	2900	-	96	109	2.2
72	145	1.65	20.05	BF10-../DPE09XA4	40	3000	-	87	120	2.0
62	169	1.4	23.28	BF10-../DPE09XA4	40	3200	-	75	140	1.7
57	184	1.3	25.60	BF10-../DPE09XA4	40	3350	-	68	154	1.55
51	205	1.15	28.47	BF10-../DPE09XA4	40	3450	-	62	169	1.4
46	225	1.05	31.31	BF10-../DPE09XA4	40	3600	-	56	187	1.3
40	260	0.92	36.15	BF10-../DPE09XA4	40	3800	-	48.5	215	1.1
36.5	285	0.84	39.75	BF10-../DPE09XA4	40	3950	-	44	235	1.0
110	95	3.0	13.18	BF20-../DPE09XA4	46	3300	-	133	78	3.7
93	112	2.8	15.54	BF20-../DPE09XA4	46	3450	-	112	93	3.3
86	122	3.0	16.77	BF20-../DPE09XA4	46	3500	-	104	101	3.6
79	132	2.8	18.45	BF20-../DPE09XA4	46	3600	-	95	110	3.4
66	159	2.5	22.04	BF20-../DPE09XA4	46	3800	-	79	132	3.0
60	175	2.3	24.25	BF20-../DPE09XA4	46	3950	-	72	145	2.8
53	198	2.1	27.62	BF20-../DPE09XA4	46	4150	-	63	166	2.5
47.5	220	1.9	30.40	BF20-../DPE09XA4	46	4400	-	58	181	2.3
44.5	235	1.8	32.58	BF20-../DPE09XA4	46	4450	-	54	194	2.2
40.5	255	1.65	35.85	BF20-../DPE09XA4	46	4650	-	49	210	2.0
35	300	1.4	41.72	BF20-../DPE09XA4	46	4950	-	42	250	1.7
31.5	330	1.25	45.90	BF20-../DPE09XA4	46	5100	-	38	275	1.55
30	350	1.2	48.56	BF20-../DPE09XA4	46	5200	-	36	290	1.45
27	385	1.1	53.43	BF20-../DPE09XA4	46	5500	-	33	315	1.35
25	420	1.0	58.24	BF20-../DPE09XA4	46	5600	-	30	350	1.2
22.5	465	0.9	64.08	BF20-../DPE09XA4	46	5900	-	27.5	380	1.1
21	500	0.84	69.70	BF20-../DPE09XA4	46	6100	-	25	420	1.0
66	159	3.3	21.85	BF30-../DPE09XA4	57	3500	-	80	131	4.0
60	175	3.2	24.03	BF30-../DPE09XA4	57	3600	-	73	143	3.9
52	200	2.9	28.23	BF30-../DPE09XA4	57	3800	-	62	169	3.4
46.5	225	2.6	31.05	BF30-../DPE09XA4	57	4000	-	57	184	3.1
41.5	250	2.3	35.00	BF30-../DPE09XA4	57	4200	-	50	210	2.7
37.5	280	2.1	38.49	BF30-../DPE09XA4	57	4400	-	45.5	230	2.5
35.5	295	1.95	41.01	BF30-../DPE09XA4	57	4500	-	42.5	245	2.3
32	325	1.75	45.10	BF30-../DPE09XA4	57	4700	-	39	265	2.2

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



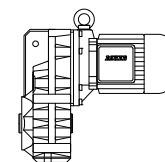
P = 1.1 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
28	375	1.55	52.20	BF30-../DPE09XA4	57	5000	-	33.5	310	1.85
25.5	410	1.4	57.41	BF30-../DPE09XA4	57	5200	-	30.5	340	1.7
24	435	1.3	61.17	BF30-../DPE09XA4	57	5300	-	28.5	365	1.6
21.5	485	1.2	67.28	BF30-../DPE09XA4	57	5500	-	26	400	1.45
20	520	1.1	72.13	BF30-../DPE09XA4	57	5700	-	24.5	425	1.35
18.5	560	1.05	79.34	BF30-../DPE09XA4	57	5900	-	22	475	1.2
17	610	0.94	87.08	BF30-../DPE09XA4	57	6200	-	20	520	1.1
15.5	670	0.86	95.79	BF30-../DPE09XA4	57	6400	-	18.5	560	1.05
38.5	270	3.3	37.64	BF40-../DPE09XA4	66	6200	-	46.5	225	4.0
35	300	3.0	41.42	BF40-../DPE09XA4	66	6500	-	42.5	245	3.7
32	325	2.8	45.56	BF40-../DPE09XA4	66	6800	-	38.5	270	3.3
29.5	355	2.5	48.92	BF40-../DPE09XA4	66	7000	-	36	290	3.1
27	385	2.3	53.82	BF40-../DPE09XA4	66	7200	-	32.5	320	2.8
24	435	2.1	61.25	BF40-../DPE09XA4	66	7600	-	28.5	365	2.5
21.5	485	1.85	67.38	BF40-../DPE09XA4	66	8000	-	26	400	2.3
20.5	510	1.75	71.40	BF40-../DPE09XA4	66	8100	-	24.5	425	2.1
18.5	560	1.6	78.55	BF40-../DPE09XA4	66	8500	-	22.5	465	1.95
17.5	600	1.5	83.91	BF40-../DPE09XA4	66	8700	-	21	500	1.8
16	650	1.4	92.31	BF40-../DPE09XA4	66	9100	-	19	550	1.65
14.5	720	1.25	101.0	BF40-../DPE09XA4	66	9400	-	17.5	600	1.5
13	800	1.15	111.1	BF40-../DPE09XA4	66	9800	-	16	650	1.4
12	870	1.05	124.5	BF40-../DPE09XA4	66	10200	-	14	750	1.2
11	950	0.95	137.0	BF40-../DPE09XA4	66	10600	-	13	800	1.15
10.5	1000	0.9	141.4	BF40Z-../DPE09XA4	70	10600	-	12.5	840	1.05
9.3	1120	0.8	155.6	BF40Z-../DPE09XA4	70	10600	-	11.5	910	0.99
25.5	410	3.2	56.86	BF50-../DPE09XA4	94	9300	-	31	335	3.9
23	455	2.9	63.59	BF50-../DPE09XA4	94	9800	-	27.5	380	3.4
20	520	2.5	72.72	BF50-../DPE09XA4	94	10700	-	24	435	3.0
18	580	2.2	81.33	BF50-../DPE09XA4	94	11300	-	21.5	485	2.7
16	650	2.0	90.24	BF50-../DPE09XA4	94	11800	-	19.5	530	2.5
14.5	720	1.8	100.9	BF50-../DPE09XA4	94	12300	-	17.5	600	2.2
13	800	1.65	114.0	BF50-../DPE09XA4	94	12900	-	15.5	670	1.95
11.5	910	1.45	127.5	BF50-../DPE09XA4	94	13600	-	14	750	1.75
10.5	1000	1.3	138.1	BF50Z-../DPE09XA4	99	13600	-	13	800	1.65
9.4	1110	1.15	154.5	BF50Z-../DPE09XA4	99	13600	-	11.5	910	1.45
7.9	1320	0.98	183.5	BF50Z-../DPE09XA4	99	13600	-	9.5	1100	1.2
7.1	1470	0.88	205.2	BF50Z-../DPE09XA4	99	13600	-	8.5	1230	1.05
14	750	3.1	103.7	BF60-../DPE09XA4	124	14100	39900	17	610	3.8
13	800	2.9	113.1	BF60-../DPE09XA4	124	14600	41300	15.5	670	3.4
11.5	910	2.5	125.5	BF60-../DPE09XA4	124	15300	43300	14	750	3.1
10.5	1000	2.3	140.8	BF60Z-../DPE09XA4	143	15300	43300	12.5	840	2.7
8.6	1220	1.9	169.2	BF60Z-../DPE09XA4	143	15300	43300	10.5	1000	2.3
7.7	1360	1.7	187.7	BF60Z-../DPE09XA4	143	15300	43300	9.3	1120	2.1
6.6	1590	1.45	221.4	BF60Z-../DPE09XA4	143	15300	43300	7.9	1320	1.75
5.9	1780	1.3	245.6	BF60Z-../DPE09XA4	143	15300	43300	7.1	1470	1.55
5.0	2100	1.1	293.4	BF60Z-../DPE09XA4	143	15300	43300	6.0	1750	1.3
4.5	2300	1.0	325.6	BF60Z-../DPE09XA4	143	15300	43300	5.4	1940	1.2
3.8	2750	0.84	380.0	BF60Z-../DPE09XA4	143	15300	43300	4.6	2250	1.0
6.2	1690	3.1	233.0	BF70Z-../DPE09XA4	231	16100	47700	7.5	1400	3.7
5.6	1870	2.8	258.7	BF70Z-../DPE09XA4	231	16100	47700	6.8	1540	3.4
4.8	2150	2.4	301.8	BF70Z-../DPE09XA4	231	16100	47700	5.8	1810	2.9
4.3	2400	2.2	341.7	BF70Z-../DPE09XA4	231	16100	47700	5.1	2050	2.5
3.7	2800	1.85	398.7	BF70Z-../DPE09XA4	231	16100	47700	4.4	2350	2.2
3.3	3150	1.65	439.2	BF70Z-../DPE09XA4	231	16100	47700	4.0	2600	2.0
2.9	3600	1.45	512.4	BF70Z-../DPE09XA4	231	16100	47700	3.4	3050	1.7

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 1.1 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
2.8	3500	1.65	524.1	BF70G20-../DPE09XA4	229	16100	47700	3.4	2850	2.0
2.5	3950	1.45	577.5	BF70G20-../DPE09XA4	229	16100	47700	3.1	3100	1.85
2.2	4450	1.3	673.6	BF70G20-../DPE09XA4	229	16100	47700	2.6	3750	1.5
1.7	5900	0.97	872.1	BF70G20-../DPE09XA4	229	16100	47700	2.0	4950	1.15
1.5	6700	0.85	1017	BF70G20-../DPE09XA4	229	16100	47700	1.8	5500	1.05
3.2	3250	3.2	450.4	BF80Z-../DPE09XA4	348	39600	75000	3.9	2650	4.0
2.9	3600	2.9	511.2	BF80Z-../DPE09XA4	348	39600	75000	3.5	3000	3.5
2.5	4200	2.5	583.4	BF80Z-../DPE09XA4	348	39600	75000	3.0	3500	3.0
2.2	4750	2.2	662.1	BF80Z-../DPE09XA4	348	39600	75000	2.7	3850	2.7
1.9	5500	1.9	770.6	BF80Z-../DPE09XA4	348	39600	75000	2.3	4550	2.3
1.7	6100	1.7	874.6	BF80Z-../DPE09XA4	348	39600	75000	2.0	5200	2.0
1.5	7000	1.5	990.4	BF80Z-../DPE09XA4	348	39600	75000	1.8	5800	1.8
1.3	8000	1.3	1124	BF80Z-../DPE09XA4	348	39600	75000	1.6	6500	1.6
1.1	8100	1.3	1329	BF80G40-../DPE09XA4	353	39600	75000	1.4	6000	1.75
1.0	9100	1.15	1491	BF80G40-../DPE09XA4	353	39600	75000	1.2	7300	1.45
0.9	10000	1.05	1693	BF80G40-../DPE09XA4	353	39600	75000	1.1	7900	1.35
1.8	5800	3.2	845.1	BF90Z-../DPE09XA4	612	42800	120000	2.1	5000	3.7
1.4	6100	3.0	1043	BF90G50-../DPE09XA4	624	42800	120000	1.7	4750	3.9
1.2	7100	2.6	1204	BF90G50-../DPE09XA4	624	42800	120000	1.5	5300	3.5
1.0	9100	2.0	1444	BF90G50-../DPE09XA4	624	42800	120000	1.3	6700	2.8
0.9	10000	1.85	1678	BF90G50-../DPE09XA4	624	42800	120000	1.1	7900	2.3
0.8	11300	1.65	1867	BF90G50-../DPE09XA4	624	42800	120000	0.95	9200	2.0
0.7	12900	1.45	2154	BF90G50-../DPE09XA4	624	42800	120000	0.85	10300	1.8
0.55	16700	1.1	2656	BF90G50-../DPE09XA4	624	42800	120000	0.7	12600	1.45

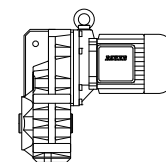
P = 1.5 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
260	55	2.5	5.60	BF10-../DPE09XB4	40	1950	-	315	45	3.1
190	75	2.0	7.58	BF10-../DPE09XB4	40	2200	-	230	62	2.5
149	96	1.85	9.69	BF10-../DPE09XB4	40	2350	-	180	79	2.2
122	117	1.55	11.84	BF10-../DPE09XB4	40	2500	-	147	97	1.9
96	149	1.25	15.04	BF10-../DPE09XB4	40	2800	-	116	123	1.5
79	181	1.35	18.23	BF10-../DPE09XB4	40	2900	-	96	149	1.6
72	198	1.2	20.05	BF10-../DPE09XB4	40	3000	-	87	164	1.45
62	230	1.05	23.28	BF10-../DPE09XB4	40	3200	-	75	191	1.25
57	250	0.96	25.60	BF10-../DPE09XB4	40	3350	-	68	210	1.15
51	280	0.86	28.47	BF10-../DPE09XB4	40	3450	-	62	230	1.05
180	79	2.8	8.00	BF20-../DPE09XB4	46	2850	-	220	65	3.4
138	103	2.5	10.51	BF20-../DPE09XB4	46	3100	-	166	86	3.0
110	130	2.2	13.18	BF20-../DPE09XB4	46	3300	-	133	107	2.7
93	154	2.0	15.54	BF20-../DPE09XB4	46	3450	-	112	127	2.4
86	166	2.2	16.77	BF20-../DPE09XB4	46	3500	-	104	137	2.6
79	181	2.0	18.45	BF20-../DPE09XB4	46	3600	-	95	150	2.5
66	215	1.85	22.04	BF20-../DPE09XB4	46	3800	-	79	181	2.2
60	235	1.7	24.25	BF20-../DPE09XB4	46	3950	-	72	198	2.0
53	270	1.55	27.62	BF20-../DPE09XB4	46	4150	-	63	225	1.85
47.5	300	1.4	30.40	BF20-../DPE09XB4	46	4400	-	58	245	1.7

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



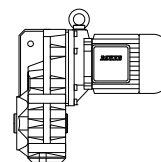
P = 1.5 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
44.5	320	1.3	32.58	BF20-../DPE09XB4	46	4450	-	54	265	1.6
40.5	350	1.2	35.85	BF20-../DPE09XB4	46	4650	-	49	290	1.45
35	405	1.05	41.72	BF20-../DPE09XB4	46	4950	-	42	340	1.25
31.5	450	0.93	45.90	BF20-../DPE09XB4	46	5100	-	38	375	1.1
30	475	0.88	48.56	BF20-../DPE09XB4	46	5200	-	36	395	1.05
145	98	3.3	9.99	BF30-../DPE09XB4	57	2850	-	175	81	4.0
112	127	2.9	12.91	BF30-../DPE09XB4	57	3050	-	135	106	3.5
90	159	2.6	16.00	BF30-../DPE09XB4	57	3250	-	109	131	3.1
82	174	2.8	17.65	BF30-../DPE09XB4	57	3300	-	99	144	3.3
75	191	2.6	19.41	BF30-../DPE09XB4	57	3400	-	90	159	3.2
66	215	2.5	21.85	BF30-../DPE09XB4	57	3500	-	80	179	3.0
60	235	2.4	24.03	BF30-../DPE09XB4	57	3600	-	73	196	2.8
52	275	2.1	28.23	BF30-../DPE09XB4	57	3800	-	62	230	2.5
46.5	305	1.9	31.05	BF30-../DPE09XB4	57	4000	-	57	250	2.3
41.5	345	1.65	35.00	BF30-../DPE09XB4	57	4200	-	50	285	2.0
37.5	380	1.5	38.49	BF30-../DPE09XB4	57	4400	-	45.5	310	1.85
35.5	400	1.45	41.01	BF30-../DPE09XB4	57	4500	-	42.5	335	1.7
32	445	1.3	45.10	BF30-../DPE09XB4	57	4700	-	39	365	1.6
28	510	1.15	52.20	BF30-../DPE09XB4	57	5000	-	33.5	425	1.35
25.5	560	1.05	57.41	BF30-../DPE09XB4	57	5200	-	30.5	465	1.25
24	590	0.97	61.17	BF30-../DPE09XB4	57	5300	-	28.5	500	1.15
21.5	660	0.87	67.28	BF30-../DPE09XB4	57	5500	-	26	550	1.05
20	710	0.81	72.13	BF30-../DPE09XB4	57	5700	-	24.5	580	0.99
67	210	3.3	21.60	BF40-../DPE09XB4	66	5200	-	81	176	4.0
61	230	3.2	23.77	BF40-../DPE09XB4	66	5400	-	74	193	3.8
54	265	2.9	26.86	BF40-../DPE09XB4	66	5600	-	65	220	3.5
49	290	2.8	29.55	BF40-../DPE09XB4	66	5800	-	59	240	3.4
42.5	335	2.6	34.21	BF40-../DPE09XB4	66	6000	-	51	280	3.1
38.5	370	2.4	37.64	BF40-../DPE09XB4	66	6200	-	46.5	305	2.9
35	405	2.2	41.42	BF40-../DPE09XB4	66	6500	-	42.5	335	2.7
32	445	2.0	45.56	BF40-../DPE09XB4	66	6800	-	38.5	370	2.4
29.5	485	1.85	48.92	BF40-../DPE09XB4	66	7000	-	36	395	2.3
27	530	1.7	53.82	BF40-../DPE09XB4	66	7200	-	32.5	440	2.0
24	590	1.55	61.25	BF40-../DPE09XB4	66	7600	-	28.5	500	1.8
21.5	660	1.35	67.38	BF40-../DPE09XB4	66	8000	-	26	550	1.65
20.5	690	1.3	71.40	BF40-../DPE09XB4	66	8100	-	24.5	580	1.55
18.5	770	1.15	78.55	BF40-../DPE09XB4	66	8500	-	22.5	630	1.45
17.5	810	1.1	83.91	BF40-../DPE09XB4	66	8700	-	21	680	1.3
16	890	1.0	92.31	BF40-../DPE09XB4	66	9100	-	19	750	1.2
14.5	980	0.92	101.0	BF40-../DPE09XB4	66	9400	-	17.5	810	1.1
13	1100	0.82	111.1	BF40-../DPE09XB4	66	9800	-	16	890	1.0
34.5	415	3.1	42.15	BF50-../DPE09XB4	94	8500	-	41.5	345	3.8
31	460	2.8	47.14	BF50-../DPE09XB4	94	8900	-	37	385	3.4
25.5	560	2.3	56.86	BF50-../DPE09XB4	94	9300	-	31	460	2.8
23	620	2.1	63.59	BF50-../DPE09XB4	94	9800	-	27.5	520	2.5
20	710	1.85	72.72	BF50-../DPE09XB4	94	10700	-	24	590	2.2
18	790	1.65	81.33	BF50-../DPE09XB4	94	11300	-	21.5	660	1.95
16	890	1.45	90.24	BF50-../DPE09XB4	94	11800	-	19.5	730	1.8
14.5	980	1.35	100.9	BF50-../DPE09XB4	94	12300	-	17.5	810	1.6
13	1100	1.2	114.0	BF50-../DPE09XB4	94	12900	-	15.5	920	1.4
11.5	1240	1.05	127.5	BF50-../DPE09XB4	94	13600	-	14	1020	1.25
10.5	1360	0.96	138.1	BF50Z-../DPE09XB4	99	13600	-	13	1100	1.2
9.4	1520	0.86	154.5	BF50Z-../DPE09XB4	99	13600	-	11.5	1240	1.05
20	710	3.2	72.15	BF60-../DPE09XB4	124	12000	34000	24.5	580	4.0
18	790	2.9	80.05	BF60-../DPE09XB4	124	12600	35600	22	650	3.5
15.5	920	2.5	93.44	BF60-../DPE09XB4	124	13500	38200	19	750	3.1
14	1020	2.3	103.7	BF60-../DPE09XB4	124	14100	39900	17	840	2.7

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



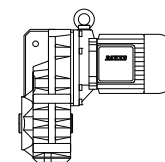
P = 1.5 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
13	1100	2.1	113.1	BF60-../DPE09XB4	124	14600	41300	15.5	920	2.5
11.5	1240	1.85	125.5	BF60-../DPE09XB4	124	15300	43300	14	1020	2.3
10.5	1360	1.7	140.8	BF60Z-../DPE09XB4	143	15300	43300	12.5	1140	2.0
8.6	1660	1.4	169.2	BF60Z-../DPE09XB4	143	15300	43300	10.5	1360	1.7
7.7	1860	1.25	187.7	BF60Z-../DPE09XB4	143	15300	43300	9.3	1540	1.5
6.6	2150	1.05	221.4	BF60Z-../DPE09XB4	143	15300	43300	7.9	1810	1.25
5.9	2400	0.96	245.6	BF60Z-../DPE09XB4	143	15300	43300	7.1	2000	1.15
5.0	2850	0.81	293.4	BF60Z-../DPE09XB4	143	15300	43300	6.0	2350	0.98
8.1	1760	3.0	179.7	BF70Z-../DPE09XB4	231	16100	47700	9.7	1470	3.5
7.3	1960	2.7	199.7	BF70Z-../DPE09XB4	231	16100	47700	8.8	1620	3.2
6.2	2300	2.3	233.0	BF70Z-../DPE09XB4	231	16100	47700	7.5	1910	2.7
5.6	2550	2.0	258.7	BF70Z-../DPE09XB4	231	16100	47700	6.8	2100	2.5
4.8	2950	1.75	301.8	BF70Z-../DPE09XB4	231	16100	47700	5.8	2450	2.1
4.3	3300	1.6	341.7	BF70Z-../DPE09XB4	231	16100	47700	5.1	2800	1.85
3.7	3850	1.35	398.7	BF70Z-../DPE09XB4	231	16100	47700	4.4	3250	1.6
3.3	4300	1.2	439.2	BF70Z-../DPE09XB4	231	16100	47700	4.0	3550	1.45
2.9	4900	1.05	512.4	BF70Z-../DPE09XB4	231	16100	47700	3.4	4200	1.25
2.8	4850	1.2	524.1	BF70G20-../DPE09XB4	229	16100	47700	3.4	3950	1.45
2.5	5400	1.05	577.5	BF70G20-../DPE09XB4	229	16100	47700	3.1	4350	1.3
2.2	6200	0.92	673.6	BF70G20-../DPE09XB4	229	16100	47700	2.6	5200	1.1
4.2	3400	3.1	347.3	BF80Z-../DPE09XB4	348	39600	75000	5.1	2800	3.8
3.7	3850	2.7	394.2	BF80Z-../DPE09XB4	348	39600	75000	4.5	3150	3.3
3.2	4450	2.4	450.4	BF80Z-../DPE09XB4	348	39600	75000	3.9	3650	2.9
2.9	4900	2.1	511.2	BF80Z-../DPE09XB4	348	39600	75000	3.5	4050	2.6
2.5	5700	1.85	583.4	BF80Z-../DPE09XB4	348	39600	75000	3.0	4750	2.2
2.2	6500	1.6	662.1	BF80Z-../DPE09XB4	348	39600	75000	2.7	5300	2.0
1.9	7500	1.4	770.6	BF80Z-../DPE09XB4	348	39600	75000	2.3	6200	1.7
1.7	8400	1.25	874.6	BF80Z-../DPE09XB4	348	39600	75000	2.0	7100	1.5
1.5	9500	1.1	990.4	BF80Z-../DPE09XB4	348	39600	75000	1.8	7900	1.35
1.3	11000	0.95	1124	BF80Z-../DPE09XB4	348	39600	75000	1.6	8900	1.2
1.1	11500	0.91	1329	BF80G40-../DPE09XB4	353	39600	75000	1.4	8700	1.2
1.0	12900	0.81	1491	BF80G40-../DPE09XB4	353	39600	75000	1.2	10500	1.0
2.5	5700	3.2	591.1	BF90Z-../DPE09XB4	612	42800	120000	3.0	4750	3.9
2.2	6500	2.8	658.1	BF90Z-../DPE09XB4	612	42800	120000	2.7	5300	3.5
1.9	7500	2.5	759.0	BF90Z-../DPE09XB4	612	42800	120000	2.3	6200	3.0
1.8	7900	2.3	845.1	BF90Z-../DPE09XB4	612	42800	120000	2.1	6800	2.7
1.5	7900	2.3	976.1	BF90G50-../DPE09XB4	624	42800	120000	1.8	6300	2.9
1.4	8800	2.1	1043	BF90G50-../DPE09XB4	624	42800	120000	1.7	7000	2.6
1.2	10300	1.8	1204	BF90G50-../DPE09XB4	624	42800	120000	1.5	7900	2.3
1.0	12900	1.45	1444	BF90G50-../DPE09XB4	624	42800	120000	1.3	9600	1.95
0.9	14300	1.3	1678	BF90G50-../DPE09XB4	624	42800	120000	1.1	11400	1.6
0.8	16100	1.15	1867	BF90G50-../DPE09XB4	624	42800	120000	0.95	13200	1.4
0.7	18400	1.0	2154	BF90G50-../DPE09XB4	624	42800	120000	0.85	14700	1.25

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



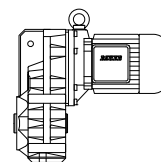
P = 2.2 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
260	80	1.75	5.60	BF10-../DPE09XB4C	43	1950	-	315	66	2.1
192	109	1.4	7.58	BF10-../DPE09XB4C	43	2200	-	230	91	1.7
150	140	1.25	9.69	BF10-../DPE09XB4C	43	2350	-	180	116	1.55
123	170	1.1	11.84	BF10-../DPE09XB4C	43	2500	-	147	142	1.3
97	215	0.85	15.04	BF10-../DPE09XB4C	43	2800	-	116	181	1.0
80	260	0.92	18.23	BF10-../DPE09XB4C	43	2900	-	96	215	1.1
73	285	0.84	20.05	BF10-../DPE09XB4C	43	3000	-	87	240	1.0
245	85	2.4	6.04	BF20-../DPE09XB4C	49	2550	-	290	72	2.8
182	115	1.9	8.00	BF20-../DPE09XB4C	49	2850	-	220	95	2.3
138	152	1.7	10.51	BF20-../DPE09XB4C	49	3100	-	166	126	2.0
111	189	1.5	13.18	BF20-../DPE09XB4C	49	3300	-	133	157	1.8
94	220	1.4	15.54	BF20-../DPE09XB4C	49	3450	-	112	187	1.65
87	240	1.5	16.77	BF20-../DPE09XB4C	49	3500	-	104	200	1.8
79	265	1.4	18.45	BF20-../DPE09XB4C	49	3600	-	95	220	1.7
66	315	1.25	22.04	BF20-../DPE09XB4C	49	3800	-	79	265	1.5
60	350	1.15	24.25	BF20-../DPE09XB4C	49	3950	-	72	290	1.4
53	395	1.05	27.62	BF20-../DPE09XB4C	49	4150	-	63	330	1.25
48	435	0.97	30.40	BF20-../DPE09XB4C	49	4400	-	58	360	1.15
45	465	0.9	32.58	BF20-../DPE09XB4C	49	4450	-	54	385	1.1
40.5	510	0.82	35.85	BF20-../DPE09XB4C	49	4650	-	49	425	0.99
230	91	2.9	6.34	BF30-../DPE09XB4C	59	2400	-	275	76	3.5
180	116	2.5	8.07	BF30-../DPE09XB4C	59	2650	-	220	95	3.0
146	143	2.2	9.99	BF30-../DPE09XB4C	59	2850	-	175	120	2.7
113	185	2.0	12.91	BF30-../DPE09XB4C	59	3050	-	135	155	2.4
91	230	1.75	16.00	BF30-../DPE09XB4C	59	3250	-	109	192	2.1
83	250	1.9	17.65	BF30-../DPE09XB4C	59	3300	-	99	210	2.3
75	280	1.8	19.41	BF30-../DPE09XB4C	59	3400	-	90	230	2.2
67	310	1.7	21.85	BF30-../DPE09XB4C	59	3500	-	80	260	2.0
61	340	1.65	24.03	BF30-../DPE09XB4C	59	3600	-	73	285	1.95
52	400	1.45	28.23	BF30-../DPE09XB4C	59	3800	-	62	335	1.7
47	445	1.3	31.05	BF30-../DPE09XB4C	59	4000	-	57	365	1.6
41.5	500	1.15	35.00	BF30-../DPE09XB4C	59	4200	-	50	420	1.35
38	550	1.05	38.49	BF30-../DPE09XB4C	59	4400	-	45.5	460	1.25
35.5	590	0.97	41.01	BF30-../DPE09XB4C	59	4500	-	42.5	490	1.15
32.5	640	0.9	45.10	BF30-../DPE09XB4C	59	4700	-	39	530	1.1
191	110	3.3	7.62	BF40-../DPE09XB4C	69	3900	-	230	91	4.0
153	137	3.0	9.48	BF40-../DPE09XB4C	69	4150	-	184	114	3.6
123	170	2.7	11.79	BF40-../DPE09XB4C	69	4450	-	148	141	3.3
97	215	2.4	15.02	BF40-../DPE09XB4C	69	4800	-	116	181	2.9
84	250	2.5	17.35	BF40-../DPE09XB4C	69	4950	-	101	205	3.1
76	275	2.4	19.09	BF40-../DPE09XB4C	69	5100	-	92	225	3.0
68	305	2.3	21.60	BF40-../DPE09XB4C	69	5200	-	81	255	2.8
62	335	2.2	23.77	BF40-../DPE09XB4C	69	5400	-	74	280	2.6
54	385	2.0	26.86	BF40-../DPE09XB4C	69	5600	-	65	320	2.4
49.5	420	1.9	29.55	BF40-../DPE09XB4C	69	5800	-	59	355	2.3
42.5	490	1.75	34.21	BF40-../DPE09XB4C	69	6000	-	51	410	2.1
39	530	1.7	37.64	BF40-../DPE09XB4C	69	6200	-	46.5	450	2.0
35.5	590	1.55	41.42	BF40-../DPE09XB4C	69	6500	-	42.5	490	1.85
32	650	1.4	45.56	BF40-../DPE09XB4C	69	6800	-	38.5	540	1.65
30	700	1.3	48.92	BF40-../DPE09XB4C	69	7000	-	36	580	1.55
27	770	1.15	53.82	BF40-../DPE09XB4C	69	7200	-	32.5	640	1.4
24	870	1.05	61.25	BF40-../DPE09XB4C	69	7600	-	28.5	730	1.25
22	950	0.95	67.38	BF40-../DPE09XB4C	69	8000	-	26	800	1.15
20.5	1020	0.88	71.40	BF40-../DPE09XB4C	69	8100	-	24.5	850	1.05
18.5	1130	0.8	78.55	BF40-../DPE09XB4C	69	8500	-	22.5	930	0.97
57	365	3.2	25.88	BF50-../DPE09XB4C	97	7100	-	68	305	3.8
46	455	2.8	31.73	BF50-../DPE09XB4C	97	7500	-	55	380	3.3
41	510	2.5	35.49	BF50-../DPE09XB4C	97	7800	-	49.5	420	3.1

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



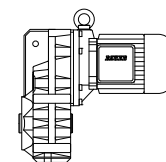
P = 2.2 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
34.5	600	2.2	42.15	BF50-../DPE09XB4C	97	8500	-	41.5	500	2.6
31	670	1.95	47.14	BF50-../DPE09XB4C	97	8900	-	37	560	2.3
26	800	1.65	56.86	BF50-../DPE09XB4C	97	9300	-	31	670	1.95
23	910	1.45	63.59	BF50-../DPE09XB4C	97	9800	-	27.5	760	1.7
20	1050	1.25	72.72	BF50-../DPE09XB4C	97	10700	-	24	870	1.5
18	1160	1.1	81.33	BF50-../DPE09XB4C	97	11300	-	21.5	970	1.35
16.5	1270	1.0	90.24	BF50-../DPE09XB4C	97	11800	-	19.5	1070	1.2
14.5	1440	0.9	100.9	BF50-../DPE09XB4C	97	12300	-	17.5	1200	1.1
13	1610	0.81	114.0	BF50-../DPE09XB4C	97	12900	-	15.5	1350	0.96
27	770	3.0	54.44	BF60-../DPE09XB4C	126	10500	29700	32	650	3.5
24.5	850	2.7	60.40	BF60-../DPE09XB4C	126	11100	31400	29	720	3.2
20.5	1020	2.3	72.15	BF60-../DPE09XB4C	126	12000	34000	24.5	850	2.7
18.5	1130	2.0	80.05	BF60-../DPE09XB4C	126	12600	35600	22	950	2.4
16	1310	1.75	93.44	BF60-../DPE09XB4C	126	13500	38200	19	1100	2.1
14	1500	1.55	103.7	BF60-../DPE09XB4C	126	14100	39900	17	1230	1.85
13	1610	1.45	113.1	BF60-../DPE09XB4C	126	14600	41300	15.5	1350	1.7
12	1750	1.3	125.5	BF60-../DPE09XB4C	126	15300	43300	14	1500	1.55
10.5	2000	1.15	140.8	BF60Z-../DPE09XB4C	146	15300	43300	12.5	1680	1.35
8.6	2400	0.96	169.2	BF60Z-../DPE09XB4C	146	15300	43300	10.5	2000	1.15
7.8	2650	0.87	187.7	BF60Z-../DPE09XB4C	146	15300	43300	9.3	2250	1.0
12	1750	3.0	122.7	BF70-../DPE09XB4C	213	16100	47700	14.5	1440	3.6
11	1910	2.7	133.0	BF70Z-../DPE09XB4C	234	16100	47700	13.5	1550	3.4
9.5	2200	2.4	154.0	BF70Z-../DPE09XB4C	234	16100	47700	11.5	1820	2.9
8.1	2550	2.0	179.7	BF70Z-../DPE09XB4C	234	16100	47700	9.7	2150	2.4
7.3	2850	1.8	199.7	BF70Z-../DPE09XB4C	234	16100	47700	8.8	2350	2.2
6.3	3300	1.6	233.0	BF70Z-../DPE09XB4C	234	16100	47700	7.5	2800	1.85
5.7	3650	1.4	258.7	BF70Z-../DPE09XB4C	234	16100	47700	6.8	3050	1.7
4.9	4250	1.2	301.8	BF70Z-../DPE09XB4C	234	16100	47700	5.8	3600	1.45
4.3	4850	1.05	341.7	BF70Z-../DPE09XB4C	234	16100	47700	5.1	4100	1.25
3.7	5600	0.93	398.7	BF70Z-../DPE09XB4C	234	16100	47700	4.4	4750	1.1
3.4	6100	0.85	439.2	BF70Z-../DPE09XB4C	234	16100	47700	4.0	5200	1.0
7.0	3000	3.2	209.4	BF80-../DPE09XB4C	309	34300	75000	8.4	2500	3.8
6.2	3350	2.8	237.1	BF80-../DPE09XB4C	309	36900	75000	7.4	2800	3.4
5.4	3850	2.5	269.1	BF80-../DPE09XB4C	309	39600	75000	6.5	3200	3.0
5.0	4200	2.5	291.7	BF80Z-../DPE09XB4C	350	39600	75000	6.0	3500	3.0
4.2	5000	2.1	347.3	BF80Z-../DPE09XB4C	350	39600	75000	5.1	4100	2.6
3.7	5600	1.9	394.2	BF80Z-../DPE09XB4C	350	39600	75000	4.5	4650	2.3
3.3	6300	1.65	450.4	BF80Z-../DPE09XB4C	350	39600	75000	3.9	5300	2.0
2.9	7200	1.45	511.2	BF80Z-../DPE09XB4C	350	39600	75000	3.5	6000	1.75
2.5	8400	1.25	583.4	BF80Z-../DPE09XB4C	350	39600	75000	3.0	7000	1.5
2.2	9500	1.1	662.1	BF80Z-../DPE09XB4C	350	39600	75000	2.7	7700	1.35
1.9	11000	0.95	770.6	BF80Z-../DPE09XB4C	350	39600	75000	2.3	9100	1.15
1.7	12300	0.85	874.6	BF80Z-../DPE09XB4C	350	39600	75000	2.0	10500	1.0
3.2	6500	2.8	456.7	BF90Z-../DPE09XB4C	614	42800	120000	3.9	5300	3.5
2.9	7200	2.6	508.5	BF90Z-../DPE09XB4C	614	42800	120000	3.5	6000	3.1
2.5	8400	2.2	591.1	BF90Z-../DPE09XB4C	614	42800	120000	3.0	7000	2.6
2.3	9100	2.0	658.1	BF90Z-../DPE09XB4C	614	42800	120000	2.7	7700	2.4
2.0	10500	1.75	759.0	BF90Z-../DPE09XB4C	614	42800	120000	2.3	9100	2.0
1.8	11600	1.6	845.1	BF90Z-../DPE09XB4C	614	42800	120000	2.1	10000	1.85
1.5	12400	1.5	976.1	BF90G50-../DPE09XB4C	626	42800	120000	1.8	10000	1.85
1.4	13600	1.35	1043	BF90G50-../DPE09XB4C	626	42800	120000	1.7	10900	1.7
1.3	14500	1.3	1204	BF90G50-../DPE09XB4C	626	42800	120000	1.5	12300	1.5
1.1	17700	1.05	1444	BF90G50-../DPE09XB4C	626	42800	120000	1.3	14700	1.25

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



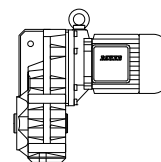
P = 3 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
230	124	2.1	6.34	BF30-../DPE11LA4	78	2400	-	275	104	2.5
180	159	1.8	8.07	BF30-../DPE11LA4	78	2650	-	220	130	2.2
146	196	1.65	9.99	BF30-../DPE11LA4	78	2850	-	175	163	1.95
113	250	1.45	12.91	BF30-../DPE11LA4	78	3050	-	135	210	1.75
91	310	1.3	16.00	BF30-../DPE11LA4	78	3250	-	109	260	1.55
83	345	1.4	17.65	BF30-../DPE11LA4	78	3300	-	99	285	1.7
75	380	1.3	19.41	BF30-../DPE11LA4	78	3400	-	90	315	1.6
67	425	1.25	21.85	BF30-../DPE11LA4	78	3500	-	80	355	1.5
61	465	1.2	24.03	BF30-../DPE11LA4	78	3600	-	73	390	1.4
52	550	1.05	28.23	BF30-../DPE11LA4	78	3800	-	62	460	1.25
47	600	0.96	31.05	BF30-../DPE11LA4	78	4000	-	57	500	1.15
41.5	690	0.83	35.00	BF30-../DPE11LA4	78	4200	-	50	570	1.0
250	114	2.9	5.87	BF40-../DPE11LA4	92	3550	-	300	95	3.5
191	150	2.5	7.62	BF40-../DPE11LA4	92	3900	-	230	124	3.0
153	187	2.2	9.48	BF40-../DPE11LA4	92	4150	-	184	155	2.7
123	230	2.0	11.79	BF40-../DPE11LA4	92	4450	-	148	193	2.4
97	295	1.75	15.02	BF40-../DPE11LA4	92	4800	-	116	245	2.1
84	340	1.85	17.35	BF40-../DPE11LA4	92	4950	-	101	280	2.3
76	375	1.75	19.09	BF40-../DPE11LA4	92	5100	-	92	310	2.1
68	420	1.65	21.60	BF40-../DPE11LA4	92	5200	-	81	350	2.0
62	460	1.6	23.77	BF40-../DPE11LA4	92	5400	-	74	385	1.9
54	530	1.45	26.86	BF40-../DPE11LA4	92	5600	-	65	440	1.75
49.5	570	1.4	29.55	BF40-../DPE11LA4	92	5800	-	59	485	1.65
42.5	670	1.3	34.21	BF40-../DPE11LA4	92	6000	-	51	560	1.55
39	730	1.2	37.64	BF40-../DPE11LA4	92	6200	-	46.5	610	1.45
35.5	800	1.15	41.42	BF40-../DPE11LA4	92	6500	-	42.5	670	1.35
32	890	1.0	45.56	BF40-../DPE11LA4	92	6800	-	38.5	740	1.2
30	950	0.95	48.92	BF40-../DPE11LA4	92	7000	-	36	790	1.15
27	1060	0.85	53.82	BF40-../DPE11LA4	92	7200	-	32.5	880	1.0
136	210	3.2	10.68	BF50-../DPE11LA4	122	5600	-	163	175	3.9
99	285	2.8	14.65	BF50-../DPE11LA4	122	6100	-	119	240	3.3
87	325	2.9	16.70	BF50-../DPE11LA4	122	6200	-	105	270	3.5
78	365	2.7	18.68	BF50-../DPE11LA4	122	6400	-	94	300	3.3
63	450	2.5	23.14	BF50-../DPE11LA4	122	6800	-	76	375	3.0
57	500	2.3	25.88	BF50-../DPE11LA4	122	7100	-	68	420	2.8
46	620	2.0	31.73	BF50-../DPE11LA4	122	7500	-	55	520	2.4
41	690	1.9	35.49	BF50-../DPE11LA4	122	7800	-	49.5	570	2.3
34.5	830	1.55	42.15	BF50-../DPE11LA4	122	8500	-	41.5	690	1.9
31	920	1.4	47.14	BF50-../DPE11LA4	122	8900	-	37	770	1.7
26	1100	1.2	56.86	BF50-../DPE11LA4	122	9300	-	31	920	1.4
23	1240	1.05	63.59	BF50-../DPE11LA4	122	9800	-	27.5	1040	1.25
20	1430	0.91	72.72	BF50-../DPE11LA4	122	10700	-	24	1190	1.1
18	1590	0.82	81.33	BF50-../DPE11LA4	122	11300	-	21.5	1330	0.98
46.5	610	3.1	31.20	BF60-../DPE11LA4	153	8800	24900	56	510	3.7
42	680	2.9	34.62	BF60-../DPE11LA4	153	9100	25700	51	560	3.5
35	810	2.6	41.60	BF60-../DPE11LA4	153	9600	27100	42	680	3.1
31.5	900	2.5	46.16	BF60-../DPE11LA4	153	9900	28000	38	750	3.0
27	1060	2.2	54.44	BF60-../DPE11LA4	153	10500	29700	32	890	2.6
24.5	1160	2.0	60.40	BF60-../DPE11LA4	153	11100	31400	29	980	2.3
20.5	1390	1.65	72.15	BF60-../DPE11LA4	153	12000	34000	24.5	1160	2.0
18.5	1540	1.5	80.05	BF60-../DPE11LA4	153	12600	35600	22	1300	1.75
16	1790	1.3	93.44	BF60-../DPE11LA4	153	13500	38200	19	1500	1.55
14	2000	1.15	103.7	BF60-../DPE11LA4	153	14100	39900	17	1680	1.35
13	2200	1.05	113.1	BF60-../DPE11LA4	153	14600	41300	15.5	1840	1.25
12	2350	0.98	125.5	BF60-../DPE11LA4	153	15300	43300	14	2000	1.15
10.5	2700	0.85	140.8	BF60Z-../DPE11LA4	169	15300	43300	12.5	2250	1.0
18	1590	3.3	81.82	BF70-../DPE11LA4	232	12800	41300	21.5	1330	3.9

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 3 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
15.5	1840	2.8	95.46	BF70-../DPE11LA4	232	14000	43700	18.5	1540	3.4
14	2000	2.6	105.2	BF70-../DPE11LA4	232	14700	45100	17	1680	3.1
12	2350	2.2	122.7	BF70-../DPE11LA4	232	16100	47700	14.5	1970	2.6
11	2600	2.0	133.0	BF70Z-../DPE11LA4	258	16100	47700	13.5	2100	2.5
9.5	3000	1.75	154.0	BF70Z-../DPE11LA4	258	16100	47700	11.5	2450	2.1
8.1	3500	1.5	179.7	BF70Z-../DPE11LA4	258	16100	47700	9.7	2950	1.75
7.3	3900	1.35	199.7	BF70Z-../DPE11LA4	258	16100	47700	8.8	3250	1.6
6.3	4500	1.15	233.0	BF70Z-../DPE11LA4	258	16100	47700	7.5	3800	1.35
5.7	5000	1.05	258.7	BF70Z-../DPE11LA4	258	16100	47700	6.8	4200	1.25
4.9	5800	0.9	301.8	BF70Z-../DPE11LA4	258	16100	47700	5.8	4900	1.05
9.2	3100	3.1	158.5	BF80-../DPE11LA4	328	29000	75000	11	2600	3.7
7.9	3600	2.6	184.5	BF80-../DPE11LA4	328	31800	75000	9.5	3000	3.2
7.0	4050	2.3	209.4	BF80-../DPE11LA4	328	34300	75000	8.4	3400	2.8
6.2	4600	2.1	237.1	BF80-../DPE11LA4	328	36900	75000	7.4	3850	2.5
5.4	5300	1.8	269.1	BF80-../DPE11LA4	328	39600	75000	6.5	4400	2.2
5.0	5700	1.85	291.7	BF80Z-../DPE11LA4	375	39600	75000	6.0	4750	2.2
4.2	6800	1.55	347.3	BF80Z-../DPE11LA4	375	39600	75000	5.1	5600	1.9
3.7	7700	1.35	394.2	BF80Z-../DPE11LA4	375	39600	75000	4.5	6300	1.65
3.3	8600	1.2	450.4	BF80Z-../DPE11LA4	375	39600	75000	3.9	7300	1.45
2.9	9800	1.05	511.2	BF80Z-../DPE11LA4	375	39600	75000	3.5	8100	1.3
2.5	11400	0.92	583.4	BF80Z-../DPE11LA4	375	39600	75000	3.0	9500	1.1
2.2	13000	0.81	662.1	BF80Z-../DPE11LA4	375	39600	75000	2.7	10600	0.99
5.6	5100	3.3	259.0	BF90-../DPE11LA4	581	42800	120000	6.8	4200	4.0
4.9	5800	3.2	300.4	BF90Z-../DPE11LA4	641	42800	120000	5.8	4900	3.8
4.3	6600	2.8	343.6	BF90Z-../DPE11LA4	641	42800	120000	5.1	5600	3.3
3.8	7500	2.5	382.6	BF90Z-../DPE11LA4	641	42800	120000	4.6	6200	3.0
3.2	8900	2.1	456.7	BF90Z-../DPE11LA4	641	42800	120000	3.9	7300	2.5
2.9	9800	1.9	508.5	BF90Z-../DPE11LA4	641	42800	120000	3.5	8100	2.3
2.5	11400	1.6	591.1	BF90Z-../DPE11LA4	641	42800	120000	3.0	9500	1.95
2.3	12400	1.5	658.1	BF90Z-../DPE11LA4	641	42800	120000	2.7	10600	1.75
2.0	14300	1.3	759.0	BF90Z-../DPE11LA4	641	42800	120000	2.3	12400	1.5
1.8	15900	1.15	845.1	BF90Z-../DPE11LA4	641	42800	120000	2.1	13600	1.35
1.5	17500	1.05	976.1	BF90G50-../DPE11LA4	651	42800	120000	1.8	14300	1.3
1.4	19000	0.97	1043	BF90G50-../DPE11LA4	651	42800	120000	1.7	15400	1.2
1.3	20400	0.91	1204	BF90G50-../DPE11LA4	651	42800	120000	1.5	17400	1.05

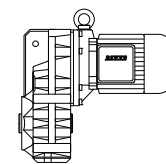
P = 4 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
230	166	1.6	6.34	BF30-../DPE11LB4	78	2400	-	275	138	1.9
180	210	1.35	8.07	BF30-../DPE11LB4	78	2650	-	220	173	1.65
146	260	1.25	9.99	BF30-../DPE11LB4	78	2850	-	175	215	1.5
113	335	1.1	12.91	BF30-../DPE11LB4	78	3050	-	135	280	1.3
91	415	0.98	16.00	BF30-../DPE11LB4	78	3250	-	109	350	1.15
83	460	1.05	17.65	BF30-../DPE11LB4	78	3300	-	99	385	1.25
75	500	1.0	19.41	BF30-../DPE11LB4	78	3400	-	90	420	1.2
67	570	0.93	21.85	BF30-../DPE11LB4	78	3500	-	80	475	1.1
61	620	0.89	24.03	BF30-../DPE11LB4	78	3600	-	73	520	1.05

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



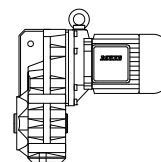
P = 4 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
250	152	2.2	5.87	BF40-../DPE11LB4	92	3550	-	300	127	2.6
191	200	1.85	7.62	BF40-../DPE11LB4	92	3900	-	230	166	2.2
153	245	1.7	9.48	BF40-../DPE11LB4	92	4150	-	184	205	2.0
123	310	1.5	11.79	BF40-../DPE11LB4	92	4450	-	148	255	1.8
97	390	1.35	15.02	BF40-../DPE11LB4	92	4800	-	116	325	1.6
84	450	1.4	17.35	BF40-../DPE11LB4	92	4950	-	101	375	1.7
76	500	1.35	19.09	BF40-../DPE11LB4	92	5100	-	92	415	1.6
68	560	1.25	21.60	BF40-../DPE11LB4	92	5200	-	81	470	1.5
62	610	1.2	23.77	BF40-../DPE11LB4	92	5400	-	74	510	1.45
54	700	1.1	26.86	BF40-../DPE11LB4	92	5600	-	65	580	1.35
49.5	770	1.05	29.55	BF40-../DPE11LB4	92	5800	-	59	640	1.25
42.5	890	0.96	34.21	BF40-../DPE11LB4	92	6000	-	51	740	1.15
39	970	0.92	37.64	BF40-../DPE11LB4	92	6200	-	46.5	820	1.1
35.5	1070	0.84	41.42	BF40-../DPE11LB4	92	6500	-	42.5	890	1.0
189	200	2.8	7.71	BF50-../DPE11LB4	122	5100	-	230	166	3.4
136	280	2.4	10.68	BF50-../DPE11LB4	122	5600	-	163	230	2.9
99	385	2.1	14.65	BF50-../DPE11LB4	122	6100	-	119	320	2.5
87	435	2.2	16.70	BF50-../DPE11LB4	122	6200	-	105	360	2.6
78	485	2.1	18.68	BF50-../DPE11LB4	122	6400	-	94	405	2.5
63	600	1.85	23.14	BF50-../DPE11LB4	122	6800	-	76	500	2.2
57	670	1.75	25.88	BF50-../DPE11LB4	122	7100	-	68	560	2.1
46	830	1.55	31.73	BF50-../DPE11LB4	122	7500	-	55	690	1.85
41	930	1.4	35.49	BF50-../DPE11LB4	122	7800	-	49.5	770	1.7
34.5	1100	1.2	42.15	BF50-../DPE11LB4	122	8500	-	41.5	920	1.4
31	1230	1.05	47.14	BF50-../DPE11LB4	122	8900	-	37	1030	1.25
26	1460	0.89	56.86	BF50-../DPE11LB4	122	9300	-	31	1230	1.05
102	370	3.2	14.24	BF60-../DPE11LB4	153	7100	20000	123	310	3.8
86	440	3.3	16.96	BF60-../DPE11LB4	153	7300	20600	103	370	3.9
78	485	3.1	18.81	BF60-../DPE11LB4	153	7600	21500	93	410	3.7
65	580	2.9	22.58	BF60-../DPE11LB4	153	8000	22600	78	485	3.4
58	650	2.7	25.05	BF60-../DPE11LB4	153	8200	23200	70	540	3.2
46.5	820	2.3	31.20	BF60-../DPE11LB4	153	8800	24900	56	680	2.8
42	900	2.2	34.62	BF60-../DPE11LB4	153	9100	25700	51	740	2.7
35	1090	1.95	41.60	BF60-../DPE11LB4	153	9600	27100	42	900	2.4
31.5	1210	1.85	46.16	BF60-../DPE11LB4	153	9900	28000	38	1000	2.2
27	1410	1.65	54.44	BF60-../DPE11LB4	153	10500	29700	32	1190	1.95
24.5	1550	1.5	60.40	BF60-../DPE11LB4	153	11100	31400	29	1310	1.75
20.5	1860	1.25	72.15	BF60-../DPE11LB4	153	12000	34000	24.5	1550	1.5
18.5	2050	1.1	80.05	BF60-../DPE11LB4	153	12600	35600	22	1730	1.35
16	2350	0.98	93.44	BF60-../DPE11LB4	153	13500	38200	19	2000	1.15
14	2700	0.85	103.7	BF60-../DPE11LB4	153	14100	39900	17	2200	1.05
23.5	1620	3.2	61.94	BF70-../DPE11LB4	232	10800	37400	28.5	1340	3.9
20.5	1860	2.8	72.26	BF70-../DPE11LB4	232	12000	39600	24.5	1550	3.4
18	2100	2.5	81.82	BF70-../DPE11LB4	232	12800	41300	21.5	1770	2.9
15.5	2450	2.1	95.46	BF70-../DPE11LB4	232	14000	43700	18.5	2050	2.5
14	2700	1.95	105.2	BF70-../DPE11LB4	232	14700	45100	17	2200	2.4
12	3150	1.65	122.7	BF70-../DPE11LB4	232	16100	47700	14.5	2600	2.0
11	3450	1.5	133.0	BF70Z-../DPE11LB4	258	16100	47700	13.5	2800	1.85
9.5	4000	1.3	154.0	BF70Z-../DPE11LB4	258	16100	47700	11.5	3300	1.6
8.1	4700	1.1	179.7	BF70Z-../DPE11LB4	258	16100	47700	9.7	3900	1.35
7.3	5200	1.0	199.7	BF70Z-../DPE11LB4	258	16100	47700	8.8	4300	1.2
6.3	6000	0.87	233.0	BF70Z-../DPE11LB4	258	16100	47700	7.5	5000	1.05
12	3150	3.0	122.4	BF80-../DPE11LB4	328	24500	75000	14.5	2600	3.7
10.5	3600	2.6	139.7	BF80-../DPE11LB4	328	26700	75000	12.5	3050	3.1
9.2	4150	2.3	158.5	BF80-../DPE11LB4	328	29000	75000	11	3450	2.8
7.9	4800	2.0	184.5	BF80-../DPE11LB4	328	31800	75000	9.5	4000	2.4

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 4 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
7.0	5400	1.75	209.4	BF80-../DPE11LB4	328	34300	75000	8.4	4500	2.1
6.2	6100	1.55	237.1	BF80-../DPE11LB4	328	36900	75000	7.4	5100	1.85
5.4	7000	1.35	269.1	BF80-../DPE11LB4	328	39600	75000	6.5	5800	1.65
5.0	7600	1.4	291.7	BF80Z-../DPE11LB4	375	39600	75000	6.0	6300	1.65
4.2	9000	1.15	347.3	BF80Z-../DPE11LB4	375	39600	75000	5.1	7400	1.4
3.7	10300	1.0	394.2	BF80Z-../DPE11LB4	375	39600	75000	4.5	8400	1.25
3.3	11500	0.91	450.4	BF80Z-../DPE11LB4	375	39600	75000	3.9	9700	1.1
2.9	13100	0.8	511.2	BF80Z-../DPE11LB4	375	39600	75000	3.5	10900	0.96
7.3	5200	3.2	198.8	BF90-../DPE11LB4	581	36000	111300	8.8	4300	3.9
6.3	6000	2.8	232.6	BF90-../DPE11LB4	581	39900	118300	7.5	5000	3.4
5.6	6800	2.5	259.0	BF90-../DPE11LB4	581	42800	120000	6.8	5600	3.0
5.4	7000	2.6	269.8	BF90Z-../DPE11LB4	641	42800	120000	6.5	5800	3.2
4.9	7700	2.4	300.4	BF90Z-../DPE11LB4	641	42800	120000	5.8	6500	2.8
4.3	8800	2.1	343.6	BF90Z-../DPE11LB4	641	42800	120000	5.1	7400	2.5
3.8	10000	1.85	382.6	BF90Z-../DPE11LB4	641	42800	120000	4.6	8300	2.2
3.2	11900	1.55	456.7	BF90Z-../DPE11LB4	641	42800	120000	3.9	9700	1.9
2.9	13100	1.4	508.5	BF90Z-../DPE11LB4	641	42800	120000	3.5	10900	1.7
2.5	15200	1.2	591.1	BF90Z-../DPE11LB4	641	42800	120000	3.0	12700	1.45
2.3	16600	1.1	658.1	BF90Z-../DPE11LB4	641	42800	120000	2.7	14100	1.3
2.0	19100	0.97	759.0	BF90Z-../DPE11LB4	641	42800	120000	2.3	16600	1.1
1.8	21200	0.87	845.1	BF90Z-../DPE11LB4	641	42800	120000	2.1	18100	1.0

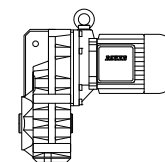
P = 5.5 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
235	220	1.2	6.34	BF30-../DPE11LB4C	82	2400	-	280	187	1.4
181	290	0.99	8.07	BF30-../DPE11LB4C	82	2650	-	220	235	1.2
147	355	0.9	9.99	BF30-../DPE11LB4C	82	2850	-	177	295	1.1
114	460	0.8	12.91	BF30-../DPE11LB4C	82	3050	-	137	380	0.96
250	210	1.6	5.87	BF40-../DPE11LB4C	96	3550	-	300	175	1.9
192	270	1.35	7.62	BF40-../DPE11LB4C	96	3900	-	235	220	1.65
155	335	1.25	9.48	BF40-../DPE11LB4C	96	4150	-	186	280	1.5
124	420	1.1	11.79	BF40-../DPE11LB4C	96	4450	-	150	350	1.35
98	530	0.98	15.02	BF40-../DPE11LB4C	96	4800	-	118	445	1.15
85	610	1.05	17.35	BF40-../DPE11LB4C	96	4950	-	102	510	1.25
77	680	0.98	19.09	BF40-../DPE11LB4C	96	5100	-	93	560	1.2
68	770	0.91	21.60	BF40-../DPE11LB4C	96	5200	-	82	640	1.1
62	840	0.88	23.77	BF40-../DPE11LB4C	96	5400	-	75	700	1.05
55	950	0.82	26.86	BF40-../DPE11LB4C	96	5600	-	66	790	0.98
275	191	2.6	5.38	BF50-../DPE11LB4C	126	4500	-	330	159	3.1
190	275	2.1	7.71	BF50-../DPE11LB4C	126	5100	-	230	225	2.5
137	380	1.8	10.68	BF50-../DPE11LB4C	126	5600	-	165	315	2.1
100	520	1.5	14.65	BF50-../DPE11LB4C	126	6100	-	121	430	1.85
88	590	1.6	16.70	BF50-../DPE11LB4C	126	6200	-	106	495	1.9
79	660	1.5	18.68	BF50-../DPE11LB4C	126	6400	-	95	550	1.8
64	820	1.35	23.14	BF50-../DPE11LB4C	126	6800	-	77	680	1.65
57	920	1.25	25.88	BF50-../DPE11LB4C	126	7100	-	69	760	1.55
46.5	1120	1.15	31.73	BF50-../DPE11LB4C	126	7500	-	56	930	1.35
41.5	1260	1.05	35.49	BF50-../DPE11LB4C	126	7800	-	50	1050	1.25

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



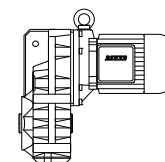
P = 5.5 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
35	1500	0.87	42.15	BF50-../DPE11LB4C	126	8500	-	42	1250	1.05
189	275	3.2	7.74	BF60-../DPE11LB4C	157	6000	16900	230	225	3.9
142	365	2.8	10.31	BF60-../DPE11LB4C	157	6500	18400	171	305	3.3
103	500	2.4	14.24	BF60-../DPE11LB4C	157	7100	20000	124	420	2.8
87	600	2.4	16.96	BF60-../DPE11LB4C	157	7300	20600	104	500	2.9
78	670	2.3	18.81	BF60-../DPE11LB4C	157	7600	21500	94	550	2.8
65	800	2.1	22.58	BF60-../DPE11LB4C	157	8000	22600	78	670	2.5
59	890	1.95	25.05	BF60-../DPE11LB4C	157	8200	23200	71	730	2.4
47	1110	1.7	31.20	BF60-../DPE11LB4C	157	8800	24900	57	920	2.1
42.5	1230	1.6	34.62	BF60-../DPE11LB4C	157	9100	25700	51	1020	1.95
35.5	1470	1.45	41.60	BF60-../DPE11LB4C	157	9600	27100	42.5	1230	1.75
32	1640	1.35	46.16	BF60-../DPE11LB4C	157	9900	28000	38.5	1360	1.65
27	1940	1.2	54.44	BF60-../DPE11LB4C	157	10500	29700	32.5	1610	1.45
24.5	2100	1.1	60.40	BF60-../DPE11LB4C	157	11100	31400	29.5	1780	1.3
20.5	2550	0.9	72.15	BF60-../DPE11LB4C	157	12000	34000	24.5	2100	1.1
18.5	2800	0.82	80.05	BF60-../DPE11LB4C	157	12600	35600	22	2350	0.98
31	1690	3.1	47.82	BF70-../DPE11LB4C	236	9100	34000	37	1410	3.7
26.5	1980	2.6	55.79	BF70-../DPE11LB4C	236	10200	36000	32	1640	3.2
24	2150	2.4	61.94	BF70-../DPE11LB4C	236	10800	37400	28.5	1840	2.8
20.5	2550	2.0	72.26	BF70-../DPE11LB4C	236	12000	39600	24.5	2100	2.5
18	2900	1.8	81.82	BF70-../DPE11LB4C	236	12800	41300	22	2350	2.2
15.5	3350	1.55	95.46	BF70-../DPE11LB4C	236	14000	43700	18.5	2800	1.85
14	3750	1.4	105.2	BF70-../DPE11LB4C	236	14700	45100	17	3050	1.7
12	4350	1.2	122.7	BF70-../DPE11LB4C	236	16100	47700	14.5	3600	1.45
11	4750	1.1	133.0	BF70Z-../DPE11LB4C	262	16100	47700	13.5	3850	1.35
9.5	5500	0.95	154.0	BF70Z-../DPE11LB4C	262	16100	47700	11.5	4550	1.15
8.2	6400	0.81	179.7	BF70Z-../DPE11LB4C	262	16100	47700	9.8	5300	0.98
18	2900	3.3	83.16	BF80-../DPE11LB4C	332	18400	65100	21.5	2400	4.0
15.5	3350	2.8	94.38	BF80-../DPE11LB4C	332	20300	68500	19	2750	3.5
14	3750	2.5	107.9	BF80-../DPE11LB4C	332	22400	72300	16.5	3150	3.0
12	4350	2.2	122.4	BF80-../DPE11LB4C	332	24500	75000	14.5	3600	2.6
10.5	5000	1.9	139.7	BF80-../DPE11LB4C	332	26700	75000	13	4000	2.4
9.3	5600	1.7	158.5	BF80-../DPE11LB4C	332	29000	75000	11.5	4550	2.1
8.0	6500	1.45	184.5	BF80-../DPE11LB4C	332	31800	75000	9.6	5400	1.75
7.0	7500	1.25	209.4	BF80-../DPE11LB4C	332	34300	75000	8.5	6100	1.55
6.2	8400	1.15	237.1	BF80-../DPE11LB4C	332	36900	75000	7.5	7000	1.35
5.5	9500	1.0	269.1	BF80-../DPE11LB4C	332	39600	75000	6.6	7900	1.2
5.1	10200	1.05	291.7	BF80Z-../DPE11LB4C	379	39600	75000	6.1	8600	1.2
4.3	12200	0.86	347.3	BF80Z-../DPE11LB4C	379	39600	75000	5.1	10200	1.05
9.5	5500	3.1	154.8	BF90-../DPE11LB4C	585	30100	100800	11.5	4550	3.7
8.2	6400	2.6	178.6	BF90-../DPE11LB4C	585	33400	106700	9.9	5300	3.2
7.4	7000	2.4	198.8	BF90-../DPE11LB4C	585	36000	111300	8.9	5900	2.8
6.3	8300	2.0	232.6	BF90-../DPE11LB4C	585	39900	118300	7.6	6900	2.4
5.7	9200	1.85	259.0	BF90-../DPE11LB4C	585	42800	120000	6.8	7700	2.2
5.5	9500	1.95	269.8	BF90Z-../DPE11LB4C	645	42800	120000	6.6	7900	2.3
4.9	10700	1.75	300.4	BF90Z-../DPE11LB4C	645	42800	120000	5.9	8900	2.1
4.3	12200	1.5	343.6	BF90Z-../DPE11LB4C	645	42800	120000	5.2	10100	1.85
3.9	13400	1.4	382.6	BF90Z-../DPE11LB4C	645	42800	120000	4.7	11100	1.65
3.2	16400	1.15	456.7	BF90Z-../DPE11LB4C	645	42800	120000	3.9	13400	1.4
2.9	18100	1.0	508.5	BF90Z-../DPE11LB4C	645	42800	120000	3.5	15000	1.25
2.5	21000	0.88	591.1	BF90Z-../DPE11LB4C	645	42800	120000	3.0	17500	1.05
2.3	22800	0.81	658.1	BF90Z-../DPE11LB4C	645	42800	120000	2.7	19400	0.95

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



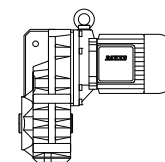
P = 7.5 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
275	260	1.9	5.38	BF50-../DPE13XA4	137	4500	-	330	215	2.3
190	375	1.5	7.71	BF50-../DPE13XA4	137	5100	-	230	310	1.8
137	520	1.3	10.68	BF50-../DPE13XA4	137	5600	-	165	430	1.55
100	710	1.1	14.65	BF50-../DPE13XA4	137	6100	-	121	590	1.35
88	810	1.15	16.70	BF50-../DPE13XA4	137	6200	-	106	670	1.4
79	900	1.1	18.68	BF50-../DPE13XA4	137	6400	-	95	750	1.35
64	1110	1.0	23.14	BF50-../DPE13XA4	137	6800	-	77	930	1.2
57	1250	0.93	25.88	BF50-../DPE13XA4	137	7100	-	69	1030	1.15
46.5	1540	0.82	31.73	BF50-../DPE13XA4	137	7500	-	56	1270	1.0
280	255	3.0	5.22	BF60-../DPE13XA4	170	5200	14800	340	210	3.6
189	375	2.3	7.74	BF60-../DPE13XA4	170	6000	16900	230	310	2.8
142	500	2.0	10.31	BF60-../DPE13XA4	170	6500	18400	171	415	2.4
103	690	1.75	14.24	BF60-../DPE13XA4	170	7100	20000	124	570	2.1
87	820	1.75	16.96	BF60-../DPE13XA4	170	7300	20600	104	680	2.1
78	910	1.65	18.81	BF60-../DPE13XA4	170	7600	21500	94	760	2.0
65	1100	1.5	22.58	BF60-../DPE13XA4	170	8000	22600	78	910	1.8
59	1210	1.45	25.05	BF60-../DPE13XA4	170	8200	23200	71	1000	1.75
47	1520	1.25	31.20	BF60-../DPE13XA4	170	8800	24900	57	1250	1.5
42.5	1680	1.2	34.62	BF60-../DPE13XA4	170	9100	25700	51	1400	1.4
35.5	2000	1.05	41.60	BF60-../DPE13XA4	170	9600	27100	42.5	1680	1.25
32	2200	1.0	46.16	BF60-../DPE13XA4	170	9900	28000	38.5	1860	1.2
27	2650	0.87	54.44	BF60-../DPE13XA4	170	10500	29700	32.5	2200	1.05
40	1790	2.9	36.88	BF70-../DPE13XA4	249	7900	31100	48	1490	3.5
34	2100	2.5	43.02	BF70-../DPE13XA4	249	8700	32800	41	1740	3.0
31	2300	2.3	47.82	BF70-../DPE13XA4	249	9100	34000	37	1930	2.7
26.5	2700	1.95	55.79	BF70-../DPE13XA4	249	10200	36000	32	2200	2.4
24	2950	1.75	61.94	BF70-../DPE13XA4	249	10800	37400	28.5	2500	2.1
20.5	3450	1.5	72.26	BF70-../DPE13XA4	249	12000	39600	24.5	2900	1.8
18	3950	1.3	81.82	BF70-../DPE13XA4	249	12800	41300	22	3250	1.6
15.5	4600	1.15	95.46	BF70-../DPE13XA4	249	14000	43700	18.5	3850	1.35
14	5100	1.0	105.2	BF70-../DPE13XA4	249	14700	45100	17	4200	1.25
12	5900	0.88	122.7	BF70-../DPE13XA4	249	16100	47700	14.5	4900	1.05
11	6500	0.8	133.0	BF70Z-../DPE13XA4	274	16100	47700	13.5	5300	0.98
24	2950	3.2	61.55	BF80-../DPE13XA4	345	14800	58100	29	2450	3.8
21	3400	2.8	69.86	BF80-../DPE13XA4	345	15900	60600	25.5	2800	3.4
18	3950	2.4	83.16	BF80-../DPE13XA4	345	18400	65100	21.5	3300	2.9
15.5	4600	2.1	94.38	BF80-../DPE13XA4	345	20300	68500	19	3750	2.5
14	5100	1.85	107.9	BF80-../DPE13XA4	345	22400	72300	16.5	4300	2.2
12	5900	1.6	122.4	BF80-../DPE13XA4	345	24500	75000	14.5	4900	1.95
10.5	6800	1.4	139.7	BF80-../DPE13XA4	345	26700	75000	13	5500	1.75
9.3	7700	1.25	158.5	BF80-../DPE13XA4	345	29000	75000	11.5	6200	1.55
8.0	8900	1.05	184.5	BF80-../DPE13XA4	345	31800	75000	9.6	7400	1.3
7.0	10200	0.93	209.4	BF80-../DPE13XA4	345	34300	75000	8.5	8400	1.15
6.2	11500	0.83	237.1	BF80-../DPE13XA4	345	36900	75000	7.5	9500	1.0
14	5100	3.3	107.5	BF90-../DPE13XA4	597	22300	86900	16.5	4300	3.9
12.5	5700	2.9	119.7	BF90-../DPE13XA4	597	24500	90800	15	4750	3.5
10.5	6800	2.5	139.1	BF90-../DPE13XA4	597	27700	96300	13	5500	3.1
9.5	7500	2.2	154.8	BF90-../DPE13XA4	597	30100	100800	11.5	6200	2.7
8.2	8700	1.95	178.6	BF90-../DPE13XA4	597	33400	106700	9.9	7200	2.3
7.4	9600	1.75	198.8	BF90-../DPE13XA4	597	36000	111300	8.9	8000	2.1
6.3	11300	1.5	232.6	BF90-../DPE13XA4	597	39900	118300	7.6	9400	1.8
5.7	12500	1.35	259.0	BF90-../DPE13XA4	597	42800	120000	6.8	10500	1.6
5.5	13000	1.4	269.8	BF90Z-../DPE13XA4	658	42800	120000	6.6	10800	1.7
4.9	14600	1.25	300.4	BF90Z-../DPE13XA4	658	42800	120000	5.9	12100	1.55
4.3	16600	1.1	343.6	BF90Z-../DPE13XA4	658	42800	120000	5.2	13700	1.35
3.9	18300	1.0	382.6	BF90Z-../DPE13XA4	658	42800	120000	4.7	15200	1.2

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 7.5 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
3.2	22300	0.83	456.7	BF90Z-../DPE13XA4	658	42800	120000	3.9	18300	1.0

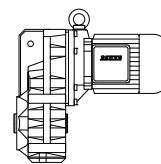
P = 9.5 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
275	325	1.55	5.38	BF50-../DPE16LB4	173	4500	-	330	270	1.85
191	475	1.2	7.71	BF50-../DPE16LB4	173	5100	-	230	390	1.45
138	650	1.05	10.68	BF50-../DPE16LB4	173	5600	-	166	540	1.25
101	890	0.89	14.65	BF50-../DPE16LB4	173	6100	-	121	740	1.05
89	1010	0.94	16.70	BF50-../DPE16LB4	173	6200	-	106	850	1.1
79	1140	0.88	18.68	BF50-../DPE16LB4	173	6400	-	95	950	1.05
285	315	2.4	5.22	BF60-../DPE16LB4	206	5200	14800	340	265	2.8
190	475	1.85	7.74	BF60-../DPE16LB4	206	6000	16900	230	390	2.2
143	630	1.6	10.31	BF60-../DPE16LB4	206	6500	18400	172	520	1.95
104	870	1.35	14.24	BF60-../DPE16LB4	206	7100	20000	125	720	1.65
87	1040	1.4	16.96	BF60-../DPE16LB4	206	7300	20600	105	860	1.7
79	1140	1.35	18.81	BF60-../DPE16LB4	206	7600	21500	95	950	1.6
66	1370	1.2	22.58	BF60-../DPE16LB4	206	8000	22600	79	1140	1.45
59	1530	1.15	25.05	BF60-../DPE16LB4	206	8200	23200	71	1270	1.35
47.5	1910	0.99	31.20	BF60-../DPE16LB4	206	8800	24900	57	1590	1.2
42.5	2100	0.95	34.62	BF60-../DPE16LB4	206	9100	25700	52	1740	1.15
35.5	2550	0.84	41.60	BF60-../DPE16LB4	206	9600	27100	43	2100	1.0
32	2800	0.8	46.16	BF60-../DPE16LB4	206	9900	28000	38.5	2350	0.95
60	1510	3.3	24.55	BF70-../DPE16LB4	289	7000	27700	73	1240	4.1
54	1680	3.1	27.29	BF70-../DPE16LB4	289	7000	28400	65	1390	3.7
46.5	1950	2.7	31.84	BF70-../DPE16LB4	289	7700	30000	56	1620	3.2
40	2250	2.3	36.88	BF70-../DPE16LB4	289	7900	31100	48	1890	2.8
34.5	2600	2.0	43.02	BF70-../DPE16LB4	289	8700	32800	41.5	2150	2.4
31	2900	1.8	47.82	BF70-../DPE16LB4	289	9100	34000	37.5	2400	2.2
26.5	3400	1.55	55.79	BF70-../DPE16LB4	289	10200	36000	32	2800	1.85
24	3750	1.4	61.94	BF70-../DPE16LB4	289	10800	37400	29	3100	1.7
20.5	4400	1.2	72.26	BF70-../DPE16LB4	289	12000	39600	24.5	3700	1.4
18	5000	1.05	81.82	BF70-../DPE16LB4	289	12800	41300	22	4100	1.25
15.5	5800	0.9	95.46	BF70-../DPE16LB4	289	14000	43700	19	4750	1.1
14	6400	0.81	105.2	BF70-../DPE16LB4	289	14700	45100	17	5300	0.98
31	2900	3.0	47.46	BF80-../DPE16LB4	385	13400	53700	37.5	2400	3.6
27.5	3250	2.8	53.86	BF80-../DPE16LB4	385	14000	55800	33	2700	3.3
24	3750	2.5	61.55	BF80-../DPE16LB4	385	14800	58100	29	3100	3.0
21.5	4200	2.3	69.86	BF80-../DPE16LB4	385	15900	60600	25.5	3550	2.7
18	5000	1.9	83.16	BF80-../DPE16LB4	385	18400	65100	21.5	4200	2.3
16	5600	1.7	94.38	BF80-../DPE16LB4	385	20300	68500	19	4750	2.0
14	6400	1.5	107.9	BF80-../DPE16LB4	385	22400	72300	16.5	5400	1.75
12.5	7200	1.3	122.4	BF80-../DPE16LB4	385	24500	75000	14.5	6200	1.55
11	8200	1.15	139.7	BF80-../DPE16LB4	385	26700	75000	13	6900	1.4
9.3	9700	0.98	158.5	BF80-../DPE16LB4	385	29000	75000	11.5	7800	1.2
8.0	11300	0.84	184.5	BF80-../DPE16LB4	385	31800	75000	9.6	9400	1.0
16.5	5400	3.1	90.02	BF90-../DPE16LB4	632	18900	80600	20	4500	3.7
14	6400	2.6	107.5	BF90-../DPE16LB4	632	22300	86900	16.5	5400	3.1
12.5	7200	2.3	119.7	BF90-../DPE16LB4	632	24500	90800	15	6000	2.8
11	8200	2.0	139.1	BF90-../DPE16LB4	632	27700	96300	13	6900	2.4

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 9.5 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
9.5	9500	1.75	154.8	BF90-../DPE16LB4	632	30100	100800	11.5	7800	2.2
8.3	10900	1.55	178.6	BF90-../DPE16LB4	632	33400	106700	10	9000	1.85
7.4	12200	1.4	198.8	BF90-../DPE16LB4	632	36000	111300	9.0	10000	1.7
6.4	14100	1.2	232.6	BF90-../DPE16LB4	632	39900	118300	7.7	11700	1.45
5.7	15900	1.05	259.0	BF90-../DPE16LB4	632	42800	120000	6.9	13100	1.3
5.5	16400	1.15	269.8	BF90Z-../DPE16LB4	694	42800	120000	6.6	13700	1.35
4.9	18500	1.0	300.4	BF90Z-../DPE16LB4	694	42800	120000	5.9	15300	1.2
4.3	21000	0.88	343.6	BF90Z-../DPE16LB4	694	42800	120000	5.2	17400	1.05
3.9	23200	0.8	382.6	BF90Z-../DPE16LB4	694	42800	120000	4.7	19300	0.96

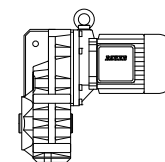
P = 11 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
275	380	1.3	5.38	BF50-../DPE16LB4	173	4500	-	330	315	1.6
191	550	1.05	7.71	BF50-../DPE16LB4	173	5100	-	230	455	1.25
138	760	0.89	10.68	BF50-../DPE16LB4	173	5600	-	166	630	1.05
89	1180	0.81	16.70	BF50-../DPE16LB4	173	6200	-	106	990	0.96
285	365	2.1	5.22	BF60-../DPE16LB4	206	5200	14800	340	305	2.5
190	550	1.6	7.74	BF60-../DPE16LB4	206	6000	16900	230	455	1.9
143	730	1.4	10.31	BF60-../DPE16LB4	206	6500	18400	172	610	1.65
104	1010	1.2	14.24	BF60-../DPE16LB4	206	7100	20000	125	840	1.4
87	1200	1.2	16.96	BF60-../DPE16LB4	206	7300	20600	105	1000	1.45
79	1320	1.15	18.81	BF60-../DPE16LB4	206	7600	21500	95	1100	1.4
66	1590	1.05	22.58	BF60-../DPE16LB4	206	8000	22600	79	1320	1.25
59	1780	0.97	25.05	BF60-../DPE16LB4	206	8200	23200	71	1470	1.2
47.5	2200	0.86	31.20	BF60-../DPE16LB4	206	8800	24900	57	1840	1.05
42.5	2450	0.81	34.62	BF60-../DPE16LB4	206	9100	25700	52	2000	0.99
70	1500	3.1	21.04	BF70-../DPE16LB4	289	6400	26300	85	1230	3.7
60	1750	2.9	24.55	BF70-../DPE16LB4	289	7000	27700	73	1430	3.5
54	1940	2.7	27.29	BF70-../DPE16LB4	289	7000	28400	65	1610	3.2
46.5	2250	2.3	31.84	BF70-../DPE16LB4	289	7700	30000	56	1870	2.8
40	2600	2.0	36.88	BF70-../DPE16LB4	289	7900	31100	48	2150	2.4
34.5	3000	1.75	43.02	BF70-../DPE16LB4	289	8700	32800	41.5	2500	2.1
31	3350	1.55	47.82	BF70-../DPE16LB4	289	9100	34000	37.5	2800	1.85
26.5	3950	1.3	55.79	BF70-../DPE16LB4	289	10200	36000	32	3250	1.6
24	4350	1.2	61.94	BF70-../DPE16LB4	289	10800	37400	29	3600	1.45
20.5	5100	1.0	72.26	BF70-../DPE16LB4	289	12000	39600	24.5	4250	1.2
18	5800	0.9	81.82	BF70-../DPE16LB4	289	12800	41300	22	4750	1.1
44	2350	3.3	33.61	BF80-../DPE16LB4	385	11700	48400	53	1980	3.9
39	2650	3.0	38.14	BF80-../DPE16LB4	385	12200	50300	46.5	2250	3.6
31	3350	2.6	47.46	BF80-../DPE16LB4	385	13400	53700	37.5	2800	3.1
27.5	3800	2.4	53.86	BF80-../DPE16LB4	385	14000	55800	33	3150	2.8
24	4350	2.1	61.55	BF80-../DPE16LB4	385	14800	58100	29	3600	2.6
21.5	4850	1.95	69.86	BF80-../DPE16LB4	385	15900	60600	25.5	4100	2.3
18	5800	1.65	83.16	BF80-../DPE16LB4	385	18400	65100	21.5	4850	1.95
16	6500	1.45	94.38	BF80-../DPE16LB4	385	20300	68500	19	5500	1.75
14	7500	1.25	107.9	BF80-../DPE16LB4	385	22400	72300	16.5	6300	1.5
12.5	8400	1.15	122.4	BF80-../DPE16LB4	385	24500	75000	14.5	7200	1.3
11	9500	1.0	139.7	BF80-../DPE16LB4	385	26700	75000	13	8000	1.2
9.3	11200	0.85	158.5	BF80-../DPE16LB4	385	29000	75000	11.5	9100	1.05

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 11 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
21	5000	3.2	70.69	BF90-../DPE16LB4	632	16800	74700	25.5	4100	3.9
18.5	5600	3.0	80.85	BF90-../DPE16LB4	632	17500	77500	22	4750	3.5
16.5	6300	2.7	90.02	BF90-../DPE16LB4	632	18900	80600	20	5200	3.2
14	7500	2.2	107.5	BF90-../DPE16LB4	632	22300	86900	16.5	6300	2.7
12.5	8400	2.0	119.7	BF90-../DPE16LB4	632	24500	90800	15	7000	2.4
11	9500	1.75	139.1	BF90-../DPE16LB4	632	27700	96300	13	8000	2.1
9.5	11000	1.55	154.8	BF90-../DPE16LB4	632	30100	100800	11.5	9100	1.85
8.3	12600	1.35	178.6	BF90-../DPE16LB4	632	33400	106700	10	10500	1.6
7.4	14100	1.2	198.8	BF90-../DPE16LB4	632	36000	111300	9.0	11600	1.45
6.4	16400	1.0	232.6	BF90-../DPE16LB4	632	39900	118300	7.7	13600	1.25
5.7	18400	0.91	259.0	BF90-../DPE16LB4	632	42800	120000	6.9	15200	1.1
5.5	19100	0.97	269.8	BF90Z-../DPE16LB4	694	42800	120000	6.6	15900	1.15
4.9	21400	0.86	300.4	BF90Z-../DPE16LB4	694	42800	120000	5.9	17800	1.05

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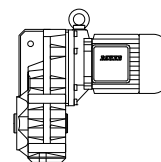
P = 15 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
275	520	0.96	5.38	BF50-../DPE16XB4	183	4500	-	330	430	1.15
285	500	1.5	5.22	BF60-../DPE16XB4	216	5200	14800	340	420	1.8
190	750	1.15	7.74	BF60-../DPE16XB4	216	6000	16900	230	620	1.4
143	1000	1.0	10.31	BF60-../DPE16XB4	216	6500	18400	172	830	1.2
104	1370	0.87	14.24	BF60-../DPE16XB4	216	7100	20000	125	1140	1.05
87	1640	0.88	16.96	BF60-../DPE16XB4	216	7300	20600	105	1360	1.05
79	1810	0.84	18.81	BF60-../DPE16XB4	216	7600	21500	95	1500	1.0
99	1440	2.5	14.90	BF70-../DPE16XB4	299	5900	24000	119	1200	3.0
85	1680	2.5	17.39	BF70-../DPE16XB4	299	6200	25000	102	1400	3.0
70	2000	2.3	21.04	BF70-../DPE16XB4	299	6400	26300	85	1680	2.7
60	2350	2.1	24.55	BF70-../DPE16XB4	299	7000	27700	73	1960	2.6
54	2650	1.95	27.29	BF70-../DPE16XB4	299	7000	28400	65	2200	2.4
46.5	3050	1.7	31.84	BF70-../DPE16XB4	299	7700	30000	56	2550	2.0
40	3550	1.45	36.88	BF70-../DPE16XB4	299	7900	31100	48	2950	1.75
34.5	4150	1.25	43.02	BF70-../DPE16XB4	299	8700	32800	41.5	3450	1.5
31	4600	1.15	47.82	BF70-../DPE16XB4	299	9100	34000	37.5	3800	1.35
26.5	5400	0.96	55.79	BF70-../DPE16XB4	299	10200	36000	32	4450	1.15
24	5900	0.88	61.94	BF70-../DPE16XB4	299	10800	37400	29	4900	1.05
90	1590	3.3	16.49	BF80-../DPE16XB4	395	11400	41400	108	1320	4.0
64	2200	2.9	23.29	BF80-../DPE16XB4	395	11800	44900	76	1880	3.4
49	2900	2.5	30.21	BF80-../DPE16XB4	395	12300	47900	59	2400	3.0
44	3250	2.4	33.61	BF80-../DPE16XB4	395	11700	48400	53	2700	2.9
39	3650	2.2	38.14	BF80-../DPE16XB4	395	12200	50300	46.5	3050	2.6
31	4600	1.85	47.46	BF80-../DPE16XB4	395	13400	53700	37.5	3800	2.3
27.5	5200	1.7	53.86	BF80-../DPE16XB4	395	14000	55800	33	4300	2.1
24	5900	1.6	61.55	BF80-../DPE16XB4	395	14800	58100	29	4900	1.9
21.5	6600	1.45	69.86	BF80-../DPE16XB4	395	15900	60600	25.5	5600	1.7
18	7900	1.2	83.16	BF80-../DPE16XB4	395	18400	65100	21.5	6600	1.45
16	8900	1.05	94.38	BF80-../DPE16XB4	395	20300	68500	19	7500	1.25
14	10200	0.93	107.9	BF80-../DPE16XB4	395	22400	72300	16.5	8600	1.1
12.5	11400	0.83	122.4	BF80-../DPE16XB4	395	24500	75000	14.5	9800	0.97

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 15 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
32	4450	3.2	46.43	BF90-../DPE16XB4	642	13800	65500	38.5	3700	3.8
28.5	5000	2.9	51.70	BF90-../DPE16XB4	642	14600	67800	34.5	4150	3.5
23.5	6000	2.6	63.49	BF90-../DPE16XB4	642	15800	72000	28	5100	3.0
21	6800	2.3	70.69	BF90-../DPE16XB4	642	16800	74700	25.5	5600	2.8
18.5	7700	2.1	80.85	BF90-../DPE16XB4	642	17500	77500	22	6500	2.5
16.5	8600	1.95	90.02	BF90-../DPE16XB4	642	18900	80600	20	7100	2.4
14	10200	1.65	107.5	BF90-../DPE16XB4	642	22300	86900	16.5	8600	1.95
12.5	11400	1.45	119.7	BF90-../DPE16XB4	642	24500	90800	15	9500	1.75
11	13000	1.3	139.1	BF90-../DPE16XB4	642	27700	96300	13	11000	1.55
9.5	15000	1.1	154.8	BF90-../DPE16XB4	642	30100	100800	11.5	12400	1.35
8.3	17200	0.98	178.6	BF90-../DPE16XB4	642	33400	106700	10	14300	1.15
7.4	19300	0.87	198.8	BF90-../DPE16XB4	642	36000	111300	9.0	15900	1.05

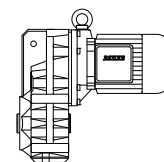
P = 18.5 kW

50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
285	610	1.25	5.22	BF60-../DPE18LB4	263	5200	14800	340	510	1.5
190	920	0.94	7.74	BF60-../DPE18LB4	263	6000	16900	230	760	1.15
143	1230	0.82	10.31	BF60-../DPE18LB4	263	6500	18400	172	1020	0.99
143	1230	2.0	10.32	BF70-../DPE18LB4	340	4600	18700	172	1020	2.5
123	1430	2.1	12.04	BF70-../DPE18LB4	340	4900	19700	148	1190	2.5
99	1780	2.1	14.90	BF70-../DPE18LB4	340	5900	24000	119	1480	2.5
85	2050	2.1	17.39	BF70-../DPE18LB4	340	6200	25000	102	1730	2.5
70	2500	1.85	21.04	BF70-../DPE18LB4	340	6400	26300	85	2050	2.2
60	2900	1.75	24.55	BF70-../DPE18LB4	340	7000	27700	73	2400	2.1
54	3250	1.6	27.29	BF70-../DPE18LB4	340	7000	28400	65	2700	1.95
46.5	3750	1.4	31.84	BF70-../DPE18LB4	340	7700	30000	56	3150	1.65
40	4400	1.2	36.88	BF70-../DPE18LB4	340	7900	31100	48	3650	1.4
34.5	5100	1.0	43.02	BF70-../DPE18LB4	340	8700	32800	41.5	4250	1.2
31	5600	0.93	47.82	BF70-../DPE18LB4	340	9100	34000	37.5	4700	1.1
129	1360	2.7	11.42	BF80-../DPE18LB4	436	8900	32200	155	1130	3.2
90	1960	2.7	16.49	BF80-../DPE18LB4	436	11400	41400	108	1630	3.3
64	2750	2.3	23.29	BF80-../DPE18LB4	436	11800	44900	76	2300	2.7
49	3600	2.0	30.21	BF80-../DPE18LB4	436	12300	47900	59	2950	2.4
44	4000	1.95	33.61	BF80-../DPE18LB4	436	11700	48400	53	3300	2.4
39	4500	1.8	38.14	BF80-../DPE18LB4	436	12200	50300	46.5	3750	2.2
31	5600	1.55	47.46	BF80-../DPE18LB4	436	13400	53700	37.5	4700	1.85
27.5	6400	1.4	53.86	BF80-../DPE18LB4	436	14000	55800	33	5300	1.7
24	7300	1.25	61.55	BF80-../DPE18LB4	436	14800	58100	29	6000	1.55
21.5	8200	1.15	69.86	BF80-../DPE18LB4	436	15900	60600	25.5	6900	1.4
18	9800	0.97	83.16	BF80-../DPE18LB4	436	18400	65100	21.5	8200	1.15
16	11000	0.86	94.38	BF80-../DPE18LB4	436	20300	68500	19	9200	1.05
44	4000	3.2	33.71	BF90-../DPE18LB4	688	11900	59300	53	3300	3.9
39.5	4450	3.0	37.54	BF90-../DPE18LB4	688	12700	61500	47.5	3700	3.6
32	5500	2.6	46.43	BF90-../DPE18LB4	688	13800	65500	38.5	4550	3.1
28.5	6100	2.4	51.70	BF90-../DPE18LB4	688	14600	67800	34.5	5100	2.8
23.5	7500	2.1	63.49	BF90-../DPE18LB4	688	15800	72000	28	6300	2.4
21	8400	1.9	70.69	BF90-../DPE18LB4	688	16800	74700	25.5	6900	2.3
18.5	9500	1.75	80.85	BF90-../DPE18LB4	688	17500	77500	22	8000	2.1
16.5	10700	1.55	90.02	BF90-../DPE18LB4	688	18900	80600	20	8800	1.9
14	12600	1.35	107.5	BF90-../DPE18LB4	688	22300	86900	16.5	10700	1.55

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 18.5 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
12.5	14100	1.2	119.7	BF90-../DPE18LB4	688	24500	90800	15	11700	1.45
11	16000	1.05	139.1	BF90-../DPE18LB4	688	27700	96300	13	13500	1.25
9.5	18500	0.91	154.8	BF90-../DPE18LB4	688	30100	100800	11.5	15300	1.1

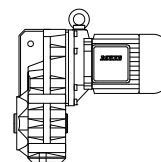
P = 22 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
143	1460	1.7	10.32	BF70-../DPE18XB4	358	4600	18700	172	1220	2.1
123	1700	1.75	12.04	BF70-../DPE18XB4	358	4900	19700	148	1410	2.1
99	2100	1.75	14.90	BF70-../DPE18XB4	358	5900	24000	119	1760	2.1
85	2450	1.75	17.39	BF70-../DPE18XB4	358	6200	25000	102	2050	2.1
70	3000	1.55	21.04	BF70-../DPE18XB4	358	6400	26300	85	2450	1.9
60	3500	1.45	24.55	BF70-../DPE18XB4	358	7000	27700	73	2850	1.75
54	3850	1.35	27.29	BF70-../DPE18XB4	358	7000	28400	65	3200	1.65
46.5	4500	1.15	31.84	BF70-../DPE18XB4	358	7700	30000	56	3750	1.4
40	5200	1.0	36.88	BF70-../DPE18XB4	358	7900	31100	48	4350	1.2
34.5	6000	0.87	43.02	BF70-../DPE18XB4	358	8700	32800	41.5	5000	1.05
129	1620	2.3	11.42	BF80-../DPE18XB4	454	8900	32200	155	1350	2.7
90	2300	2.3	16.49	BF80-../DPE18XB4	454	11400	41400	108	1940	2.7
64	3250	1.95	23.29	BF80-../DPE18XB4	454	11800	44900	76	2750	2.3
49	4250	1.65	30.21	BF80-../DPE18XB4	454	12300	47900	59	3550	2.0
44	4750	1.65	33.61	BF80-../DPE18XB4	454	11700	48400	53	3950	1.95
39	5300	1.5	38.14	BF80-../DPE18XB4	454	12200	50300	46.5	4500	1.8
31	6700	1.3	47.46	BF80-../DPE18XB4	454	13400	53700	37.5	5600	1.55
27.5	7600	1.2	53.86	BF80-../DPE18XB4	454	14000	55800	33	6300	1.4
24	8700	1.05	61.55	BF80-../DPE18XB4	454	14800	58100	29	7200	1.3
21.5	9700	0.98	69.86	BF80-../DPE18XB4	454	15900	60600	25.5	8200	1.15
18	11600	0.82	83.16	BF80-../DPE18XB4	454	18400	65100	21.5	9700	0.98
44	4750	2.7	33.71	BF90-../DPE18XB4	706	11900	59300	53	3950	3.3
39.5	5300	2.5	37.54	BF90-../DPE18XB4	706	12700	61500	47.5	4400	3.0
32	6500	2.2	46.43	BF90-../DPE18XB4	706	13800	65500	38.5	5400	2.6
28.5	7300	2.0	51.70	BF90-../DPE18XB4	706	14600	67800	34.5	6000	2.4
23.5	8900	1.75	63.49	BF90-../DPE18XB4	706	15800	72000	28	7500	2.1
21	10000	1.6	70.69	BF90-../DPE18XB4	706	16800	74700	25.5	8200	1.95
18.5	11300	1.45	80.85	BF90-../DPE18XB4	706	17500	77500	22	9500	1.75
16.5	12700	1.3	90.02	BF90-../DPE18XB4	706	18900	80600	20	10500	1.6
14	15000	1.1	107.5	BF90-../DPE18XB4	706	22300	86900	16.5	12700	1.3
12.5	16800	1.0	119.7	BF90-../DPE18XB4	706	24500	90800	15	14000	1.2
11	19100	0.88	139.1	BF90-../DPE18XB4	706	27700	96300	13	16100	1.05

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors



P = 30 kW

50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
144	1980	1.25	10.32	BF70-../DPE20LA4	513	4600	18700	174	1640	1.55
123	2300	1.3	12.04	BF70-../DPE20LA4	513	4900	19700	149	1920	1.55
100	2850	1.3	14.90	BF70-../DPE20LA4	513	5900	24000	121	2350	1.55
86	3300	1.3	17.39	BF70-../DPE20LA4	513	6200	25000	103	2750	1.55
71	4000	1.15	21.04	BF70-../DPE20LA4	513	6400	26300	86	3300	1.4
61	4650	1.1	24.55	BF70-../DPE20LA4	513	7000	27700	73	3900	1.3
55	5200	1.0	27.29	BF70-../DPE20LA4	513	7000	28400	66	4300	1.2
46.5	6100	0.85	31.84	BF70-../DPE20LA4	513	7700	30000	57	5000	1.05
130	2200	1.65	11.42	BF80-../DPE20LA4	609	8900	32200	157	1820	2.0
90	3150	1.7	16.49	BF80-../DPE20LA4	609	11400	41400	109	2600	2.0
64	4450	1.4	23.29	BF80-../DPE20LA4	609	11800	44900	77	3700	1.7
49	5800	1.25	30.21	BF80-../DPE20LA4	609	12300	47900	60	4750	1.5
44.5	6400	1.2	33.61	BF80-../DPE20LA4	609	11700	48400	54	5300	1.45
39	7300	1.1	38.14	BF80-../DPE20LA4	609	12200	50300	47	6000	1.35
31.5	9000	0.96	47.46	BF80-../DPE20LA4	609	13400	53700	38	7500	1.15
27.5	10400	0.86	53.86	BF80-../DPE20LA4	609	14000	55800	33.5	8500	1.05
24.5	11600	0.8	61.55	BF80-../DPE20LA4	609	14800	58100	29.5	9700	0.96
119	2400	3.0	12.45	BF90-../DPE20LA4	859	8000	39700	144	1980	3.6
86	3300	3.1	17.39	BF90-../DPE20LA4	859	10000	49500	103	2750	3.7
62	4600	2.4	23.95	BF90-../DPE20LA4	859	11100	54300	75	3800	3.0
44	6500	2.0	33.71	BF90-../DPE20LA4	859	11900	59300	54	5300	2.4
39.5	7200	1.85	37.54	BF90-../DPE20LA4	859	12700	61500	48	5900	2.2
32	8900	1.6	46.43	BF90-../DPE20LA4	859	13800	65500	39	7300	1.95
29	9800	1.45	51.70	BF90-../DPE20LA4	859	14600	67800	35	8100	1.8
23.5	12100	1.25	63.49	BF90-../DPE20LA4	859	15800	72000	28.5	10000	1.55
21	13600	1.15	70.69	BF90-../DPE20LA4	859	16800	74700	25.5	11200	1.4
18.5	15400	1.05	80.85	BF90-../DPE20LA4	859	17500	77500	22.5	12700	1.3
16.5	17300	0.97	90.02	BF90-../DPE20LA4	859	18900	80600	20	14300	1.15
14	20400	0.82	107.5	BF90-../DPE20LA4	859	22300	86900	17	16800	1.0

P = 37 kW

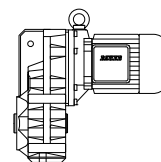
50 Hz			i	Type	m	F _{RN}	F _{RV}	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
144	2450	1.05	10.32	BF70-../DPE22SA4	512	4600	18700	174	2000	1.25
123	2850	1.05	12.04	BF70-../DPE22SA4	512	4900	19700	149	2350	1.25
100	3500	1.05	14.90	BF70-../DPE22SA4	512	5900	24000	121	2900	1.25
86	4100	1.05	17.39	BF70-../DPE22SA4	512	6200	25000	103	3400	1.25
130	2700	1.35	11.42	BF80-../DPE22SA4	608	8900	32200	157	2250	1.65
90	3900	1.35	16.49	BF80-../DPE22SA4	608	11400	41400	109	3200	1.65
64	5500	1.15	23.29	BF80-../DPE22SA4	608	11800	44900	77	4550	1.4
119	2950	2.4	12.45	BF90-../DPE22SA4	858	8000	39700	144	2450	2.9
86	4100	2.5	17.39	BF90-../DPE22SA4	858	10000	49500	103	3400	3.0
62	5600	2.0	23.95	BF90-../DPE22SA4	858	11100	54300	75	4700	2.4
44	8000	1.6	33.71	BF90-../DPE22SA4	858	11900	59300	54	6500	2.0
39.5	8900	1.5	37.54	BF90-../DPE22SA4	858	12700	61500	48	7300	1.8
32	11000	1.3	46.43	BF90-../DPE22SA4	858	13800	65500	39	9000	1.55
29	12100	1.2	51.70	BF90-../DPE22SA4	858	14600	67800	35	10000	1.45
23.5	15000	1.05	63.49	BF90-../DPE22SA4	858	15800	72000	28.5	12300	1.25

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

BF-series shaft-mounted geared motors

Selection - shaft-mounted geared motors

P = 45 kW



50 Hz			i	Type	m kg	F _{RN} N	F _{RV} N	60 Hz		
n ₂ 1/min	M ₂ Nm	f _B						n ₂ 1/min	M ₂ Nm	f _B
130	3300	1.1	11.42	BF80-../DPE22MA4	665	8900	32200	157	2700	1.35
90	4750	1.1	16.49	BF80-../DPE22MA4	665	11400	41400	109	3900	1.35
119	3600	2.0	12.45	BF90-../DPE22MA4	915	8000	39700	144	2950	2.4
86	4950	2.0	17.39	BF90-../DPE22MA4	915	10000	49500	103	4150	2.4
62	6900	1.65	23.95	BF90-../DPE22MA4	915	11100	54300	75	5700	1.95
44	9700	1.35	33.71	BF90-../DPE22MA4	915	11900	59300	54	7900	1.65
39.5	10800	1.2	37.54	BF90-../DPE22MA4	915	12700	61500	48	8900	1.5
32	13400	1.05	46.43	BF90-../DPE22MA4	915	13800	65500	39	11000	1.3

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