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BF-series shaft-mounted geared motors - Selection

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Energy Efficient Geared Motors

AC Line Operated / North America

7

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 $f_B = f_2 = 1.5$

BF-series shaft-mounted geared motors

Description of shaft-mounted gear units

Explanation of shock classification

Shock classification I:

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

- $FI \leq 1.3$
- $M_x/M_N \leq 1.0$
- Shock-absorbing power transmission components (e.g. highly resilient, zero-play coupling, $\varphi N \geq 5^\circ$)

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)

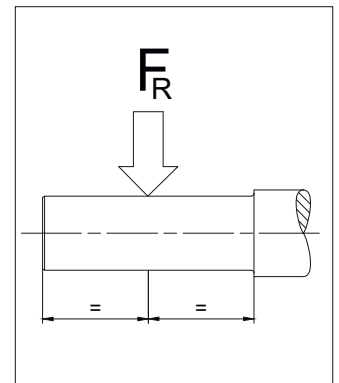
Key to abbreviations

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“).

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

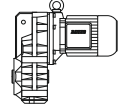
Motor power overload protection

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

0.075 HP (0.055 kW)



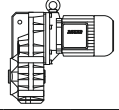
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
0.075 HP (0.055 kW)	11	5.1	420	47.5	BF10Z-../D04LA4	151.2	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	9.8	4.5	469	53	BF10Z-../D04LA4	166.2	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	9.0	4.1	513	58	BF10Z-../D04LA4	180.1	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	8.2	3.8	566	64	BF10Z-../D04LA4	198.0	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	7.6	3.5	611	69	BF10Z-../D04LA4	214.5	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	6.9	3.2	673	76	BF10Z-../D04LA4	235.8	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	6.3	2.9	735	83	BF10Z-../D04LA4	257.4	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	5.8	2.7	797	90	BF10Z-../D04LA4	283.1	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	5.0	2.3	929	105	BF10Z-../D04LA4	324.3	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	4.6	2.1	1009	114	BF10Z-../D04LA4	356.6	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	4.3	1.95	1080	122	BF10Z-../D04LA4	380.2	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	3.9	1.8	1186	134	BF10Z-../D04LA4	418.0	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	3.9	3.1	1186	134	BF20Z-../D04LA4	418.1	1776	7900	-	-	62	28
0.075 HP (0.055 kW)	3.6	2.9	1283	145	BF20Z-../D04LA4	460.0	1776	7900	-	-	62	28
0.075 HP (0.055 kW)	3.5	1.6	1328	150	BF10Z-../D04LA4	469.5	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	3.1	1.4	1496	169	BF10Z-../D04LA4	539.1	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	2.8	1.3	1655	187	BF10Z-../D04LA4	592.8	1439	6400	-	-	46	21
0.075 HP (0.055 kW)	2.6	1.85	1230	139	BF10G06-../D04LA4	643.8	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	2.3	2.7	1496	169	BF20G06-../D04LA4	736.1	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	2.2	1.5	1558	176	BF10G06-../D04LA4	768.2	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	2.0	1.35	1717	194	BF10G06-../D04LA4	845.1	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	2.0	2.3	1744	197	BF20G06-../D04LA4	810.0	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	2.0	3.2	1735	196	BF30G06-../D04LA4	817.1	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	1.8	2.1	1947	220	BF20G06-../D04LA4	952.7	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	1.7	1.1	2080	235	BF10G06-../D04LA4	994.0	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	1.7	2.7	2080	235	BF30G06-../D04LA4	961.1	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	1.5	1.7	2390	270	BF20G06-../D04LA4	1140	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	1.5	2.3	2390	270	BF30G06-../D04LA4	1150	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	1.4	0.88	2611	295	BF10G06-../D04LA4	1190	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	1.3	1.95	2832	320	BF30G06-../D04LA4	1286	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	1.2	1.0	2301*	260*	BF10G06-../D04LA4	1452	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	1.2	1.3	3098	350	BF20G06-../D04LA4	1392	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	1.2	1.8	3098	350	BF30G06-../D04LA4	1404	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	1.1	1.2	3452	390	BF20G06-../D04LA4	1533	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	1.0	1.45	3806	430	BF30G06-../D04LA4	1686	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.95	1.0	2301*	260*	BF10G06-../D04LA4	1744	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.95	1.0	4071*	460*	BF20G06-../D04LA4	1764	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.8	1.0	2301*	260*	BF10G06-../D04LA4	2096	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.8	1.15	4956	560	BF30G06-../D04LA4	2026	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.75	1.0	4071*	460*	BF20G06-../D04LA4	2192	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.7	1.0	2301*	260*	BF10G06-../D04LA4	2467	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.7	1.0	5576*	630*	BF30G06-../D04LA4	2386	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.65	1.0	4071*	460*	BF20G06-../D04LA4	2579	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.6	1.0	4071*	460*	BF20G06-../D04LA4	2829	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.6	1.0	5576*	630*	BF30G06-../D04LA4	2854	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.55	1.0	2301*	260*	BF10G06-../D04LA4	3220	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.55	1.0	4071*	460*	BF20G06-../D04LA4	3086	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.47	1.0	5576*	630*	BF30G06-../D04LA4	3493	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.43	1.0	4071*	460*	BF20G06-../D04LA4	3778	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.43	1.0	5576*	630*	BF30G06-../D04LA4	3811	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.42	1.0	2301*	260*	BF10G06-../D04LA4	3942	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.37	1.0	4071*	460*	BF20G06-../D04LA4	4379	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.37	1.0	5576*	630*	BF30G06-../D04LA4	4417	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.36	1.0	2301*	260*	BF10G06-../D04LA4	4569	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.33	1.0	5576*	630*	BF30G06-../D04LA4	5060	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.3	1.0	4071*	460*	BF20G06-../D04LA4	5471	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.29	1.0	2301*	260*	BF10G06-../D04LA4	5709	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.26	1.0	5576*	630*	BF30G06-../D04LA4	6333	1664	7400	-	-	90	41

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

BF-series shaft-mounted geared motors

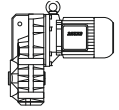
Selection - shaft-mounted geared motors

0.075 HP (0.055 kW)



P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb. f	N	lb. f	N	lb	kg
0.075 HP (0.055 kW)	0.25	1.0	2301*	260*	BF10G06-../D04LA4	6550	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.24	1.0	4071*	460*	BF20G06-../D04LA4	6847	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.23	1.0	2301*	260*	BF10G06-../D04LA4	7144	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.23	1.0	5576*	630*	BF30G06-../D04LA4	7206	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.21	1.0	5576*	630*	BF30G06-../D04LA4	7861	1664	7400	-	-	90	41
0.075 HP (0.055 kW)	0.2	1.0	4071*	460*	BF20G06-../D04LA4	8320	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.19	1.0	2301*	260*	BF10G06-../D04LA4	8681	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.18	1.0	2301*	260*	BF10G06-../D04LA4	9471	1439	6400	-	-	55	25
0.075 HP (0.055 kW)	0.18	1.0	4071*	460*	BF20G06-../D04LA4	9077	1776	7900	-	-	68	31
0.075 HP (0.055 kW)	0.18	1.0	5576*	630*	BF30G06-../D04LA4	9157	1664	7400	-	-	90	41

0.1 HP (0.075 kW)



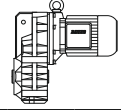
P _N			Output Torque				Permissible Overhung Load					Weight	
							Standard Bearings		Reinforced Bearings				
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg	
0.1 HP (0.075 kW)	29	9.8	217	24.5	BF10-../D06LA4	56.39	1023	4550	-	-	51	23	
0.1 HP (0.075 kW)	26.5	8.9	239	27	BF10-../D06LA4	61.55	1057	4700	-	-	51	23	
0.1 HP (0.075 kW)	24	8.1	261	29.5	BF10-../D06LA4	67.69	1102	4900	-	-	51	23	
0.1 HP (0.075 kW)	21	7.1	301	34	BF10-../D06LA4	77.55	1147	5100	-	-	51	23	
0.1 HP (0.075 kW)	19	6.4	332	37.5	BF10-../D06LA4	85.27	1191	5300	-	-	51	23	
0.1 HP (0.075 kW)	18	6.1	350	39.5	BF10-../D06LA4	90.91	1214	5400	-	-	51	23	
0.1 HP (0.075 kW)	16.5	5.6	381	43	BF10-../D06LA4	99.97	1259	5600	-	-	51	23	
0.1 HP (0.075 kW)	14.5	4.9	434	49	BF10-../D06LA4	112.3	1326	5900	-	-	51	23	
0.1 HP (0.075 kW)	13	4.4	487	55	BF10-../D06LA4	128.9	1394	6200	-	-	51	23	
0.1 HP (0.075 kW)	11.5	3.9	549	62	BF10-../D06LA4	141.8	1439	6400	-	-	51	23	
0.1 HP (0.075 kW)	9.8	3.3	646	73	BF10Z-../D06LA4	166.2	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	9.0	3.0	699	79	BF10Z-../D06LA4	180.1	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	8.2	2.8	770	87	BF10Z-../D06LA4	198.0	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	7.6	2.6	832	94	BF10Z-../D06LA4	214.5	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	6.9	2.3	912	103	BF10Z-../D06LA4	235.8	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	6.3	2.1	1000	113	BF10Z-../D06LA4	257.4	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	5.8	1.95	1089	123	BF10Z-../D06LA4	283.1	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	5.5	3.2	1151	130	BF20Z-../D06LA4	295.5	1776	7900	-	-	68	31	
0.1 HP (0.075 kW)	5.0	1.7	1266	143	BF10Z-../D06LA4	324.3	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	5.0	2.9	1266	143	BF20Z-../D06LA4	325.2	1776	7900	-	-	68	31	
0.1 HP (0.075 kW)	4.8	2.8	1319	149	BF20Z-../D06LA4	339.1	1776	7900	-	-	68	31	
0.1 HP (0.075 kW)	4.6	1.55	1372	155	BF10Z-../D06LA4	356.6	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	4.4	2.6	1434	162	BF20Z-../D06LA4	373.1	1776	7900	-	-	68	31	
0.1 HP (0.075 kW)	4.3	1.45	1469	166	BF10Z-../D06LA4	380.2	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	4.0	3.2	1584	179	BF30Z-../D06LA4	412.6	1664	7400	-	-	93	42	
0.1 HP (0.075 kW)	3.9	1.3	1620	183	BF10Z-../D06LA4	418.0	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	3.9	2.3	1620	183	BF20Z-../D06LA4	418.1	1776	7900	-	-	68	31	
0.1 HP (0.075 kW)	3.6	2.1	1752	198	BF20Z-../D06LA4	460.0	1776	7900	-	-	68	31	
0.1 HP (0.075 kW)	3.5	1.2	1770	200	BF10Z-../D06LA4	469.5	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	3.5	2.9	1770	200	BF30Z-../D06LA4	463.3	1664	7400	-	-	93	42	
0.1 HP (0.075 kW)	3.2	2.7	1496	169	BF20G06-../D06LA4	513.7	1776	7900	-	-	75	34	
0.1 HP (0.075 kW)	3.1	1.05	2036	230	BF10Z-../D06LA4	539.1	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	3.1	2.5	2036	230	BF30Z-../D06LA4	537.0	1664	7400	-	-	93	42	
0.1 HP (0.075 kW)	2.8	0.94	2257	255	BF10Z-../D06LA4	592.8	1439	6400	-	-	53	24	
0.1 HP (0.075 kW)	2.8	2.3	2257	255	BF30Z-../D06LA4	590.7	1664	7400	-	-	93	42	
0.1 HP (0.075 kW)	2.7	2.2	1814	205	BF20G06-../D06LA4	617.0	1776	7900	-	-	75	34	
0.1 HP (0.075 kW)	2.7	3.2	1770	200	BF30G06-../D06LA4	622.4	1664	7400	-	-	99	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

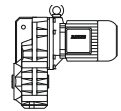
0.1 HP (0.075 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
0.1 HP (0.075 kW)	2.6	1.25	1859	210	BF10G06-../D06LA4	643.8	1439	6400	-	-	62	28
0.1 HP (0.075 kW)	2.3	1.85	2213	250	BF20G06-../D06LA4	736.1	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	2.3	2.5	2213	250	BF30G06-../D06LA4	705.1	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	2.2	1.0	2301	260	BF10G06-../D06LA4	768.2	1439	6400	-	-	62	28
0.1 HP (0.075 kW)	2.0	0.9	2567	290	BF10G06-../D06LA4	845.1	1439	6400	-	-	62	28
0.1 HP (0.075 kW)	2.0	1.6	2567	290	BF20G06-../D06LA4	810.0	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	2.0	2.2	2567	290	BF30G06-../D06LA4	817.1	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.8	1.4	2876	325	BF20G06-../D06LA4	952.7	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	1.7	1.8	3098	350	BF30G06-../D06LA4	961.1	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.5	1.15	3540	400	BF20G06-../D06LA4	1140	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	1.5	1.6	3540	400	BF30G06-../D06LA4	1150	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.3	1.35	4116	465	BF30G06-../D06LA4	1286	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.3	3.2	2788	315	BF40G10-../D06LA4	1324	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	1.2	0.9	4514	510	BF20G06-../D06LA4	1392	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	1.2	1.25	4514	510	BF30G06-../D06LA4	1404	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.1	0.82	4956	560	BF20G06-../D06LA4	1533	1776	7900	-	-	75	34
0.1 HP (0.075 kW)	1.1	2.6	3408	385	BF40G10-../D06LA4	1484	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	1.0	1.0	5487	620	BF30G06-../D06LA4	1686	1664	7400	-	-	99	45
0.1 HP (0.075 kW)	1.0	3.2	3850	435	BF50G10-../D06LA4	1684	3057	13600	-	-	190	86
0.1 HP (0.075 kW)	0.9	2.0	4337	490	BF40G10-../D06LA4	1810	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	0.85	1.9	4691	530	BF40G10-../D06LA4	1997	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	0.8	2.4	5222	590	BF50G10-../D06LA4	2059	3057	13600	-	-	190	86
0.1 HP (0.075 kW)	0.7	1.95	6284	710	BF50G10-../D06LA4	2360	3057	13600	-	-	190	86
0.1 HP (0.075 kW)	0.65	1.3	6815	770	BF40G10-../D06LA4	2536	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	0.6	1.15	7612	860	BF40G10-../D06LA4	2810	2383	10600	-	-	128	58
0.1 HP (0.075 kW)	0.6	1.6	7789	880	BF50G10-../D06LA4	2810	3057	13600	-	-	190	86
0.1 HP (0.075 kW)	0.55	3.1	7081	800	BF60G20-../D06LA4	3237	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.49	1.2	10178	1150	BF50G10-../D06LA4	3348	3057	13600	-	-	190	86
0.1 HP (0.075 kW)	0.42	2.1	10621	1200	BF60G20-../D06LA4	3883	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.35	1.6	13630	1540	BF60G20-../D06LA4	4646	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.32	3.3	15400	1740	BF70G20-../D06LA4	5124	3619	16100	10723	47700	467	212
0.1 HP (0.075 kW)	0.31	1.4	15931	1800	BF60G20-../D06LA4	5241	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.29	2.9	17436	1970	BF70G20-../D06LA4	5691	3619	16100	10723	47700	467	212
0.1 HP (0.075 kW)	0.27	1.15	19029	2150	BF60G20-../D06LA4	6014	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.25	1.05	20799	2350	BF60G20-../D06LA4	6679	3440	15300	9734	43300	295	134
0.1 HP (0.075 kW)	0.25	2.4	20799	2350	BF70G20-../D06LA4	6530	3619	16100	10723	47700	467	212
0.1 HP (0.075 kW)	0.23	2.2	23012	2600	BF70G20-../D06LA4	7248	3619	16100	10723	47700	467	212
0.1 HP (0.075 kW)	0.21	1.95	25667	2900	BF70G20-../D06LA4	8052	3619	16100	10723	47700	467	212

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0.12 HP (0.09 kW)

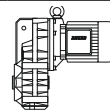


P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
0.12 HP (0.09 kW)	34.5	9.8	217	24.5	BF10-../D06LA4	47.35	955	4250	-	-	51	23
0.12 HP (0.09 kW)	32	9.1	235	26.5	BF10-../D06LA4	51.28	989	4400	-	-	51	23
0.12 HP (0.09 kW)	29	8.1	261	29.5	BF10-../D06LA4	56.39	1023	4550	-	-	51	23
0.12 HP (0.09 kW)	26.5	7.5	283	32	BF10-../D06LA4	61.55	1057	4700	-	-	51	23
0.12 HP (0.09 kW)	24	6.8	314	35.5	BF10-../D06LA4	67.69	1102	4900	-	-	51	23
0.12 HP (0.09 kW)	21	5.9	358	40.5	BF10-../D06LA4	77.55	1147	5100	-	-	51	23
0.12 HP (0.09 kW)	19	5.3	398	45	BF10-../D06LA4	85.27	1191	5300	-	-	51	23
0.12 HP (0.09 kW)	18	5.1	420	47.5	BF10-../D06LA4	90.91	1214	5400	-	-	51	23
0.12 HP (0.09 kW)	16.5	4.6	460	52	BF10-../D06LA4	99.97	1259	5600	-	-	51	23

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



0.12 HP (0.09 kW)

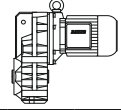
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.12 HP (0.09 kW)	14.5	4.1	522	59	BF10-../D06LA4	112.3	1326	5900	-	-	51	23
0.12 HP (0.09 kW)	13	3.6	584	66	BF10-../D06LA4	128.9	1394	6200	-	-	51	23
0.12 HP (0.09 kW)	11.5	3.2	655	74	BF10-../D06LA4	141.8	1439	6400	-	-	51	23
0.12 HP (0.09 kW)	11	3.1	690	78	BF10Z-../D06LA4	151.2	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	9.8	2.8	770	87	BF10Z-../D06LA4	166.2	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	9.0	2.5	841	95	BF10Z-../D06LA4	180.1	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	8.2	2.3	920	104	BF10Z-../D06LA4	198.0	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	7.6	2.1	1000	113	BF10Z-../D06LA4	214.5	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	6.9	1.95	1097	124	BF10Z-../D06LA4	235.8	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	6.3	1.75	1204	136	BF10Z-../D06LA4	257.4	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	6.3	3.1	1204	136	BF20Z-../D06LA4	259.6	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	5.8	1.6	1310	148	BF10Z-../D06LA4	283.1	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	5.5	2.7	1381	156	BF20Z-../D06LA4	295.5	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	5.0	1.4	1513	171	BF10Z-../D06LA4	324.3	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	5.0	2.5	1513	171	BF20Z-../D06LA4	325.2	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	4.8	2.3	1584	179	BF20Z-../D06LA4	339.1	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	4.8	3.2	1584	179	BF30Z-../D06LA4	341.8	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	4.6	1.3	1646	186	BF10Z-../D06LA4	356.6	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	4.4	2.2	1726	195	BF20Z-../D06LA4	373.1	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	4.4	2.9	1726	195	BF30Z-../D06LA4	375.1	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	4.3	1.2	1761	199	BF10Z-../D06LA4	380.2	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	4.0	2.7	1859	210	BF30Z-../D06LA4	412.6	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	3.9	1.1	1947	220	BF10Z-../D06LA4	418.0	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	3.9	1.9	1947	220	BF20Z-../D06LA4	418.1	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	3.6	1.8	2080	235	BF20Z-../D06LA4	460.0	1776	7900	-	-	68	31
0.12 HP (0.09 kW)	3.5	0.98	2168	245	BF10Z-../D06LA4	469.5	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	3.5	2.3	2168	245	BF30Z-../D06LA4	463.3	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	3.2	2.2	1859	210	BF20G06-../D06LA4	513.7	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	3.1	0.87	2434	275	BF10Z-../D06LA4	539.1	1439	6400	-	-	53	24
0.12 HP (0.09 kW)	3.1	2.1	2434	275	BF30Z-../D06LA4	537.0	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	2.9	3.1	2611	295	BF40Z-../D06LA4	566.1	2383	10600	-	-	117	53
0.12 HP (0.09 kW)	2.8	1.9	2699	305	BF30Z-../D06LA4	590.7	1664	7400	-	-	93	42
0.12 HP (0.09 kW)	2.7	1.8	2257	255	BF20G06-../D06LA4	617.0	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	2.7	2.5	2257	255	BF30G06-../D06LA4	622.4	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	2.6	0.98	2345	265	BF10G06-../D06LA4	643.8	1439	6400	-	-	62	28
0.12 HP (0.09 kW)	2.3	1.5	2744	310	BF20G06-../D06LA4	736.1	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	2.3	2.0	2788	315	BF30G06-../D06LA4	705.1	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	2.2	0.8	2876	325	BF10G06-../D06LA4	768.2	1439	6400	-	-	62	28
0.12 HP (0.09 kW)	2.0	1.3	3186	360	BF20G06-../D06LA4	810.0	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	2.0	1.75	3186	360	BF30G06-../D06LA4	817.1	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.8	1.15	3585	405	BF20G06-../D06LA4	952.7	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	1.7	1.45	3806	430	BF30G06-../D06LA4	961.1	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.5	0.93	4381	495	BF20G06-../D06LA4	1140	1776	7900	-	-	75	34
0.12 HP (0.09 kW)	1.5	1.25	4381	495	BF30G06-../D06LA4	1150	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.5	3.0	2921	330	BF40G10-../D06LA4	1106	2383	10600	-	-	128	58
0.12 HP (0.09 kW)	1.3	1.1	5045	570	BF30G06-../D06LA4	1286	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.3	2.4	3762	425	BF40G10-../D06LA4	1324	2383	10600	-	-	128	58
0.12 HP (0.09 kW)	1.2	1.0	5576	630	BF30G06-../D06LA4	1404	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.2	2.9	4204	475	BF50G10-../D06LA4	1359	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	1.1	1.95	4514	510	BF40G10-../D06LA4	1484	2383	10600	-	-	128	58
0.12 HP (0.09 kW)	1.1	2.7	4514	510	BF50G10-../D06LA4	1520	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	1.0	0.83	6727	760	BF30G06-../D06LA4	1686	1664	7400	-	-	99	45
0.12 HP (0.09 kW)	1.0	2.5	5045	570	BF50G10-../D06LA4	1684	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	0.9	1.55	5753	650	BF40G10-../D06LA4	1810	2383	10600	-	-	128	58
0.12 HP (0.09 kW)	0.85	1.45	6107	690	BF40G10-../D06LA4	1997	2383	10600	-	-	128	58
0.12 HP (0.09 kW)	0.8	1.8	6815	770	BF50G10-../D06LA4	2059	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	0.7	1.5	8143	920	BF50G10-../D06LA4	2360	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	0.65	1.0	8762	990	BF40G10-../D06LA4	2536	2383	10600	-	-	128	58

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

BF-series shaft-mounted geared motors

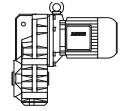
Selection - shaft-mounted geared motors

0.12 HP (0.09 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
0.12 HP (0.09 kW)	0.6	1.25	9913	1120	BF50G10-../D06LA4	2810	3057	13600	-	-	190	86
0.12 HP (0.09 kW)	0.6	2.7	8231	930	BF60G20-../D06LA4	2781	3440	15300	9734	43300	295	134
0.12 HP (0.09 kW)	0.55	2.4	9382	1060	BF60G20-../D06LA4	3237	3440	15300	9734	43300	295	134
0.12 HP (0.09 kW)	0.42	1.6	13630	1540	BF60G20-../D06LA4	3883	3440	15300	9734	43300	295	134
0.12 HP (0.09 kW)	0.36	3.0	16728	1890	BF70G20-../D06LA4	4542	3619	16100	10723	47700	467	212
0.12 HP (0.09 kW)	0.35	1.3	17259	1950	BF60G20-../D06LA4	4646	3440	15300	9734	43300	295	134
0.12 HP (0.09 kW)	0.32	2.7	19029	2150	BF70G20-../D06LA4	5124	3619	16100	10723	47700	467	212
0.12 HP (0.09 kW)	0.31	1.1	19914	2250	BF60G20-../D06LA4	5241	3440	15300	9734	43300	295	134
0.12 HP (0.09 kW)	0.29	2.3	21684	2450	BF70G20-../D06LA4	5691	3619	16100	10723	47700	467	212
0.12 HP (0.09 kW)	0.25	1.95	25667	2900	BF70G20-../D06LA4	6530	3619	16100	10723	47700	467	212
0.12 HP (0.09 kW)	0.23	1.8	28322	3200	BF70G20-../D06LA4	7248	3619	16100	10723	47700	467	212
0.12 HP (0.09 kW)	0.21	1.6	31863	3600	BF70G20-../D06LA4	8052	3619	16100	10723	47700	467	212

0.15 HP (0.11 kW)

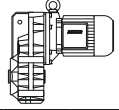


P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
0.15 HP (0.11 kW)	45	10	204	23	BF10-../D06LA4	36.15	854	3800	-	-	51	23
0.15 HP (0.11 kW)	41	9.4	226	25.5	BF10-../D06LA4	39.75	888	3950	-	-	51	23
0.15 HP (0.11 kW)	38	8.7	243	27.5	BF10-../D06LA4	43.06	922	4100	-	-	51	23
0.15 HP (0.11 kW)	34.5	8.0	266	30	BF10-../D06LA4	47.35	955	4250	-	-	51	23
0.15 HP (0.11 kW)	32	7.4	288	32.5	BF10-../D06LA4	51.28	989	4400	-	-	51	23
0.15 HP (0.11 kW)	29	6.7	319	36	BF10-../D06LA4	56.39	1023	4550	-	-	51	23
0.15 HP (0.11 kW)	26.5	6.1	350	39.5	BF10-../D06LA4	61.55	1057	4700	-	-	51	23
0.15 HP (0.11 kW)	24	5.5	385	43.5	BF10-../D06LA4	67.69	1102	4900	-	-	51	23
0.15 HP (0.11 kW)	21	4.8	443	50	BF10-../D06LA4	77.55	1147	5100	-	-	51	23
0.15 HP (0.11 kW)	19	4.4	487	55	BF10-../D06LA4	85.27	1191	5300	-	-	51	23
0.15 HP (0.11 kW)	18	4.1	513	58	BF10-../D06LA4	90.91	1214	5400	-	-	51	23
0.15 HP (0.11 kW)	16.5	3.8	558	63	BF10-../D06LA4	99.97	1259	5600	-	-	51	23
0.15 HP (0.11 kW)	14.5	3.3	637	72	BF10-../D06LA4	112.3	1326	5900	-	-	51	23
0.15 HP (0.11 kW)	13	3.0	708	80	BF10-../D06LA4	128.9	1394	6200	-	-	51	23
0.15 HP (0.11 kW)	11.5	2.6	805	91	BF10-../D06LA4	141.8	1439	6400	-	-	51	23
0.15 HP (0.11 kW)	11	2.5	841	95	BF10Z-../D06LA4	151.2	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	9.8	2.2	947	107	BF10Z-../D06LA4	166.2	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	9.0	2.1	1027	116	BF10Z-../D06LA4	180.1	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	8.3	3.3	1115	126	BF20Z-../D06LA4	197.1	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	8.2	1.9	1133	128	BF10Z-../D06LA4	198.0	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	7.6	1.75	1221	138	BF10Z-../D06LA4	214.5	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	7.5	3.0	1239	140	BF20Z-../D06LA4	216.9	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	6.9	1.6	1345	152	BF10Z-../D06LA4	235.8	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	6.9	2.8	1345	152	BF20Z-../D06LA4	235.9	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	6.3	1.45	1469	166	BF10Z-../D06LA4	257.4	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	6.3	2.5	1469	166	BF20Z-../D06LA4	259.6	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	5.8	1.35	1602	181	BF10Z-../D06LA4	283.1	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	5.6	3.1	1655	187	BF30Z-../D06LA4	289.8	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	5.5	2.2	1690	191	BF20Z-../D06LA4	295.5	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	5.3	2.9	1752	198	BF30Z-../D06LA4	310.7	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	5.0	1.15	1859	210	BF10Z-../D06LA4	324.3	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	5.0	2.0	1859	210	BF20Z-../D06LA4	325.2	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	4.8	1.95	1903	215	BF20Z-../D06LA4	339.1	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	4.8	2.7	1903	215	BF30Z-../D06LA4	341.8	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	4.6	1.05	1991	225	BF10Z-../D06LA4	356.6	1439	6400	-	-	53	24

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



0.15 HP (0.11 kW)

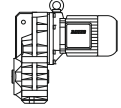
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.15 HP (0.11 kW)	4.4	1.8	2080	235	BF20Z-../D06LA4	373.1	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	4.4	2.4	2080	235	BF30Z-../D06LA4	375.1	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	4.3	1.0	2124	240	BF10Z-../D06LA4	380.2	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	4.0	2.2	2301	260	BF30Z-../D06LA4	412.6	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	3.9	0.91	2345	265	BF10Z-../D06LA4	418.0	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	3.9	1.6	2345	265	BF20Z-../D06LA4	418.1	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	3.6	1.45	2567	290	BF20Z-../D06LA4	460.0	1776	7900	-	-	68	31
0.15 HP (0.11 kW)	3.6	3.1	2567	290	BF40Z-../D06LA4	459.1	2383	10600	-	-	117	53
0.15 HP (0.11 kW)	3.5	0.8	2655	300	BF10Z-../D06LA4	469.5	1439	6400	-	-	53	24
0.15 HP (0.11 kW)	3.5	1.9	2655	300	BF30Z-../D06LA4	463.3	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	3.2	1.7	2390	270	BF20G06-../D06LA4	513.7	1776	7900	-	-	75	34
0.15 HP (0.11 kW)	3.2	2.8	2876	325	BF40Z-../D06LA4	514.6	2383	10600	-	-	117	53
0.15 HP (0.11 kW)	3.1	0.93	2478	280	BF10G06-../D06LA4	536.0	1439	6400	-	-	62	28
0.15 HP (0.11 kW)	3.1	1.7	2965	335	BF30Z-../D06LA4	537.0	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	2.9	2.5	3186	360	BF40Z-../D06LA4	566.1	2383	10600	-	-	117	53
0.15 HP (0.11 kW)	2.8	1.55	3319	375	BF30Z-../D06LA4	590.7	1664	7400	-	-	93	42
0.15 HP (0.11 kW)	2.7	1.4	2876	325	BF20G06-../D06LA4	617.0	1776	7900	-	-	75	34
0.15 HP (0.11 kW)	2.7	1.95	2876	325	BF30G06-../D06LA4	622.4	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	2.3	1.15	3496	395	BF20G06-../D06LA4	736.1	1776	7900	-	-	75	34
0.15 HP (0.11 kW)	2.3	1.6	3496	395	BF30G06-../D06LA4	705.1	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	2.0	1.0	4071	460	BF20G06-../D06LA4	810.0	1776	7900	-	-	75	34
0.15 HP (0.11 kW)	2.0	1.4	4027	455	BF30G06-../D06LA4	817.1	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	1.8	0.9	4514	510	BF20G06-../D06LA4	952.7	1776	7900	-	-	75	34
0.15 HP (0.11 kW)	1.8	2.8	3186	360	BF40G10-../D06LA4	928.9	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	1.7	1.15	4779	540	BF30G06-../D06LA4	961.1	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	1.6	3.3	3806	430	BF50G10-../D06LA4	1029	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	1.5	1.0	5487	620	BF30G06-../D06LA4	1150	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	1.5	2.2	4027	455	BF40G10-../D06LA4	1106	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	1.4	2.6	4691	530	BF50G10-../D06LA4	1203	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	1.3	0.88	6373	720	BF30G06-../D06LA4	1286	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	1.3	1.75	5045	570	BF40G10-../D06LA4	1324	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	1.2	0.8	6992	790	BF30G06-../D06LA4	1404	1664	7400	-	-	99	45
0.15 HP (0.11 kW)	1.2	2.2	5576	630	BF50G10-../D06LA4	1359	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	1.1	1.45	6107	690	BF40G10-../D06LA4	1484	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	1.1	2.1	6019	680	BF50G10-../D06LA4	1520	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	1.0	1.8	6815	770	BF50G10-../D06LA4	1684	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	0.9	1.15	7612	860	BF40G10-../D06LA4	1810	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	0.85	1.1	8143	920	BF40G10-../D06LA4	1997	2383	10600	-	-	128	58
0.15 HP (0.11 kW)	0.85	3.2	6992	790	BF60G20-../D06LA4	1955	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.8	1.4	8939	1010	BF50G10-../D06LA4	2059	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	0.75	2.7	8320	940	BF60G20-../D06LA4	2172	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.7	1.2	10532	1190	BF50G10-../D06LA4	2360	3057	13600	-	-	190	86
0.15 HP (0.11 kW)	0.6	2.0	10975	1240	BF60G20-../D06LA4	2781	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.55	1.8	12391	1400	BF60G20-../D06LA4	3237	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.42	1.25	17613	1990	BF60G20-../D06LA4	3883	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.4	2.7	18587	2100	BF70G20-../D06LA4	4090	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.36	2.4	21242	2400	BF70G20-../D06LA4	4542	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.35	1.0	21684	2450	BF60G20-../D06LA4	4646	3440	15300	9734	43300	295	134
0.15 HP (0.11 kW)	0.32	2.1	24340	2750	BF70G20-../D06LA4	5124	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.29	1.85	27437	3100	BF70G20-../D06LA4	5691	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.25	1.55	32748	3700	BF70G20-../D06LA4	6530	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.23	1.4	35846	4050	BF70G20-../D06LA4	7248	3619	16100	10723	47700	467	212
0.15 HP (0.11 kW)	0.21	1.25	39828	4500	BF70G20-../D06LA4	8052	3619	16100	10723	47700	467	212

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

0.25 HP (0.18 kW)



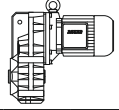
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f·in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
0.25 HP (0.18 kW)	215	8.6	70	7.9	BF06-../D05LA4	7.66	405	1800	-	-	22	10
0.25 HP (0.18 kW)	176	7.2	86	9.7	BF06-../D05LA4	9.21	427	1900	-	-	22	10
0.25 HP (0.18 kW)	135	5.9	112	12.7	BF06-../D05LA4	12.07	450	2000	-	-	22	10
0.25 HP (0.18 kW)	115	5.7	132	14.9	BF06-../D05LA4	14.21	472	2100	-	-	22	10
0.25 HP (0.18 kW)	96	5.3	158	17.9	BF06-../D05LA4	16.99	562	2500	-	-	22	10
0.25 HP (0.18 kW)	80	4.5	186	21	BF06-../D05LA4	20.42	607	2700	-	-	22	10
0.25 HP (0.18 kW)	61	3.4	248	28	BF06-../D05LA4	26.76	674	3000	-	-	22	10
0.25 HP (0.18 kW)	52	2.9	292	33	BF06-../D05LA4	31.50	719	3200	-	-	22	10
0.25 HP (0.18 kW)	43	2.4	350	39.5	BF06-../D05LA4	37.69	787	3500	-	-	22	10
0.25 HP (0.18 kW)	35.5	2.0	425	48	BF06-../D05LA4	46.14	854	3800	-	-	22	10
0.25 HP (0.18 kW)	28	1.55	540	61	BF06-../D05LA4	58.33	899	4000	-	-	22	10
0.25 HP (0.18 kW)	24.5	1.35	620	70	BF06-../D05LA4	66.82	899	4000	-	-	22	10
0.25 HP (0.18 kW)	21	3.0	717	81	BF10-../D06LA4	77.55	1147	5100	-	-	51	23
0.25 HP (0.18 kW)	19.5	1.1	779	88	BF06-../D05LA4	83.61	899	4000	-	-	22	10
0.25 HP (0.18 kW)	19	2.7	797	90	BF10-../D06LA4	85.27	1191	5300	-	-	51	23
0.25 HP (0.18 kW)	18	2.5	841	95	BF10-../D06LA4	90.91	1214	5400	-	-	51	23
0.25 HP (0.18 kW)	17.5	0.97	867	98	BF06-../D05LA4	95.16	899	4000	-	-	22	10
0.25 HP (0.18 kW)	16.5	2.3	920	104	BF10-../D06LA4	99.97	1259	5600	-	-	51	23
0.25 HP (0.18 kW)	14.5	2.0	1044	118	BF10-../D06LA4	112.3	1326	5900	-	-	51	23
0.25 HP (0.18 kW)	13.5	3.3	1124	127	BF20-../D06LA4	123.5	1709	7600	-	-	66	30
0.25 HP (0.18 kW)	13	1.8	1168	132	BF10-../D06LA4	128.9	1394	6200	-	-	51	23
0.25 HP (0.18 kW)	12	2.9	1266	143	BF20-../D06LA4	135.9	1776	7900	-	-	66	30
0.25 HP (0.18 kW)	11.5	1.6	1319	149	BF10-../D06LA4	141.8	1439	6400	-	-	51	23
0.25 HP (0.18 kW)	11.5	2.8	1319	149	BF20Z-../D06LA4	141.2	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	11	1.55	1381	156	BF10Z-../D06LA4	151.2	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	10.5	2.6	1443	163	BF20Z-../D06LA4	155.4	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	9.9	2.4	1531	173	BF20Z-../D06LA4	164.3	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	9.8	1.35	1549	175	BF10Z-../D06LA4	166.2	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	9.8	3.3	1549	175	BF30Z-../D06LA4	165.8	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	9.2	3.1	1646	186	BF30Z-../D06LA4	176.6	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	9.0	1.25	1690	191	BF10Z-../D06LA4	180.1	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	9.0	2.2	1690	191	BF20Z-../D06LA4	180.8	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	8.4	2.9	1770	200	BF30Z-../D06LA4	194.3	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	8.3	2.0	1814	205	BF20Z-../D06LA4	197.1	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	8.2	1.15	1814	205	BF10Z-../D06LA4	198.0	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	7.6	1.05	1991	225	BF10Z-../D06LA4	214.5	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	7.5	1.85	1991	225	BF20Z-../D06LA4	216.9	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	7.3	2.4	2080	235	BF30Z-../D06LA4	224.8	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	6.9	0.98	2168	245	BF10Z-../D06LA4	235.8	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	6.9	1.7	2168	245	BF20Z-../D06LA4	235.9	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	6.6	2.2	2301	260	BF30Z-../D06LA4	247.3	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	6.3	0.89	2390	270	BF10Z-../D06LA4	257.4	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	6.3	1.55	2390	270	BF20Z-../D06LA4	259.6	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	6.2	2.1	2434	275	BF30Z-../D06LA4	263.5	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	5.9	3.1	2567	290	BF40Z-../D06LA4	278.5	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	5.8	0.81	2611	295	BF10Z-../D06LA4	283.1	1439	6400	-	-	53	24
0.25 HP (0.18 kW)	5.6	1.9	2699	305	BF30Z-../D06LA4	289.8	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	5.5	1.35	2744	310	BF20Z-../D06LA4	295.5	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	5.5	2.9	2744	310	BF40Z-../D06LA4	295.1	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	5.3	1.8	2832	320	BF30Z-../D06LA4	310.7	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	5.1	0.87	2655	300	BF10G06-../D06LA4	322.3	1439	6400	-	-	62	28
0.25 HP (0.18 kW)	5.0	1.25	3009	340	BF20Z-../D06LA4	325.2	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	5.0	2.6	3009	340	BF40Z-../D06LA4	324.7	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	4.8	1.2	3142	355	BF20Z-../D06LA4	339.1	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	4.8	1.6	3142	355	BF30Z-../D06LA4	341.8	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	4.7	2.5	3231	365	BF40Z-../D06LA4	346.8	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	4.4	1.1	3452	390	BF20Z-../D06LA4	373.1	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	4.4	1.45	3452	390	BF30Z-../D06LA4	375.1	1664	7400	-	-	93	42

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

BF-series shaft-mounted geared motors

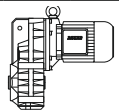
Selection - shaft-mounted geared motors

0.25 HP (0.18 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.25 HP (0.18 kW)	4.3	2.3	3496	395	BF40Z-../D06LA4	381.5	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	4.2	3.2	3585	405	BF50Z-../D06LA4	392.8	3057	13600	-	-	181	82
0.25 HP (0.18 kW)	4.0	1.35	3762	425	BF30Z-../D06LA4	412.6	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	3.9	0.95	3894	440	BF20Z-../D06LA4	418.1	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	3.9	2.0	3894	440	BF40Z-../D06LA4	417.3	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	3.7	2.8	4071	460	BF50Z-../D06LA4	439.3	3057	13600	-	-	181	82
0.25 HP (0.18 kW)	3.6	0.88	4204	475	BF20Z-../D06LA4	460.0	1776	7900	-	-	68	31
0.25 HP (0.18 kW)	3.6	1.9	4204	475	BF40Z-../D06LA4	459.1	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	3.5	1.15	4337	490	BF30Z-../D06LA4	463.3	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	3.3	2.5	4602	520	BF50Z-../D06LA4	496.4	3057	13600	-	-	181	82
0.25 HP (0.18 kW)	3.2	0.96	4248	480	BF20G06-../D06LA4	513.7	1776	7900	-	-	75	34
0.25 HP (0.18 kW)	3.2	1.7	4691	530	BF40Z-../D06LA4	514.6	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	3.1	1.05	4868	550	BF30Z-../D06LA4	537.0	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	3.0	2.3	5045	570	BF50Z-../D06LA4	555.2	3057	13600	-	-	181	82
0.25 HP (0.18 kW)	2.9	1.55	5222	590	BF40Z-../D06LA4	566.1	2383	10600	-	-	117	53
0.25 HP (0.18 kW)	2.8	0.94	5399	610	BF30Z-../D06LA4	590.7	1664	7400	-	-	93	42
0.25 HP (0.18 kW)	2.8	2.4	3762	425	BF40G10-../D06LA4	597.3	2383	10600	-	-	128	58
0.25 HP (0.18 kW)	2.7	0.81	5045	570	BF20G06-../D06LA4	617.0	1776	7900	-	-	75	34
0.25 HP (0.18 kW)	2.7	1.1	5045	570	BF30G06-../D06LA4	622.4	1664	7400	-	-	99	45
0.25 HP (0.18 kW)	2.4	2.7	4602	520	BF50G10-../D06LA4	680.9	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	2.3	0.91	6107	690	BF30G06-../D06LA4	705.1	1664	7400	-	-	99	45
0.25 HP (0.18 kW)	2.3	1.85	4779	540	BF40G10-../D06LA4	731.6	2383	10600	-	-	128	58
0.25 HP (0.18 kW)	2.0	0.8	6992	790	BF30G06-../D06LA4	817.1	1664	7400	-	-	99	45
0.25 HP (0.18 kW)	1.9	2.0	6107	690	BF50G10-../D06LA4	864.5	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.8	1.35	6461	730	BF40G10-../D06LA4	928.9	2383	10600	-	-	128	58
0.25 HP (0.18 kW)	1.6	1.65	7435	840	BF50G10-../D06LA4	1029	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.5	1.1	7966	900	BF40G10-../D06LA4	1106	2383	10600	-	-	128	58
0.25 HP (0.18 kW)	1.4	1.4	8939	1010	BF50G10-../D06LA4	1203	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.4	2.7	8143	920	BF60G20-../D06LA4	1211	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	1.3	0.93	9559	1080	BF40G10-../D06LA4	1324	2383	10600	-	-	128	58
0.25 HP (0.18 kW)	1.2	1.2	10532	1190	BF50G10-../D06LA4	1359	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.1	1.1	11417	1290	BF50G10-../D06LA4	1520	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.1	2.1	10444	1180	BF60G20-../D06LA4	1494	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	1.0	0.98	12657	1430	BF50G10-../D06LA4	1684	3057	13600	-	-	190	86
0.25 HP (0.18 kW)	1.0	1.95	11417	1290	BF60G20-../D06LA4	1658	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	0.85	1.6	13896	1570	BF60G20-../D06LA4	1955	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	0.75	1.35	16197	1830	BF60G20-../D06LA4	2172	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	0.7	2.9	17436	1970	BF70G20-../D06LA4	2448	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.6	1.05	20799	2350	BF60G20-../D06LA4	2781	3440	15300	9734	43300	295	134
0.25 HP (0.18 kW)	0.6	2.4	20799	2350	BF70G20-../D06LA4	2849	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.48	1.85	26995	3050	BF70G20-../D06LA4	3417	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.4	1.5	33633	3800	BF70G20-../D06LA4	4090	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.36	1.35	37616	4250	BF70G20-../D06LA4	4542	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.32	1.2	42926	4850	BF70G20-../D06LA4	5124	3619	16100	10723	47700	467	212
0.25 HP (0.18 kW)	0.29	1.05	47794	5400	BF70G20-../D06LA4	5691	3619	16100	10723	47700	467	212

0.33 HP (0.25 kW)



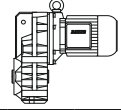
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.33 HP (0.25 kW)	215	6.1	98	11.1	BF06-../D05LA4	7.66	405	1800	-	-	22	10
0.33 HP (0.25 kW)	176	5.2	119	13.5	BF06-../D05LA4	9.21	427	1900	-	-	22	10

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

0.33 HP (0.25 kW)



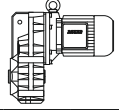
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
0.33 HP (0.25 kW)	135	4.3	156	17.6	BF06-../D05LA4	12.07	450	2000	-	-	22	10
0.33 HP (0.25 kW)	115	4.1	181	20.5	BF06-../D05LA4	14.21	472	2100	-	-	22	10
0.33 HP (0.25 kW)	96	3.9	217	24.5	BF06-../D05LA4	16.99	562	2500	-	-	22	10
0.33 HP (0.25 kW)	80	3.2	261	29.5	BF06-../D05LA4	20.42	607	2700	-	-	22	10
0.33 HP (0.25 kW)	61	2.4	345	39	BF06-../D05LA4	26.76	674	3000	-	-	22	10
0.33 HP (0.25 kW)	52	2.1	403	45.5	BF06-../D05LA4	31.50	719	3200	-	-	22	10
0.33 HP (0.25 kW)	43	1.75	487	55	BF06-../D05LA4	37.69	787	3500	-	-	22	10
0.33 HP (0.25 kW)	35.5	1.4	593	67	BF06-../D05LA4	46.14	854	3800	-	-	22	10
0.33 HP (0.25 kW)	32	3.2	655	74	BF10-../D06LA4	51.28	989	4400	-	-	51	23
0.33 HP (0.25 kW)	29	2.9	726	82	BF10-../D06LA4	56.39	1023	4550	-	-	51	23
0.33 HP (0.25 kW)	28	1.1	752	85	BF06-../D05LA4	58.33	899	4000	-	-	22	10
0.33 HP (0.25 kW)	26.5	2.7	797	90	BF10-../D06LA4	61.55	1057	4700	-	-	51	23
0.33 HP (0.25 kW)	24.5	0.98	859	97	BF06-../D05LA4	66.82	899	4000	-	-	22	10
0.33 HP (0.25 kW)	24	2.4	876	99	BF10-../D06LA4	67.69	1102	4900	-	-	51	23
0.33 HP (0.25 kW)	21	2.1	1000	113	BF10-../D06LA4	77.55	1147	5100	-	-	51	23
0.33 HP (0.25 kW)	19	1.9	1106	125	BF10-../D06LA4	85.27	1191	5300	-	-	51	23
0.33 HP (0.25 kW)	18	1.8	1168	132	BF10-../D06LA4	90.91	1214	5400	-	-	51	23
0.33 HP (0.25 kW)	17	3.0	1239	140	BF20-../D06LA4	96.08	1551	6900	-	-	66	30
0.33 HP (0.25 kW)	16.5	1.65	1275	144	BF10-../D06LA4	99.97	1259	5600	-	-	51	23
0.33 HP (0.25 kW)	16.5	2.9	1275	144	BF20-../D06LA4	100.2	1574	7000	-	-	66	30
0.33 HP (0.25 kW)	15	2.6	1407	159	BF20-../D06LA4	110.2	1641	7300	-	-	66	30
0.33 HP (0.25 kW)	14.5	1.45	1452	164	BF10-../D06LA4	112.3	1326	5900	-	-	51	23
0.33 HP (0.25 kW)	13.5	2.4	1558	176	BF20-../D06LA4	123.5	1709	7600	-	-	66	30
0.33 HP (0.25 kW)	13	1.3	1620	183	BF10-../D06LA4	128.9	1394	6200	-	-	51	23
0.33 HP (0.25 kW)	13	3.1	1620	183	BF30-../D06LA4	124.7	1596	7100	-	-	88	40
0.33 HP (0.25 kW)	12	2.1	1752	198	BF20-../D06LA4	135.9	1776	7900	-	-	66	30
0.33 HP (0.25 kW)	12	2.9	1752	198	BF30-../D06LA4	137.1	1664	7400	-	-	88	40
0.33 HP (0.25 kW)	11.5	1.15	1814	205	BF10-../D06LA4	141.8	1439	6400	-	-	51	23
0.33 HP (0.25 kW)	11.5	2.0	1814	205	BF20Z-../D06LA4	141.2	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	11	1.1	1903	215	BF10Z-../D06LA4	151.2	1439	6400	-	-	53	24
0.33 HP (0.25 kW)	11	2.7	1903	215	BF30Z-../D06LA4	150.7	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	10.5	1.85	1991	225	BF20Z-../D06LA4	155.4	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	9.9	1.75	2124	240	BF20Z-../D06LA4	164.3	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	9.8	1.0	2124	240	BF10Z-../D06LA4	166.2	1439	6400	-	-	53	24
0.33 HP (0.25 kW)	9.8	2.4	2124	240	BF30Z-../D06LA4	165.8	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	9.2	2.3	2257	255	BF30Z-../D06LA4	176.6	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	9.0	0.91	2345	265	BF10Z-../D06LA4	180.1	1439	6400	-	-	53	24
0.33 HP (0.25 kW)	9.0	1.6	2345	265	BF20Z-../D06LA4	180.8	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	8.7	3.3	2390	270	BF40Z-../D06LA4	188.3	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	8.4	2.1	2478	280	BF30Z-../D06LA4	194.3	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	8.3	1.45	2522	285	BF20Z-../D06LA4	197.1	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	8.2	0.83	2567	290	BF10Z-../D06LA4	198.0	1439	6400	-	-	53	24
0.33 HP (0.25 kW)	8.1	3.1	2567	290	BF40Z-../D06LA4	202.2	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	7.5	1.35	2788	315	BF20Z-../D06LA4	216.9	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	7.3	1.75	2876	325	BF30Z-../D06LA4	224.8	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	7.3	2.8	2876	325	BF40Z-../D06LA4	222.4	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	6.9	1.2	3054	345	BF20Z-../D06LA4	235.9	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	6.6	1.6	3186	360	BF30Z-../D06LA4	247.3	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	6.4	2.4	3275	370	BF40Z-../D06LA4	253.2	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	6.3	1.1	3319	375	BF20Z-../D06LA4	259.6	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	6.2	1.5	3408	385	BF30Z-../D06LA4	263.5	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	5.9	2.3	3540	400	BF40Z-../D06LA4	278.5	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	5.9	3.3	3540	400	BF50Z-../D06LA4	276.8	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	5.6	1.35	3762	425	BF30Z-../D06LA4	289.8	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	5.5	0.98	3806	430	BF20Z-../D06LA4	295.5	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	5.5	2.1	3806	430	BF40Z-../D06LA4	295.1	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	5.3	1.3	3983	450	BF30Z-../D06LA4	310.7	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	5.2	2.9	4027	455	BF50Z-../D06LA4	316.6	3057	13600	-	-	181	82

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

BF-series shaft-mounted geared motors

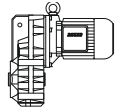
Selection - shaft-mounted geared motors

0.33 HP (0.25 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.33 HP (0.25 kW)	5.0	0.88	4204	475	BF20Z-../D06LA4	325.2	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	5.0	1.9	4204	475	BF40Z-../D06LA4	324.7	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	4.8	0.85	4381	495	BF20Z-../D06LA4	339.1	1776	7900	-	-	68	31
0.33 HP (0.25 kW)	4.8	1.15	4381	495	BF30Z-../D06LA4	341.8	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	4.7	1.8	4425	500	BF40Z-../D06LA4	346.8	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	4.6	2.5	4514	510	BF50Z-../D06LA4	354.0	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	4.4	1.05	4779	540	BF30Z-../D06LA4	375.1	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	4.3	1.65	4868	550	BF40Z-../D06LA4	381.5	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	4.2	2.3	4956	560	BF50Z-../D06LA4	392.8	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	4.0	0.97	5222	590	BF30Z-../D06LA4	412.6	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	3.9	1.5	5399	610	BF40Z-../D06LA4	417.3	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	3.7	2.0	5664	640	BF50Z-../D06LA4	439.3	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	3.6	1.35	5841	660	BF40Z-../D06LA4	459.1	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	3.5	0.85	6019	680	BF30Z-../D06LA4	463.3	1664	7400	-	-	93	42
0.33 HP (0.25 kW)	3.3	1.8	6373	720	BF50Z-../D06LA4	496.4	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	3.2	1.2	6550	740	BF40Z-../D06LA4	514.6	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	3.0	1.65	6992	790	BF50Z-../D06LA4	555.2	3057	13600	-	-	181	82
0.33 HP (0.25 kW)	2.9	1.1	7258	820	BF40Z-../D06LA4	566.1	2383	10600	-	-	117	53
0.33 HP (0.25 kW)	2.8	1.5	5841	660	BF40G10-../D06LA4	597.3	2383	10600	-	-	128	58
0.33 HP (0.25 kW)	2.4	1.75	7081	800	BF50G10-../D06LA4	680.9	3057	13600	-	-	190	86
0.33 HP (0.25 kW)	2.3	1.2	7346	830	BF40G10-../D06LA4	731.6	2383	10600	-	-	128	58
0.33 HP (0.25 kW)	2.0	2.8	7789	880	BF60G20-../D06LA4	813.2	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	1.9	1.35	9293	1050	BF50G10-../D06LA4	864.5	3057	13600	-	-	190	86
0.33 HP (0.25 kW)	1.8	0.91	9736	1100	BF40G10-../D06LA4	928.9	2383	10600	-	-	128	58
0.33 HP (0.25 kW)	1.8	2.4	9293	1050	BF60G20-../D06LA4	937.6	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	1.6	1.1	11152	1260	BF50G10-../D06LA4	1029	3057	13600	-	-	190	86
0.33 HP (0.25 kW)	1.4	0.94	13188	1490	BF50G10-../D06LA4	1203	3057	13600	-	-	190	86
0.33 HP (0.25 kW)	1.4	1.8	12303	1390	BF60G20-../D06LA4	1211	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	1.2	0.8	15489	1750	BF50G10-../D06LA4	1359	3057	13600	-	-	190	86
0.33 HP (0.25 kW)	1.1	1.4	15843	1790	BF60G20-../D06LA4	1494	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	1.0	1.3	17347	1960	BF60G20-../D06LA4	1658	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	1.0	2.9	17436	1970	BF70G20-../D06LA4	1621	3619	16100	10723	47700	467	212
0.33 HP (0.25 kW)	0.85	1.05	20799	2350	BF60G20-../D06LA4	1955	3440	15300	9734	43300	295	134
0.33 HP (0.25 kW)	0.85	2.4	20799	2350	BF70G20-../D06LA4	1912	3619	16100	10723	47700	467	212
0.33 HP (0.25 kW)	0.7	1.95	25667	2900	BF70G20-../D06LA4	2448	3619	16100	10723	47700	467	212
0.33 HP (0.25 kW)	0.6	1.65	30535	3450	BF70G20-../D06LA4	2849	3619	16100	10723	47700	467	212
0.33 HP (0.25 kW)	0.48	1.3	39386	4450	BF70G20-../D06LA4	3417	3619	16100	10723	47700	467	212
0.33 HP (0.25 kW)	0.4	1.05	47794	5400	BF70G20-../D06LA4	4090	3619	16100	10723	47700	467	212

0.4 HP (0.3 kW)



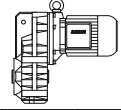
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.4 HP (0.3 kW)	215	5.1	118	13.3	BF06-../D05LA4	7.66	405	1800	-	-	22	10
0.4 HP (0.3 kW)	176	4.3	143	16.2	BF06-../D05LA4	9.21	427	1900	-	-	22	10
0.4 HP (0.3 kW)	135	3.6	186	21	BF06-../D05LA4	12.07	450	2000	-	-	22	10
0.4 HP (0.3 kW)	115	3.5	217	24.5	BF06-../D05LA4	14.21	472	2100	-	-	22	10
0.4 HP (0.3 kW)	96	3.2	261	29.5	BF06-../D05LA4	16.99	562	2500	-	-	22	10
0.4 HP (0.3 kW)	80	2.7	314	35.5	BF06-../D05LA4	20.42	607	2700	-	-	22	10
0.4 HP (0.3 kW)	61	2.0	412	46.5	BF06-../D05LA4	26.76	674	3000	-	-	22	10
0.4 HP (0.3 kW)	52	1.75	487	55	BF06-../D05LA4	31.50	719	3200	-	-	22	10
0.4 HP (0.3 kW)	43	1.45	584	66	BF06-../D05LA4	37.69	787	3500	-	-	22	10

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

0.4 HP (0.3 kW)



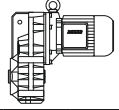
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
0.4 HP (0.3 kW)	38	3.2	664	75	BF10-../D06LA4	43.06	922	4100	-	-	51	23
0.4 HP (0.3 kW)	35.5	1.2	708	80	BF06-../D05LA4	46.14	854	3800	-	-	22	10
0.4 HP (0.3 kW)	34.5	2.9	735	83	BF10-../D06LA4	47.35	955	4250	-	-	51	23
0.4 HP (0.3 kW)	32	2.7	788	89	BF10-../D06LA4	51.28	989	4400	-	-	51	23
0.4 HP (0.3 kW)	29	2.4	867	98	BF10-../D06LA4	56.39	1023	4550	-	-	51	23
0.4 HP (0.3 kW)	28	0.93	903	102	BF06-../D05LA4	58.33	899	4000	-	-	22	10
0.4 HP (0.3 kW)	26.5	2.2	956	108	BF10-../D06LA4	61.55	1057	4700	-	-	51	23
0.4 HP (0.3 kW)	24.5	0.82	1027	116	BF06-../D05LA4	66.82	899	4000	-	-	22	10
0.4 HP (0.3 kW)	24	2.0	1053	119	BF10-../D06LA4	67.69	1102	4900	-	-	51	23
0.4 HP (0.3 kW)	21.5	3.2	1177	133	BF20-../D06LA4	76.69	1416	6300	-	-	66	30
0.4 HP (0.3 kW)	21	1.75	1204	136	BF10-../D06LA4	77.55	1147	5100	-	-	51	23
0.4 HP (0.3 kW)	19	1.6	1328	150	BF10-../D06LA4	85.27	1191	5300	-	-	51	23
0.4 HP (0.3 kW)	19	2.8	1328	150	BF20-../D06LA4	87.31	1484	6600	-	-	66	30
0.4 HP (0.3 kW)	18	1.5	1407	159	BF10-../D06LA4	90.91	1214	5400	-	-	51	23
0.4 HP (0.3 kW)	17	2.5	1487	168	BF20-../D06LA4	96.08	1551	6900	-	-	66	30
0.4 HP (0.3 kW)	16.5	1.4	1531	173	BF20-../D06LA4	99.97	1259	5600	-	-	51	23
0.4 HP (0.3 kW)	16.5	2.4	1531	173	BF20-../D06LA4	100.2	1574	7000	-	-	66	30
0.4 HP (0.3 kW)	15.5	3.1	1629	184	BF30-../D06LA4	107.6	1506	6700	-	-	88	40
0.4 HP (0.3 kW)	15	2.2	1690	191	BF20-../D06LA4	110.2	1641	7300	-	-	66	30
0.4 HP (0.3 kW)	14.5	1.2	1744	197	BF10-../D06LA4	112.3	1326	5900	-	-	51	23
0.4 HP (0.3 kW)	14	2.9	1770	200	BF30-../D06LA4	118.3	1574	7000	-	-	88	40
0.4 HP (0.3 kW)	13.5	2.0	1859	210	BF20-../D06LA4	123.5	1709	7600	-	-	66	30
0.4 HP (0.3 kW)	13	1.1	1947	220	BF10-../D06LA4	128.9	1394	6200	-	-	51	23
0.4 HP (0.3 kW)	13	2.6	1947	220	BF30-../D06LA4	124.7	1596	7100	-	-	88	40
0.4 HP (0.3 kW)	12	1.8	2080	235	BF20-../D06LA4	135.9	1776	7900	-	-	66	30
0.4 HP (0.3 kW)	12	2.4	2080	235	BF30-../D06LA4	137.1	1664	7400	-	-	88	40
0.4 HP (0.3 kW)	11.5	0.98	2168	245	BF10-../D06LA4	141.8	1439	6400	-	-	51	23
0.4 HP (0.3 kW)	11.5	1.7	2168	245	BF20Z-../D06LA4	141.2	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	11	0.92	2301	260	BF10Z-../D06LA4	151.2	1439	6400	-	-	53	24
0.4 HP (0.3 kW)	11	2.2	2301	260	BF30Z-../D06LA4	150.7	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	10.5	1.55	2390	270	BF20Z-../D06LA4	155.4	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	10.5	3.3	2390	270	BF40Z-../D06LA4	155.6	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	9.9	1.45	2522	285	BF20Z-../D06LA4	164.3	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	9.8	0.83	2567	290	BF10Z-../D06LA4	166.2	1439	6400	-	-	53	24
0.4 HP (0.3 kW)	9.8	2.0	2567	290	BF30Z-../D06LA4	165.8	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	9.5	3.0	2655	300	BF40Z-../D06LA4	171.2	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	9.2	1.85	2744	310	BF30Z-../D06LA4	176.6	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	9.0	1.35	2788	315	BF20Z-../D06LA4	180.8	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	8.7	2.8	2876	325	BF40Z-../D06LA4	188.3	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	8.4	1.7	3009	340	BF30Z-../D06LA4	194.3	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	8.3	1.2	3054	345	BF20Z-../D06LA4	197.1	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	8.1	2.6	3098	350	BF40Z-../D06LA4	202.2	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	7.5	1.1	3363	380	BF20Z-../D06LA4	216.9	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	7.3	1.45	3452	390	BF30Z-../D06LA4	224.8	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	7.3	2.3	3452	390	BF40Z-../D06LA4	222.4	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	6.9	1.0	3673	415	BF20Z-../D06LA4	235.9	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	6.6	1.35	3806	430	BF30Z-../D06LA4	247.3	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	6.6	3.0	3806	430	BF50Z-../D06LA4	247.5	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	6.4	2.0	3939	445	BF40Z-../D06LA4	253.2	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	6.3	0.93	3983	450	BF20Z-../D06LA4	259.6	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	6.2	1.25	4071	460	BF30Z-../D06LA4	263.5	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	5.9	1.85	4293	485	BF40Z-../D06LA4	278.5	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	5.9	2.7	4293	485	BF50Z-../D06LA4	276.8	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	5.6	1.15	4514	510	BF30Z-../D06LA4	289.8	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	5.5	0.81	4602	520	BF20Z-../D06LA4	295.5	1776	7900	-	-	68	31
0.4 HP (0.3 kW)	5.5	1.75	4602	520	BF40Z-../D06LA4	295.1	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	5.3	1.05	4779	540	BF30Z-../D06LA4	310.7	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	5.2	2.4	4868	550	BF50Z-../D06LA4	316.6	3057	13600	-	-	181	82

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

BF-series shaft-mounted geared motors

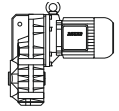
Selection - shaft-mounted geared motors

0.4 HP (0.3 kW)



P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	5.0	1.6	5045	570	BF40Z-../D06LA4	324.7	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	4.8	0.97	5222	590	BF30Z-../D06LA4	341.8	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	4.7	1.5	5310	600	BF40Z-../D06LA4	346.8	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	4.6	2.1	5487	620	BF50Z-../D06LA4	354.0	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	4.4	0.88	5753	650	BF30Z-../D06LA4	375.1	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	4.3	1.35	5841	660	BF40Z-../D06LA4	381.5	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	4.2	1.9	6019	680	BF50Z-../D06LA4	392.8	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	4.0	0.81	6284	710	BF30Z-../D06LA4	412.6	1664	7400	-	-	93	42
0.4 HP (0.3 kW)	3.9	1.25	6461	730	BF40Z-../D06LA4	417.3	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	3.7	1.7	6815	770	BF50Z-../D06LA4	439.3	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	3.6	1.15	6992	790	BF40Z-../D06LA4	459.1	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	3.3	1.5	7612	860	BF50Z-../D06LA4	496.4	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	3.2	1.0	7877	890	BF40Z-../D06LA4	514.6	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	3.0	1.35	8408	950	BF50Z-../D06LA4	555.2	3057	13600	-	-	181	82
0.4 HP (0.3 kW)	2.9	0.92	8674	980	BF40Z-../D06LA4	566.1	2383	10600	-	-	117	53
0.4 HP (0.3 kW)	2.8	1.2	7346	830	BF40G10-../D06LA4	597.3	2383	10600	-	-	128	58
0.4 HP (0.3 kW)	2.4	1.4	8851	1000	BF50G10-../D06LA4	680.9	3057	13600	-	-	190	86
0.4 HP (0.3 kW)	2.4	2.8	7966	900	BF60G20-../D06LA4	689.0	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	2.3	0.96	9205	1040	BF40G10-../D06LA4	731.6	2383	10600	-	-	128	58
0.4 HP (0.3 kW)	2.0	2.2	9913	1120	BF60G20-../D06LA4	813.2	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	1.9	1.1	11506	1300	BF50G10-../D06LA4	864.5	3057	13600	-	-	190	86
0.4 HP (0.3 kW)	1.8	1.9	11594	1310	BF60G20-../D06LA4	937.6	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	1.6	0.9	13807	1560	BF50G10-../D06LA4	1029	3057	13600	-	-	190	86
0.4 HP (0.3 kW)	1.4	1.45	15400	1740	BF60G20-../D06LA4	1211	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	1.2	2.9	17701	2000	BF70G20-../D06LA4	1390	3619	16100	10723	47700	467	212
0.4 HP (0.3 kW)	1.1	1.15	19472	2200	BF60G20-../D06LA4	1494	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	1.0	1.05	21242	2400	BF60G20-../D06LA4	1658	3440	15300	9734	43300	295	134
0.4 HP (0.3 kW)	1.0	2.3	21684	2450	BF70G20-../D06LA4	1621	3619	16100	10723	47700	467	212
0.4 HP (0.3 kW)	0.85	1.95	25667	2900	BF70G20-../D06LA4	1912	3619	16100	10723	47700	467	212
0.4 HP (0.3 kW)	0.7	1.6	31863	3600	BF70G20-../D06LA4	2448	3619	16100	10723	47700	467	212
0.4 HP (0.3 kW)	0.6	1.35	37616	4250	BF70G20-../D06LA4	2849	3619	16100	10723	47700	467	212
0.4 HP (0.3 kW)	0.48	1.05	47794	5400	BF70G20-../D06LA4	3417	3619	16100	10723	47700	467	212

0.5 HP (0.37 kW)



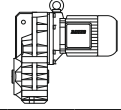
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	215	4.1	145	16.4	BF06-../D07LA4	7.66	405	1800	-	-	26	12
0.5 HP (0.37 kW)	176	3.5	177	20	BF06-../D07LA4	9.21	427	1900	-	-	26	12
0.5 HP (0.37 kW)	135	2.9	230	26	BF06-../D07LA4	12.07	450	2000	-	-	26	12
0.5 HP (0.37 kW)	115	2.8	270	30.5	BF06-../D07LA4	14.21	472	2100	-	-	26	12
0.5 HP (0.37 kW)	96	2.6	323	36.5	BF06-../D07LA4	16.99	562	2500	-	-	26	12
0.5 HP (0.37 kW)	80	2.2	389	44	BF06-../D07LA4	20.42	607	2700	-	-	26	12
0.5 HP (0.37 kW)	61	1.65	504	57	BF06-../D07LA4	26.76	674	3000	-	-	26	12
0.5 HP (0.37 kW)	52	1.4	593	67	BF06-../D07LA4	31.50	719	3200	-	-	26	12
0.5 HP (0.37 kW)	45	3.1	690	78	BF10-../D07LA4	36.15	854	3800	-	-	51	23
0.5 HP (0.37 kW)	43	1.15	726	82	BF06-../D07LA4	37.69	787	3500	-	-	26	12
0.5 HP (0.37 kW)	41	2.8	761	86	BF10-../D07LA4	39.75	888	3950	-	-	51	23
0.5 HP (0.37 kW)	38	2.6	814	92	BF10-../D07LA4	43.06	922	4100	-	-	51	23
0.5 HP (0.37 kW)	35.5	0.96	876	99	BF06-../D07LA4	46.14	854	3800	-	-	26	12
0.5 HP (0.37 kW)	34.5	2.4	903	102	BF10-../D07LA4	47.35	955	4250	-	-	51	23
0.5 HP (0.37 kW)	32	2.2	974	110	BF10-../D07LA4	51.28	989	4400	-	-	51	23
0.5 HP (0.37 kW)	29	2.0	1071	121	BF10-../D07LA4	56.39	1023	4550	-	-	51	23

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

0.5 HP (0.37 kW)



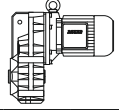
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.5 HP (0.37 kW)	28	3.3	1115	126	BF20-../D07LA4	58.24	1259	5600	-	-	66	30
0.5 HP (0.37 kW)	26.5	1.8	1177	133	BF10-../D07LA4	61.55	1057	4700	-	-	51	23
0.5 HP (0.37 kW)	25.5	3.0	1221	138	BF20-../D07LA4	64.08	1326	5900	-	-	66	30
0.5 HP (0.37 kW)	24	1.65	1301	147	BF10-../D07LA4	67.69	1102	4900	-	-	51	23
0.5 HP (0.37 kW)	23.5	2.8	1328	150	BF20-../D07LA4	69.70	1371	6100	-	-	66	30
0.5 HP (0.37 kW)	21.5	2.6	1452	164	BF20-../D07LA4	76.69	1416	6300	-	-	66	30
0.5 HP (0.37 kW)	21	1.45	1487	168	BF10-../D07LA4	77.55	1147	5100	-	-	51	23
0.5 HP (0.37 kW)	20.5	3.3	1522	172	BF30-../D07LA4	79.34	1326	5900	-	-	88	40
0.5 HP (0.37 kW)	19	1.3	1637	185	BF10-../D07LA4	85.27	1191	5300	-	-	51	23
0.5 HP (0.37 kW)	19	2.3	1637	185	BF20-../D07LA4	87.31	1484	6600	-	-	66	30
0.5 HP (0.37 kW)	19	3.1	1637	185	BF30-../D07LA4	87.08	1394	6200	-	-	88	40
0.5 HP (0.37 kW)	18	1.2	1735	196	BF10-../D07LA4	90.91	1214	5400	-	-	51	23
0.5 HP (0.37 kW)	17	2.0	1814	205	BF20-../D07LA4	96.08	1551	6900	-	-	66	30
0.5 HP (0.37 kW)	17	2.8	1814	205	BF30-../D07LA4	95.79	1439	6400	-	-	88	40
0.5 HP (0.37 kW)	16.5	1.15	1859	210	BF10-../D07LA4	99.97	1259	5600	-	-	51	23
0.5 HP (0.37 kW)	16.5	2.0	1859	210	BF20-../D07LA4	100.2	1574	7000	-	-	66	30
0.5 HP (0.37 kW)	15.5	2.6	1991	225	BF30-../D07LA4	107.6	1506	6700	-	-	88	40
0.5 HP (0.37 kW)	15	1.8	2080	235	BF20-../D07LA4	110.2	1641	7300	-	-	66	30
0.5 HP (0.37 kW)	14.5	1.0	2124	240	BF10-../D07LA4	112.3	1326	5900	-	-	51	23
0.5 HP (0.37 kW)	14	2.3	2213	250	BF30-../D07LA4	118.3	1574	7000	-	-	88	40
0.5 HP (0.37 kW)	13.5	1.6	2301	260	BF20-../D07LA4	123.5	1709	7600	-	-	66	30
0.5 HP (0.37 kW)	13	0.89	2390	270	BF10-../D07LA4	128.9	1394	6200	-	-	51	23
0.5 HP (0.37 kW)	13	2.1	2390	270	BF30-../D07LA4	124.7	1596	7100	-	-	88	40
0.5 HP (0.37 kW)	12	1.45	2567	290	BF20-../D07LA4	135.9	1776	7900	-	-	66	30
0.5 HP (0.37 kW)	12	2.0	2567	290	BF30-../D07LA4	137.1	1664	7400	-	-	88	40
0.5 HP (0.37 kW)	11.5	1.4	2699	305	BF20Z-../D07LA4	141.2	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	11.5	3.0	2699	305	BF40Z-../D07LA4	141.4	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	11	1.8	2832	320	BF30Z-../D07LA4	150.7	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	10.5	1.25	2965	335	BF20Z-../D07LA4	155.4	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	10.5	2.7	2965	335	BF40Z-../D07LA4	155.6	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	9.9	1.2	3142	355	BF20Z-../D07LA4	164.3	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	9.8	1.6	3186	360	BF30Z-../D07LA4	165.8	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	9.5	2.4	3275	370	BF40Z-../D07LA4	171.2	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	9.2	1.5	3363	380	BF30Z-../D07LA4	176.6	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	9.0	1.1	3452	390	BF20Z-../D07LA4	180.8	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	8.9	3.3	3496	395	BF50Z-../D07LA4	183.5	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	8.7	2.2	3585	405	BF40Z-../D07LA4	188.3	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	8.4	1.35	3717	420	BF30Z-../D07LA4	194.3	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	8.3	0.99	3762	425	BF20Z-../D07LA4	197.1	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	8.1	2.1	3850	435	BF40Z-../D07LA4	202.2	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	7.9	2.9	3939	445	BF50Z-../D07LA4	205.2	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	7.5	0.89	4160	470	BF20Z-../D07LA4	216.9	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	7.3	1.2	4248	480	BF30Z-../D07LA4	224.8	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	7.3	1.9	4248	480	BF40Z-../D07LA4	222.4	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	6.9	0.82	4514	510	BF20Z-../D07LA4	235.9	1776	7900	-	-	68	31
0.5 HP (0.37 kW)	6.6	1.1	4691	530	BF30Z-../D07LA4	247.3	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	6.6	2.5	4691	530	BF50Z-../D07LA4	247.5	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	6.4	1.65	4868	550	BF40Z-../D07LA4	253.2	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	6.2	1.05	4956	560	BF30Z-../D07LA4	263.5	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	5.9	1.55	5222	590	BF40Z-../D07LA4	278.5	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	5.9	2.2	5222	590	BF50Z-../D07LA4	276.8	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	5.6	0.91	5576	630	BF30Z-../D07LA4	289.8	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	5.5	1.4	5664	640	BF40Z-../D07LA4	295.1	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	5.3	0.87	5841	660	BF30Z-../D07LA4	310.7	1664	7400	-	-	93	42
0.5 HP (0.37 kW)	5.2	1.95	5930	670	BF50Z-../D07LA4	316.6	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	5.0	1.3	6196	700	BF40Z-../D07LA4	324.7	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	4.7	1.2	6638	750	BF40Z-../D07LA4	346.8	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	4.6	1.7	6727	760	BF50Z-../D07LA4	354.0	3057	13600	-	-	181	82

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

BF-series shaft-mounted geared motors

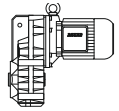
Selection - shaft-mounted geared motors

0.5 HP (0.37 kW)



P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	4.3	1.1	7258	820	BF40Z-../D07LA4	381.5	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	4.2	1.55	7435	840	BF50Z-../D07LA4	392.8	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	3.9	1.0	7966	900	BF40Z-../D07LA4	417.3	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	3.7	1.35	8408	950	BF50Z-../D07LA4	439.3	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	3.6	0.92	8674	980	BF40Z-../D07LA4	459.1	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	3.3	1.2	9470	1070	BF50Z-../D07LA4	496.4	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	3.2	0.82	9736	1100	BF40Z-../D07LA4	514.6	2383	10600	-	-	117	53
0.5 HP (0.37 kW)	3.0	1.1	10355	1170	BF50Z-../D07LA4	555.2	3057	13600	-	-	181	82
0.5 HP (0.37 kW)	2.9	2.6	8585	970	BF60G20-../D07LA4	569.3	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	2.8	0.93	9470	1070	BF40G10-../D07LA4	597.3	2383	10600	-	-	128	58
0.5 HP (0.37 kW)	2.4	1.1	11329	1280	BF50G10-../D07LA4	680.9	3057	13600	-	-	190	86
0.5 HP (0.37 kW)	2.4	2.1	10444	1180	BF60G20-../D07LA4	689.0	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	2.0	1.7	12922	1460	BF60G20-../D07LA4	813.2	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	1.9	0.85	14604	1650	BF50G10-../D07LA4	864.5	3057	13600	-	-	190	86
0.5 HP (0.37 kW)	1.8	1.5	14869	1680	BF60G20-../D07LA4	937.6	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	1.6	3.0	16816	1900	BF70G20-../D07LA4	1017	3619	16100	10723	47700	467	212
0.5 HP (0.37 kW)	1.4	1.15	19472	2200	BF60G20-../D07LA4	1211	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	1.2	2.2	22569	2550	BF70G20-../D07LA4	1390	3619	16100	10723	47700	467	212
0.5 HP (0.37 kW)	1.1	0.89	24782	2800	BF60G20-../D07LA4	1494	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	1.0	0.81	27437	3100	BF60G20-../D07LA4	1658	3440	15300	9734	43300	295	134
0.5 HP (0.37 kW)	1.0	1.85	27437	3100	BF70G20-../D07LA4	1621	3619	16100	10723	47700	467	212
0.5 HP (0.37 kW)	0.85	1.55	32748	3700	BF70G20-../D07LA4	1912	3619	16100	10723	47700	467	212
0.5 HP (0.37 kW)	0.7	1.25	40271	4550	BF70G20-../D07LA4	2448	3619	16100	10723	47700	467	212
0.5 HP (0.37 kW)	0.6	1.1	46909	5300	BF70G20-../D07LA4	2849	3619	16100	10723	47700	467	212

0.75 HP (0.55 kW)



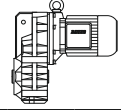
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	295	3.5	158	17.8	BF06-../D08MA4	5.72	360	1600	-	-	35	16
0.75 HP (0.55 kW)	220	2.9	208	23.5	BF06-../D08MA4	7.66	405	1800	-	-	35	16
0.75 HP (0.55 kW)	183	2.5	252	28.5	BF06-../D08MA4	9.21	427	1900	-	-	35	16
0.75 HP (0.55 kW)	140	2.0	332	37.5	BF06-../D08MA4	12.07	450	2000	-	-	35	16
0.75 HP (0.55 kW)	119	1.95	389	44	BF06-../D08MA4	14.21	472	2100	-	-	35	16
0.75 HP (0.55 kW)	99	1.8	469	53	BF06-../D08MA4	16.99	562	2500	-	-	35	16
0.75 HP (0.55 kW)	83	1.5	558	63	BF06-../D08MA4	20.42	607	2700	-	-	35	16
0.75 HP (0.55 kW)	66	3.0	699	79	BF10-../D08MA4	25.60	753	3350	-	-	60	27
0.75 HP (0.55 kW)	63	1.15	735	83	BF06-../D08MA4	26.76	674	3000	-	-	35	16
0.75 HP (0.55 kW)	60	2.8	770	87	BF10-../D08MA4	28.47	776	3450	-	-	60	27
0.75 HP (0.55 kW)	54	0.98	859	97	BF06-../D08MA4	31.50	719	3200	-	-	35	16
0.75 HP (0.55 kW)	54	2.5	859	97	BF10-../D08MA4	31.31	809	3600	-	-	60	27
0.75 HP (0.55 kW)	46.5	2.1	991	112	BF10-../D08MA4	36.15	854	3800	-	-	60	27
0.75 HP (0.55 kW)	45	0.82	1027	116	BF06-../D08MA4	37.69	787	3500	-	-	35	16
0.75 HP (0.55 kW)	42.5	1.95	1089	123	BF10-../D08MA4	39.75	888	3950	-	-	60	27
0.75 HP (0.55 kW)	40.5	3.3	1142	129	BF20-../D08MA4	41.72	1113	4950	-	-	73	33
0.75 HP (0.55 kW)	39.5	1.8	1168	132	BF10-../D08MA4	43.06	922	4100	-	-	60	27
0.75 HP (0.55 kW)	37	3.0	1248	141	BF20-../D08MA4	45.90	1147	5100	-	-	73	33
0.75 HP (0.55 kW)	35.5	1.65	1301	147	BF10-../D08MA4	47.35	955	4250	-	-	60	27
0.75 HP (0.55 kW)	35	2.8	1328	150	BF20-../D08MA4	48.56	1169	5200	-	-	73	33
0.75 HP (0.55 kW)	33	1.5	1407	159	BF10-../D08MA4	51.28	989	4400	-	-	60	27
0.75 HP (0.55 kW)	31.5	2.5	1469	166	BF20-../D08MA4	53.43	1236	5500	-	-	73	33
0.75 HP (0.55 kW)	30	1.35	1549	175	BF10-../D08MA4	56.39	1023	4550	-	-	60	27

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

0.75 HP (0.55 kW)



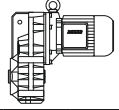
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.75 HP (0.55 kW)	29.5	3.2	1575	178	BF30-../D08MA4	57.41	1169	5200	-	-	95	43
0.75 HP (0.55 kW)	29	2.3	1602	181	BF20-../D08MA4	58.24	1259	5600	-	-	73	33
0.75 HP (0.55 kW)	27.5	1.25	1690	191	BF10-../D08MA4	61.55	1057	4700	-	-	60	27
0.75 HP (0.55 kW)	27.5	3.0	1690	191	BF30-../D08MA4	61.17	1191	5300	-	-	95	43
0.75 HP (0.55 kW)	26.5	2.1	1752	198	BF20-../D08MA4	64.08	1326	5900	-	-	73	33
0.75 HP (0.55 kW)	25	1.15	1859	210	BF10-../D08MA4	67.69	1102	4900	-	-	60	27
0.75 HP (0.55 kW)	25	2.7	1859	210	BF30-../D08MA4	67.28	1236	5500	-	-	95	43
0.75 HP (0.55 kW)	24.5	2.0	1859	210	BF20-../D08MA4	69.70	1371	6100	-	-	73	33
0.75 HP (0.55 kW)	23.5	2.6	1947	220	BF30-../D08MA4	72.13	1281	5700	-	-	95	43
0.75 HP (0.55 kW)	22	1.0	2080	235	BF10-../D08MA4	77.55	1147	5100	-	-	60	27
0.75 HP (0.55 kW)	22	1.8	2080	235	BF20-../D08MA4	76.69	1416	6300	-	-	73	33
0.75 HP (0.55 kW)	21.5	2.4	2124	240	BF30-../D08MA4	79.34	1326	5900	-	-	95	43
0.75 HP (0.55 kW)	20	0.92	2301	260	BF10-../D08MA4	85.27	1191	5300	-	-	60	27
0.75 HP (0.55 kW)	19.5	1.6	2345	265	BF20-../D08MA4	87.31	1484	6600	-	-	73	33
0.75 HP (0.55 kW)	19.5	2.2	2345	265	BF30-../D08MA4	87.08	1394	6200	-	-	95	43
0.75 HP (0.55 kW)	18.5	0.86	2478	280	BF10-../D08MA4	90.91	1214	5400	-	-	60	27
0.75 HP (0.55 kW)	18.5	3.2	2478	280	BF40-../D08MA4	92.31	2046	9100	-	-	117	53
0.75 HP (0.55 kW)	18	2.0	2567	290	BF30-../D08MA4	95.79	1439	6400	-	-	95	43
0.75 HP (0.55 kW)	17	1.4	2699	305	BF20-../D08MA4	100.2	1574	7000	-	-	73	33
0.75 HP (0.55 kW)	17	3.0	2699	305	BF40-../D08MA4	101.0	2113	9400	-	-	117	53
0.75 HP (0.55 kW)	16	1.75	2876	325	BF30-../D08MA4	107.6	1506	6700	-	-	95	43
0.75 HP (0.55 kW)	15.5	1.25	2965	335	BF20-../D08MA4	110.2	1641	7300	-	-	73	33
0.75 HP (0.55 kW)	15.5	2.7	2965	335	BF40-../D08MA4	111.1	2203	9800	-	-	117	53
0.75 HP (0.55 kW)	14.5	1.6	3186	360	BF30-../D08MA4	118.3	1574	7000	-	-	95	43
0.75 HP (0.55 kW)	14	1.1	3319	375	BF20-../D08MA4	123.5	1709	7600	-	-	73	33
0.75 HP (0.55 kW)	13.5	1.5	3408	385	BF30-../D08MA4	124.7	1596	7100	-	-	95	43
0.75 HP (0.55 kW)	13.5	2.3	3408	385	BF40-../D08MA4	124.5	2293	10200	-	-	117	53
0.75 HP (0.55 kW)	12.5	1.0	3717	420	BF20-../D08MA4	135.9	1776	7900	-	-	73	33
0.75 HP (0.55 kW)	12.5	1.35	3717	420	BF30-../D08MA4	137.1	1664	7400	-	-	95	43
0.75 HP (0.55 kW)	12.5	2.1	3717	420	BF40-../D08MA4	137.0	2383	10600	-	-	117	53
0.75 HP (0.55 kW)	12.5	3.1	3717	420	BF50Z-../D08MA4	138.1	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	12	0.97	3850	435	BF20Z-../D08MA4	141.2	1776	7900	-	-	77	35
0.75 HP (0.55 kW)	12	2.1	3850	435	BF40Z-../D08MA4	141.4	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	11.5	1.25	4027	455	BF30Z-../D08MA4	150.7	1664	7400	-	-	101	46
0.75 HP (0.55 kW)	11	0.88	4204	475	BF20Z-../D08MA4	155.4	1776	7900	-	-	77	35
0.75 HP (0.55 kW)	11	1.9	4204	475	BF40Z-../D08MA4	155.6	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	11	2.7	4204	475	BF50Z-../D08MA4	154.5	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	10.5	0.84	4425	500	BF20Z-../D08MA4	164.3	1776	7900	-	-	77	35
0.75 HP (0.55 kW)	10.5	1.15	4425	500	BF30Z-../D08MA4	165.8	1664	7400	-	-	101	46
0.75 HP (0.55 kW)	9.9	1.7	4691	530	BF40Z-../D08MA4	171.2	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	9.6	1.05	4779	540	BF30Z-../D08MA4	176.6	1664	7400	-	-	101	46
0.75 HP (0.55 kW)	9.2	2.3	5045	570	BF50Z-../D08MA4	183.5	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	9.0	1.55	5133	580	BF40Z-../D08MA4	188.3	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	8.7	0.96	5310	600	BF30Z-../D08MA4	194.3	1664	7400	-	-	101	46
0.75 HP (0.55 kW)	8.4	1.45	5487	620	BF40Z-../D08MA4	202.2	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	8.2	2.0	5664	640	BF50Z-../D08MA4	205.2	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	7.6	1.3	6107	690	BF40Z-../D08MA4	222.4	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	7.6	3.3	6107	690	BF60Z-../D08MA4	221.4	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	7.5	0.82	6196	700	BF30Z-../D08MA4	224.8	1664	7400	-	-	101	46
0.75 HP (0.55 kW)	6.9	3.0	6727	760	BF60Z-../D08MA4	245.6	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	6.8	1.7	6815	770	BF50Z-../D08MA4	247.5	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	6.7	1.15	6904	780	BF40Z-../D08MA4	253.2	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	6.1	1.05	7612	860	BF40Z-../D08MA4	278.5	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	6.1	1.5	7612	860	BF50Z-../D08MA4	276.8	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	5.8	2.6	7966	900	BF60Z-../D08MA4	293.4	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	5.7	0.98	8143	920	BF40Z-../D08MA4	295.1	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	5.4	1.35	8585	970	BF50Z-../D08MA4	316.6	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	5.2	0.89	8939	1010	BF40Z-../D08MA4	324.7	2383	10600	-	-	123	56

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

BF-series shaft-mounted geared motors

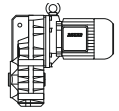
Selection - shaft-mounted geared motors

0.75 HP (0.55 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.75 HP (0.55 kW)	5.2	2.3	8939	1010	BF60Z-../D08MA4	325.6	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	4.9	0.84	9470	1070	BF40Z-../D08MA4	346.8	2383	10600	-	-	123	56
0.75 HP (0.55 kW)	4.8	1.2	9647	1090	BF50Z-../D08MA4	354.0	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	4.5	2.0	10267	1160	BF60Z-../D08MA4	380.0	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	4.3	1.05	10798	1220	BF50Z-../D08MA4	392.8	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	4.0	1.75	11594	1310	BF60Z-../D08MA4	421.6	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	3.9	0.97	11860	1340	BF50Z-../D08MA4	439.3	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	3.7	1.65	12480	1410	BF60Z-../D08MA4	459.9	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	3.4	0.84	13630	1540	BF50Z-../D08MA4	496.4	3057	13600	-	-	190	86
0.75 HP (0.55 kW)	3.3	1.45	14073	1590	BF60Z-../D08MA4	510.3	3440	15300	9734	43300	287	130
0.75 HP (0.55 kW)	3.3	3.3	14073	1590	BF70Z-../D08MA4	512.4	3619	16100	10723	47700	481	218
0.75 HP (0.55 kW)	3.1	0.92	13453	1520	BF50G10-../D08MA4	555.9	3057	13600	-	-	198	90
0.75 HP (0.55 kW)	3.0	1.65	13365	1510	BF60G20-../D08MA4	569.3	3440	15300	9734	43300	302	137
0.75 HP (0.55 kW)	2.5	1.4	16020	1810	BF60G20-../D08MA4	689.0	3440	15300	9734	43300	302	137
0.75 HP (0.55 kW)	2.5	3.1	16020	1810	BF70G20-../D08MA4	673.6	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	2.1	1.15	19029	2150	BF60G20-../D08MA4	813.2	3440	15300	9734	43300	302	137
0.75 HP (0.55 kW)	2.0	2.4	20799	2350	BF70G20-../D08MA4	872.1	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	1.8	0.96	23012	2600	BF60G20-../D08MA4	937.6	3440	15300	9734	43300	302	137
0.75 HP (0.55 kW)	1.7	2.1	24340	2750	BF70G20-../D08MA4	1017	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	1.5	3.0	30978	3500	BF80Z-../D08MA4	1124	8902	39600	16861	75000	736	334
0.75 HP (0.55 kW)	1.3	1.55	32305	3650	BF70G20-../D08MA4	1390	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	1.1	1.3	38501	4350	BF70G20-../D08MA4	1621	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	1.0	2.9	32305	3650	BF80G40-../D08MA4	1693	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.9	1.05	47794	5400	BF70G20-../D08MA4	1912	3619	16100	10723	47700	476	216
0.75 HP (0.55 kW)	0.85	2.3	40271	4550	BF80G40-../D08MA4	2051	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.7	1.8	52219	5900	BF80G40-../D08MA4	2422	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.65	1.75	53104	6000	BF80G40-../D08MA4	2785	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.65	3.2	50449	5700	BF90G50-../D08MA4	2656	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.6	2.8	57530	6500	BF90G50-../D08MA4	2952	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.55	1.4	65496	7400	BF80G40-../D08MA4	3092	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.55	2.6	61955	7000	BF90G50-../D08MA4	3286	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.49	1.25	75231	8500	BF80G40-../D08MA4	3461	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.47	2.2	76116	8600	BF90G50-../D08MA4	3644	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.44	1.1	84967	9600	BF80G40-../D08MA4	3843	8902	39600	16861	75000	750	340
0.75 HP (0.55 kW)	0.39	1.7	96473	10900	BF90G50-../D08MA4	4366	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.35	1.5	110634	12500	BF90G50-../D08MA4	4839	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.29	1.2	138072	15600	BF90G50-../D08MA4	5888	9622	42800	26977	120000	1345	610
0.75 HP (0.55 kW)	0.26	1.05	155773	17600	BF90G50-../D08MA4	6529	9622	42800	26977	120000	1345	610

1 HP (0.75 kW)



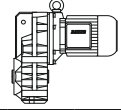
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
1 HP (0.75 kW)	305	2.7	204	23	BF06-../DPE08XB4	5.72	360	1600	-	-	40	18
1 HP (0.75 kW)	230	2.2	274	31	BF06-../DPE08XB4	7.66	405	1800	-	-	40	18
1 HP (0.75 kW)	189	1.85	332	37.5	BF06-../DPE08XB4	9.21	427	1900	-	-	40	18
1 HP (0.75 kW)	144	1.5	438	49.5	BF06-../DPE08XB4	12.07	450	2000	-	-	40	18
1 HP (0.75 kW)	123	1.45	513	58	BF06-../DPE08XB4	14.21	472	2100	-	-	40	18
1 HP (0.75 kW)	116	3.0	540	61	BF10-../DPE08XB4	15.04	629	2800	-	-	66	30
1 HP (0.75 kW)	103	1.4	611	69	BF06-../DPE08XB4	16.99	562	2500	-	-	40	18
1 HP (0.75 kW)	96	3.2	655	74	BF10-../DPE08XB4	18.23	652	2900	-	-	66	30
1 HP (0.75 kW)	87	2.9	726	82	BF10-../DPE08XB4	20.05	674	3000	-	-	66	30

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

1 HP (0.75 kW)



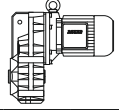
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
1 HP (0.75 kW)	85	1.15	743	84	BF06-../DPE08XB4	20.42	607	2700	-	-	40	18
1 HP (0.75 kW)	75	2.5	841	95	BF10-../DPE08XB4	23.28	719	3200	-	-	66	30
1 HP (0.75 kW)	68	2.3	929	105	BF10-../DPE08XB4	25.60	753	3350	-	-	66	30
1 HP (0.75 kW)	65	0.86	974	110	BF06-../DPE08XB4	26.76	674	3000	-	-	40	18
1 HP (0.75 kW)	61	2.1	1036	117	BF10-../DPE08XB4	28.47	776	3450	-	-	66	30
1 HP (0.75 kW)	56	1.9	1124	127	BF10-../DPE08XB4	31.31	809	3600	-	-	66	30
1 HP (0.75 kW)	54	3.2	1168	132	BF20-../DPE08XB4	32.58	1000	4450	-	-	79	36
1 HP (0.75 kW)	48.5	2.9	1301	147	BF20-../DPE08XB4	35.85	1045	4650	-	-	79	36
1 HP (0.75 kW)	48	1.6	1319	149	BF10-../DPE08XB4	36.15	854	3800	-	-	66	30
1 HP (0.75 kW)	44	1.5	1434	162	BF10-../DPE08XB4	39.75	888	3950	-	-	66	30
1 HP (0.75 kW)	42	2.5	1505	170	BF20-../DPE08XB4	41.72	1113	4950	-	-	79	36
1 HP (0.75 kW)	40.5	1.35	1558	176	BF10-../DPE08XB4	43.06	922	4100	-	-	66	30
1 HP (0.75 kW)	38.5	3.1	1646	186	BF30-../DPE08XB4	45.10	1057	4700	-	-	101	46
1 HP (0.75 kW)	38	2.2	1664	188	BF20-../DPE08XB4	45.90	1147	5100	-	-	79	36
1 HP (0.75 kW)	37	1.25	1708	193	BF10-../DPE08XB4	47.35	955	4250	-	-	66	30
1 HP (0.75 kW)	36	2.1	1752	198	BF20-../DPE08XB4	48.56	1169	5200	-	-	79	36
1 HP (0.75 kW)	34	1.15	1859	210	BF10-../DPE08XB4	51.28	989	4400	-	-	66	30
1 HP (0.75 kW)	33.5	2.7	1859	210	BF30-../DPE08XB4	52.20	1124	5000	-	-	101	46
1 HP (0.75 kW)	32.5	1.9	1947	220	BF20-../DPE08XB4	53.43	1236	5500	-	-	79	36
1 HP (0.75 kW)	31	1.05	2036	230	BF10-../DPE08XB4	56.39	1023	4550	-	-	66	30
1 HP (0.75 kW)	30.5	2.5	2036	230	BF30-../DPE08XB4	57.41	1169	5200	-	-	101	46
1 HP (0.75 kW)	30	1.8	2080	235	BF20-../DPE08XB4	58.24	1259	5600	-	-	79	36
1 HP (0.75 kW)	28.5	0.96	2213	250	BF10-../DPE08XB4	61.55	1057	4700	-	-	66	30
1 HP (0.75 kW)	28.5	2.3	2213	250	BF30-../DPE08XB4	61.17	1191	5300	-	-	101	46
1 HP (0.75 kW)	27.5	1.6	2301	260	BF20-../DPE08XB4	64.08	1326	5900	-	-	79	36
1 HP (0.75 kW)	26	0.87	2434	275	BF10-../DPE08XB4	67.69	1102	4900	-	-	66	30
1 HP (0.75 kW)	26	2.1	2434	275	BF30-../DPE08XB4	67.28	1236	5500	-	-	101	46
1 HP (0.75 kW)	26	3.3	2434	275	BF40-../DPE08XB4	67.38	1798	8000	-	-	123	56
1 HP (0.75 kW)	25	1.45	2522	285	BF20-../DPE08XB4	69.70	1371	6100	-	-	79	36
1 HP (0.75 kW)	24.5	2.0	2567	290	BF30-../DPE08XB4	72.13	1281	5700	-	-	101	46
1 HP (0.75 kW)	24.5	3.1	2567	290	BF40-../DPE08XB4	71.40	1821	8100	-	-	123	56
1 HP (0.75 kW)	23	1.35	2744	310	BF20-../DPE08XB4	76.69	1416	6300	-	-	79	36
1 HP (0.75 kW)	22.5	2.9	2788	315	BF40-../DPE08XB4	78.55	1911	8500	-	-	123	56
1 HP (0.75 kW)	22	1.75	2876	325	BF30-../DPE08XB4	79.34	1326	5900	-	-	101	46
1 HP (0.75 kW)	21	2.6	3009	340	BF40-../DPE08XB4	83.91	1956	8700	-	-	123	56
1 HP (0.75 kW)	20	1.2	3142	355	BF20-../DPE08XB4	87.31	1484	6600	-	-	79	36
1 HP (0.75 kW)	20	1.6	3142	355	BF30-../DPE08XB4	87.08	1394	6200	-	-	101	46
1 HP (0.75 kW)	19	2.4	3319	375	BF40-../DPE08XB4	92.31	2046	9100	-	-	123	56
1 HP (0.75 kW)	18.5	1.1	3408	385	BF20-../DPE08XB4	96.08	1551	6900	-	-	79	36
1 HP (0.75 kW)	18.5	1.5	3408	385	BF30-../DPE08XB4	95.79	1439	6400	-	-	101	46
1 HP (0.75 kW)	17.5	1.05	3585	405	BF20-../DPE08XB4	100.2	1574	7000	-	-	79	36
1 HP (0.75 kW)	17.5	2.2	3585	405	BF40-../DPE08XB4	101.0	2113	9400	-	-	123	56
1 HP (0.75 kW)	17.5	3.2	3585	405	BF50-../DPE08XB4	100.9	2765	12300	-	-	185	84
1 HP (0.75 kW)	16.5	1.35	3806	430	BF30-../DPE08XB4	107.6	1506	6700	-	-	101	46
1 HP (0.75 kW)	16	0.94	3939	445	BF20-../DPE08XB4	110.2	1641	7300	-	-	79	36
1 HP (0.75 kW)	16	2.0	3939	445	BF40-../DPE08XB4	111.1	2203	9800	-	-	123	56
1 HP (0.75 kW)	15.5	2.8	4071	460	BF50-../DPE08XB4	114.0	2900	12900	-	-	185	84
1 HP (0.75 kW)	15	1.2	4204	475	BF30-../DPE08XB4	118.3	1574	7000	-	-	101	46
1 HP (0.75 kW)	14.5	0.86	4337	490	BF20-../DPE08XB4	123.5	1709	7600	-	-	79	36
1 HP (0.75 kW)	14	1.15	4514	510	BF30-../DPE08XB4	124.7	1596	7100	-	-	101	46
1 HP (0.75 kW)	14	1.75	4514	510	BF40-../DPE08XB4	124.5	2293	10200	-	-	123	56
1 HP (0.75 kW)	14	2.5	4514	510	BF50-../DPE08XB4	127.5	3057	13600	-	-	185	84
1 HP (0.75 kW)	13	1.05	4868	550	BF30-../DPE08XB4	137.1	1664	7400	-	-	101	46
1 HP (0.75 kW)	13	1.65	4868	550	BF40-../DPE08XB4	137.0	2383	10600	-	-	123	56
1 HP (0.75 kW)	13	2.4	4868	550	BF50Z-../DPE08XB4	138.1	3057	13600	-	-	196	89
1 HP (0.75 kW)	12.5	1.6	5045	570	BF40Z-../DPE08XB4	141.4	2383	10600	-	-	130	59
1 HP (0.75 kW)	12	0.97	5222	590	BF30Z-../DPE08XB4	150.7	1664	7400	-	-	108	49
1 HP (0.75 kW)	11.5	1.45	5487	620	BF40Z-../DPE08XB4	155.6	2383	10600	-	-	130	59

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

1 HP (0.75 kW)



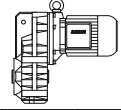
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
1 HP (0.75 kW)	11.5	2.1	5487	620	BF50Z-../DPE08XB4	154.5	3057	13600	-	-	196	89
1 HP (0.75 kW)	10.5	0.85	6019	680	BF30Z-../DPE08XB4	165.8	1664	7400	-	-	108	49
1 HP (0.75 kW)	10.5	1.3	6019	680	BF40Z-../DPE08XB4	171.2	2383	10600	-	-	130	59
1 HP (0.75 kW)	9.9	0.8	6373	720	BF30Z-../DPE08XB4	176.6	1664	7400	-	-	108	49
1 HP (0.75 kW)	9.5	1.75	6638	750	BF50Z-../DPE08XB4	183.5	3057	13600	-	-	196	89
1 HP (0.75 kW)	9.3	1.15	6815	770	BF40Z-../DPE08XB4	188.3	2383	10600	-	-	130	59
1 HP (0.75 kW)	9.3	3.0	6815	770	BF60Z-../DPE08XB4	187.7	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	8.6	1.1	7346	830	BF40Z-../DPE08XB4	202.2	2383	10600	-	-	130	59
1 HP (0.75 kW)	8.5	1.55	7435	840	BF50Z-../DPE08XB4	205.2	3057	13600	-	-	196	89
1 HP (0.75 kW)	7.9	1.0	7966	900	BF40Z-../DPE08XB4	222.4	2383	10600	-	-	130	59
1 HP (0.75 kW)	7.9	2.6	7966	900	BF60Z-../DPE08XB4	221.4	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	7.1	1.3	8851	1000	BF50Z-../DPE08XB4	247.5	3057	13600	-	-	196	89
1 HP (0.75 kW)	7.1	2.3	8851	1000	BF60Z-../DPE08XB4	245.6	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	6.9	0.87	9116	1030	BF40Z-../DPE08XB4	253.2	2383	10600	-	-	130	59
1 HP (0.75 kW)	6.3	0.8	10001	1130	BF40Z-../DPE08XB4	278.5	2383	10600	-	-	130	59
1 HP (0.75 kW)	6.3	1.15	10001	1130	BF50Z-../DPE08XB4	276.8	3057	13600	-	-	196	89
1 HP (0.75 kW)	6.0	1.95	10532	1190	BF60Z-../DPE08XB4	293.4	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	5.5	1.0	11506	1300	BF50Z-../DPE08XB4	316.6	3057	13600	-	-	196	89
1 HP (0.75 kW)	5.4	1.75	11683	1320	BF60Z-../DPE08XB4	325.6	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	5.0	0.91	12657	1430	BF50Z-../DPE08XB4	354.0	3057	13600	-	-	196	89
1 HP (0.75 kW)	4.6	1.5	13719	1550	BF60Z-../DPE08XB4	380.0	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	4.5	0.82	14073	1590	BF50Z-../DPE08XB4	392.8	3057	13600	-	-	196	89
1 HP (0.75 kW)	4.4	3.2	14338	1620	BF70Z-../DPE08XB4	398.7	3619	16100	10723	47700	487	221
1 HP (0.75 kW)	4.2	1.35	15046	1700	BF60Z-../DPE08XB4	421.6	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	4.0	2.9	15843	1790	BF70Z-../DPE08XB4	439.2	3619	16100	10723	47700	487	221
1 HP (0.75 kW)	3.8	1.2	16639	1880	BF60Z-../DPE08XB4	459.9	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	3.4	1.1	18587	2100	BF60Z-../DPE08XB4	510.3	3440	15300	9734	43300	293	133
1 HP (0.75 kW)	3.4	2.5	18587	2100	BF70Z-../DPE08XB4	512.4	3619	16100	10723	47700	487	221
1 HP (0.75 kW)	3.1	1.2	18144	2050	BF60G20-../DPE08XB4	569.3	3440	15300	9734	43300	309	140
1 HP (0.75 kW)	3.1	2.8	18144	2050	BF70G20-../DPE08XB4	577.5	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	2.6	1.0	21684	2450	BF60G20-../DPE08XB4	689.0	3440	15300	9734	43300	309	140
1 HP (0.75 kW)	2.6	2.3	21684	2450	BF70G20-../DPE08XB4	673.6	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	2.2	0.86	25667	2900	BF60G20-../DPE08XB4	813.2	3440	15300	9734	43300	309	140
1 HP (0.75 kW)	2.0	1.75	29207	3300	BF70G20-../DPE08XB4	872.1	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	2.0	3.0	31420	3550	BF80Z-../DPE08XB4	874.6	8902	39600	16861	75000	745	338
1 HP (0.75 kW)	1.8	1.55	32305	3650	BF70G20-../DPE08XB4	1017	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	1.8	2.7	34960	3950	BF80Z-../DPE08XB4	990.4	8902	39600	16861	75000	745	338
1 HP (0.75 kW)	1.6	2.4	39386	4450	BF80Z-../DPE08XB4	1124	8902	39600	16861	75000	745	338
1 HP (0.75 kW)	1.4	2.9	32305	3650	BF80G40-../DPE08XB4	1329	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	1.3	1.1	45139	5100	BF70G20-../DPE08XB4	1390	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	1.2	2.3	40271	4550	BF80G40-../DPE08XB4	1491	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	1.1	0.93	53990	6100	BF70G20-../DPE08XB4	1621	3619	16100	10723	47700	483	219
1 HP (0.75 kW)	1.1	2.1	43369	4900	BF80G40-../DPE08XB4	1693	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	0.95	3.2	50449	5700	BF90G50-../DPE08XB4	1867	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.85	1.55	60185	6800	BF80G40-../DPE08XB4	2051	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	0.85	2.9	55760	6300	BF90G50-../DPE08XB4	2154	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.75	1.35	69921	7900	BF80G40-../DPE08XB4	2422	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	0.7	2.4	69036	7800	BF90G50-../DPE08XB4	2656	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.65	1.2	78772	8900	BF80G40-../DPE08XB4	2785	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	0.6	1.05	86737	9800	BF80G40-../DPE08XB4	3092	8902	39600	16861	75000	756	343
1 HP (0.75 kW)	0.6	1.95	84967	9600	BF90G50-../DPE08XB4	2952	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.55	1.75	92933	10500	BF90G50-../DPE08XB4	3286	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.48	1.5	109749	12400	BF90G50-../DPE08XB4	3644	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.4	1.2	136301	15400	BF90G50-../DPE08XB4	4366	9622	42800	26977	120000	1354	614
1 HP (0.75 kW)	0.36	1.05	153118	17300	BF90G50-../DPE08XB4	4839	9622	42800	26977	120000	1354	614

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

1.5 HP (1.1 kW)

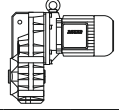


P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
1.5 HP (1.1 kW)	315	4.2	292	33	BF10-../DPE09XB4	5.60	438	1950	-	-	88	40
1.5 HP (1.1 kW)	235	3.4	394	44.5	BF10-../DPE09XB4	7.58	495	2200	-	-	88	40
1.5 HP (1.1 kW)	182	3.1	504	57	BF10-../DPE09XB4	9.69	528	2350	-	-	88	40
1.5 HP (1.1 kW)	149	2.6	620	70	BF10-../DPE09XB4	11.84	562	2500	-	-	88	40
1.5 HP (1.1 kW)	117	2.1	788	89	BF10-../DPE09XB4	15.04	629	2800	-	-	88	40
1.5 HP (1.1 kW)	113	3.3	814	92	BF20-../DPE09XB4	15.54	776	3450	-	-	101	46
1.5 HP (1.1 kW)	97	2.2	956	108	BF10-../DPE09XB4	18.23	652	2900	-	-	88	40
1.5 HP (1.1 kW)	88	2.0	1053	119	BF10-../DPE09XB4	20.05	674	3000	-	-	88	40
1.5 HP (1.1 kW)	80	3.0	1159	131	BF20-../DPE09XB4	22.04	854	3800	-	-	101	46
1.5 HP (1.1 kW)	76	1.75	1221	138	BF10-../DPE09XB4	23.28	719	3200	-	-	88	40
1.5 HP (1.1 kW)	73	2.8	1266	143	BF20-../DPE09XB4	24.25	888	3950	-	-	101	46
1.5 HP (1.1 kW)	69	1.6	1345	152	BF10-../DPE09XB4	25.60	753	3350	-	-	88	40
1.5 HP (1.1 kW)	64	2.6	1452	164	BF20-../DPE09XB4	27.62	933	4150	-	-	101	46
1.5 HP (1.1 kW)	62	1.4	1496	169	BF10-../DPE09XB4	28.47	776	3450	-	-	88	40
1.5 HP (1.1 kW)	58	2.3	1602	181	BF20-../DPE09XB4	30.40	989	4400	-	-	101	46
1.5 HP (1.1 kW)	57	1.3	1629	184	BF10-../DPE09XB4	31.31	809	3600	-	-	88	40
1.5 HP (1.1 kW)	57	3.1	1629	184	BF30-../DPE09XB4	31.05	899	4000	-	-	126	57
1.5 HP (1.1 kW)	54	2.2	1717	194	BF20-../DPE09XB4	32.58	1000	4450	-	-	101	46
1.5 HP (1.1 kW)	51	2.8	1814	205	BF30-../DPE09XB4	35.00	944	4200	-	-	126	57
1.5 HP (1.1 kW)	49	1.15	1859	210	BF10-../DPE09XB4	36.15	854	3800	-	-	88	40
1.5 HP (1.1 kW)	49	2.0	1859	210	BF20-../DPE09XB4	35.85	1045	4650	-	-	101	46
1.5 HP (1.1 kW)	46	2.6	1991	225	BF30-../DPE09XB4	38.49	989	4400	-	-	126	57
1.5 HP (1.1 kW)	44.5	1.0	2080	235	BF10-../DPE09XB4	39.75	888	3950	-	-	88	40
1.5 HP (1.1 kW)	43	2.4	2124	240	BF30-../DPE09XB4	41.01	1012	4500	-	-	126	57
1.5 HP (1.1 kW)	42.5	1.7	2168	245	BF20-../DPE09XB4	41.72	1113	4950	-	-	101	46
1.5 HP (1.1 kW)	41	0.94	2257	255	BF10-../DPE09XB4	43.06	922	4100	-	-	88	40
1.5 HP (1.1 kW)	39	2.2	2345	265	BF30-../DPE09XB4	45.10	1057	4700	-	-	126	57
1.5 HP (1.1 kW)	38.5	1.55	2390	270	BF20-../DPE09XB4	45.90	1147	5100	-	-	101	46
1.5 HP (1.1 kW)	37.5	0.86	2478	280	BF10-../DPE09XB4	47.35	955	4250	-	-	88	40
1.5 HP (1.1 kW)	36.5	1.45	2522	285	BF20-../DPE09XB4	48.56	1169	5200	-	-	101	46
1.5 HP (1.1 kW)	36	3.1	2567	290	BF40-../DPE09XB4	48.92	1574	7000	-	-	146	66
1.5 HP (1.1 kW)	34.5	0.8	2655	300	BF10-../DPE09XB4	51.28	989	4400	-	-	88	40
1.5 HP (1.1 kW)	34	1.9	2699	305	BF30-../DPE09XB4	52.20	1124	5000	-	-	126	57
1.5 HP (1.1 kW)	33	1.35	2788	315	BF20-../DPE09XB4	53.43	1236	5500	-	-	101	46
1.5 HP (1.1 kW)	33	2.9	2788	315	BF40-../DPE09XB4	53.82	1619	7200	-	-	146	66
1.5 HP (1.1 kW)	31	1.7	2965	335	BF30-../DPE09XB4	57.41	1169	5200	-	-	126	57
1.5 HP (1.1 kW)	30.5	1.25	3009	340	BF20-../DPE09XB4	58.24	1259	5600	-	-	101	46
1.5 HP (1.1 kW)	29	1.6	3186	360	BF30-../DPE09XB4	61.17	1191	5300	-	-	126	57
1.5 HP (1.1 kW)	29	2.5	3186	360	BF40-../DPE09XB4	61.25	1709	7600	-	-	146	66
1.5 HP (1.1 kW)	27.5	1.1	3363	380	BF20-../DPE09XB4	64.08	1326	5900	-	-	101	46
1.5 HP (1.1 kW)	26.5	1.45	3496	395	BF30-../DPE09XB4	67.28	1236	5500	-	-	126	57
1.5 HP (1.1 kW)	26.5	2.3	3496	395	BF40-../DPE09XB4	67.38	1798	8000	-	-	146	66
1.5 HP (1.1 kW)	25.5	1.0	3629	410	BF20-../DPE09XB4	69.70	1371	6100	-	-	101	46
1.5 HP (1.1 kW)	25	2.1	3717	420	BF40-../DPE09XB4	71.40	1821	8100	-	-	146	66
1.5 HP (1.1 kW)	24.5	1.35	3762	425	BF30-../DPE09XB4	72.13	1281	5700	-	-	126	57
1.5 HP (1.1 kW)	24.5	3.1	3762	425	BF50-../DPE09XB4	72.72	2405	10700	-	-	207	94
1.5 HP (1.1 kW)	23	0.92	4027	455	BF20-../DPE09XB4	76.69	1416	6300	-	-	101	46
1.5 HP (1.1 kW)	22.5	1.25	4116	465	BF30-../DPE09XB4	79.34	1326	5900	-	-	126	57
1.5 HP (1.1 kW)	22.5	1.95	4116	465	BF40-../DPE09XB4	78.55	1911	8500	-	-	146	66
1.5 HP (1.1 kW)	22	2.7	4204	475	BF50-../DPE09XB4	81.33	2540	11300	-	-	207	94
1.5 HP (1.1 kW)	21	1.8	4425	500	BF40-../DPE09XB4	83.91	1956	8700	-	-	146	66
1.5 HP (1.1 kW)	20.5	0.82	4514	510	BF20-../DPE09XB4	87.31	1484	6600	-	-	101	46
1.5 HP (1.1 kW)	20.5	1.15	4514	510	BF30-../DPE09XB4	87.08	1394	6200	-	-	126	57
1.5 HP (1.1 kW)	19.5	1.7	4691	530	BF40-../DPE09XB4	92.31	2046	9100	-	-	146	66
1.5 HP (1.1 kW)	19.5	2.5	4691	530	BF50-../DPE09XB4	90.24	2653	11800	-	-	207	94
1.5 HP (1.1 kW)	18.5	1.05	4956	560	BF30-../DPE09XB4	95.79	1439	6400	-	-	126	57
1.5 HP (1.1 kW)	17.5	1.5	5310	600	BF40-../DPE09XB4	101.0	2113	9400	-	-	146	66
1.5 HP (1.1 kW)	17.5	2.2	5310	600	BF50-../DPE09XB4	100.9	2765	12300	-	-	207	94

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



1.5 HP (1.1 kW)

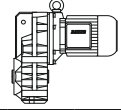
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
1.5 HP (1.1 kW)	16.5	0.91	5576	630	BF30-../DPE09XB4	107.6	1506	6700	-	-	126	57
1.5 HP (1.1 kW)	16	1.4	5753	650	BF40-../DPE09XB4	111.1	2203	9800	-	-	146	66
1.5 HP (1.1 kW)	15.5	1.95	5930	670	BF50-../DPE09XB4	114.0	2900	12900	-	-	207	94
1.5 HP (1.1 kW)	14.5	0.8	6373	720	BF30-../DPE09XB4	124.7	1596	7100	-	-	126	57
1.5 HP (1.1 kW)	14.5	1.25	6373	720	BF40-../DPE09XB4	124.5	2293	10200	-	-	146	66
1.5 HP (1.1 kW)	14	1.75	6638	750	BF50-../DPE09XB4	127.5	3057	13600	-	-	207	94
1.5 HP (1.1 kW)	14	3.1	6638	750	BF60-../DPE09XB4	125.5	3440	15300	9734	43300	273	124
1.5 HP (1.1 kW)	13	1.15	7081	800	BF40-../DPE09XB4	137.0	2383	10600	-	-	146	66
1.5 HP (1.1 kW)	13	1.65	7081	800	BF50Z-../DPE09XB4	138.1	3057	13600	-	-	218	99
1.5 HP (1.1 kW)	12.5	1.05	7435	840	BF40Z-../DPE09XB4	141.4	2383	10600	-	-	154	70
1.5 HP (1.1 kW)	12.5	2.7	7435	840	BF60Z-../DPE09XB4	140.8	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	11.5	0.99	8054	910	BF40Z-../DPE09XB4	155.6	2383	10600	-	-	154	70
1.5 HP (1.1 kW)	11.5	1.45	8054	910	BF50Z-../DPE09XB4	154.5	3057	13600	-	-	218	99
1.5 HP (1.1 kW)	10.5	0.9	8851	1000	BF40Z-../DPE09XB4	171.2	2383	10600	-	-	154	70
1.5 HP (1.1 kW)	10.5	2.3	8851	1000	BF60Z-../DPE09XB4	169.2	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	9.6	1.2	9647	1090	BF50Z-../DPE09XB4	183.5	3057	13600	-	-	218	99
1.5 HP (1.1 kW)	9.4	0.81	9824	1110	BF40Z-../DPE09XB4	188.3	2383	10600	-	-	154	70
1.5 HP (1.1 kW)	9.4	2.1	9824	1110	BF60Z-../DPE09XB4	187.7	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	8.6	1.05	10798	1220	BF50Z-../DPE09XB4	205.2	3057	13600	-	-	218	99
1.5 HP (1.1 kW)	8.0	1.75	11594	1310	BF60Z-../DPE09XB4	221.4	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	7.2	1.6	12834	1450	BF60Z-../DPE09XB4	245.6	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	7.1	0.88	13011	1470	BF50Z-../DPE09XB4	247.5	3057	13600	-	-	218	99
1.5 HP (1.1 kW)	6.0	1.3	15489	1750	BF60Z-../DPE09XB4	293.4	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	5.9	2.9	15754	1780	BF70Z-../DPE09XB4	301.8	3619	16100	10723	47700	509	231
1.5 HP (1.1 kW)	5.4	1.2	17170	1940	BF60Z-../DPE09XB4	325.6	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	5.2	2.6	17701	2000	BF70Z-../DPE09XB4	341.7	3619	16100	10723	47700	509	231
1.5 HP (1.1 kW)	4.7	1.05	19472	2200	BF60Z-../DPE09XB4	380.0	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	4.5	2.3	20357	2300	BF70Z-../DPE09XB4	398.7	3619	16100	10723	47700	509	231
1.5 HP (1.1 kW)	4.2	0.92	22127	2500	BF60Z-../DPE09XB4	421.6	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	4.0	2.0	23012	2600	BF70Z-../DPE09XB4	439.2	3619	16100	10723	47700	509	231
1.5 HP (1.1 kW)	3.9	0.87	23454	2650	BF60Z-../DPE09XB4	459.9	3440	15300	9734	43300	315	143
1.5 HP (1.1 kW)	3.5	1.75	26552	3000	BF70Z-../DPE09XB4	512.4	3619	16100	10723	47700	509	231
1.5 HP (1.1 kW)	3.4	2.0	25225	2850	BF70G20-../DPE09XB4	524.1	3619	16100	10723	47700	505	229
1.5 HP (1.1 kW)	3.1	1.85	27437	3100	BF70G20-../DPE09XB4	577.5	3619	16100	10723	47700	505	229
1.5 HP (1.1 kW)	3.1	3.1	29650	3350	BF80Z-../DPE09XB4	583.4	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	2.7	1.6	31863	3600	BF70G20-../DPE09XB4	673.6	3619	16100	10723	47700	505	229
1.5 HP (1.1 kW)	2.7	2.7	34075	3850	BF80Z-../DPE09XB4	662.1	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	2.3	2.3	40271	4550	BF80Z-../DPE09XB4	770.6	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	2.1	1.2	41599	4700	BF70G20-../DPE09XB4	872.1	3619	16100	10723	47700	505	229
1.5 HP (1.1 kW)	2.1	2.1	44254	5000	BF80Z-../DPE09XB4	874.6	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	1.8	1.05	48679	5500	BF70G20-../DPE09XB4	1017	3619	16100	10723	47700	505	229
1.5 HP (1.1 kW)	1.8	1.8	51334	5800	BF80Z-../DPE09XB4	990.4	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	1.6	1.6	57530	6500	BF80Z-../DPE09XB4	1124	8902	39600	16861	75000	767	348
1.5 HP (1.1 kW)	1.4	1.75	53104	6000	BF80G40-../DPE09XB4	1329	8902	39600	16861	75000	778	353
1.5 HP (1.1 kW)	1.3	2.8	59300	6700	BF90G50-../DPE09XB4	1444	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	1.2	1.45	64610	7300	BF80G40-../DPE09XB4	1491	8902	39600	16861	75000	778	353
1.5 HP (1.1 kW)	1.1	1.35	69921	7900	BF80G40-../DPE09XB4	1693	8902	39600	16861	75000	778	353
1.5 HP (1.1 kW)	1.1	2.3	69921	7900	BF90G50-../DPE09XB4	1678	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	0.95	2.0	81427	9200	BF90G50-../DPE09XB4	1867	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	0.9	1.05	88507	10000	BF80G40-../DPE09XB4	2051	8902	39600	16861	75000	778	353
1.5 HP (1.1 kW)	0.85	1.8	91163	10300	BF90G50-../DPE09XB4	2154	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	0.7	1.45	111519	12600	BF90G50-../DPE09XB4	2656	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	0.6	1.2	134531	15200	BF90G50-../DPE09XB4	2952	9622	42800	26977	120000	1376	624
1.5 HP (1.1 kW)	0.55	1.1	146037	16500	BF90G50-../DPE09XB4	3286	9622	42800	26977	120000	1376	624

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

2 HP (1.5 kW)

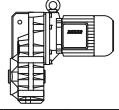


P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
2 HP (1.5 kW)	315	3.1	398	45	BF10-../DPE09XB4	5.60	438	1950	-	-	88	40
2 HP (1.5 kW)	235	2.6	531	60	BF10-../DPE09XB4	7.58	495	2200	-	-	88	40
2 HP (1.5 kW)	181	2.2	699	79	BF10-../DPE09XB4	9.69	528	2350	-	-	88	40
2 HP (1.5 kW)	167	3.0	752	85	BF20-../DPE09XB4	10.51	697	3100	-	-	101	46
2 HP (1.5 kW)	148	1.9	850	96	BF10-../DPE09XB4	11.84	562	2500	-	-	88	40
2 HP (1.5 kW)	133	2.7	947	107	BF20-../DPE09XB4	13.18	742	3300	-	-	101	46
2 HP (1.5 kW)	117	1.5	1080	122	BF10-../DPE09XB4	15.04	629	2800	-	-	88	40
2 HP (1.5 kW)	113	2.4	1115	126	BF20-../DPE09XB4	15.54	776	3450	-	-	101	46
2 HP (1.5 kW)	110	3.1	1151	130	BF30-../DPE09XB4	16.00	731	3250	-	-	126	57
2 HP (1.5 kW)	105	2.7	1204	136	BF20-../DPE09XB4	16.77	787	3500	-	-	101	46
2 HP (1.5 kW)	99	3.3	1275	144	BF30-../DPE09XB4	17.65	742	3300	-	-	126	57
2 HP (1.5 kW)	96	1.6	1319	149	BF10-../DPE09XB4	18.23	652	2900	-	-	88	40
2 HP (1.5 kW)	95	2.5	1328	150	BF20-../DPE09XB4	18.45	809	3600	-	-	101	46
2 HP (1.5 kW)	90	3.2	1407	159	BF30-../DPE09XB4	19.41	764	3400	-	-	126	57
2 HP (1.5 kW)	88	1.5	1434	162	BF10-../DPE09XB4	20.05	674	3000	-	-	88	40
2 HP (1.5 kW)	80	2.2	1584	179	BF20-../DPE09XB4	22.04	854	3800	-	-	101	46
2 HP (1.5 kW)	80	3.0	1584	179	BF30-../DPE09XB4	21.85	787	3500	-	-	126	57
2 HP (1.5 kW)	75	1.25	1690	191	BF10-../DPE09XB4	23.28	719	3200	-	-	88	40
2 HP (1.5 kW)	73	2.8	1735	196	BF30-../DPE09XB4	24.03	809	3600	-	-	126	57
2 HP (1.5 kW)	72	2.0	1752	198	BF20-../DPE09XB4	24.25	888	3950	-	-	101	46
2 HP (1.5 kW)	69	1.15	1814	205	BF10-../DPE09XB4	25.60	753	3350	-	-	88	40
2 HP (1.5 kW)	64	1.9	1947	220	BF20-../DPE09XB4	27.62	933	4150	-	-	101	46
2 HP (1.5 kW)	62	1.05	2036	230	BF10-../DPE09XB4	28.47	776	3450	-	-	88	40
2 HP (1.5 kW)	62	2.5	2036	230	BF30-../DPE09XB4	28.23	854	3800	-	-	126	57
2 HP (1.5 kW)	58	1.7	2168	245	BF20-../DPE09XB4	30.40	989	4400	-	-	101	46
2 HP (1.5 kW)	57	2.3	2213	250	BF30-../DPE09XB4	31.05	899	4000	-	-	126	57
2 HP (1.5 kW)	56	0.94	2257	255	BF10-../DPE09XB4	31.31	809	3600	-	-	88	40
2 HP (1.5 kW)	54	1.6	2345	265	BF20-../DPE09XB4	32.58	1000	4450	-	-	101	46
2 HP (1.5 kW)	52	3.1	2434	275	BF40-../DPE09XB4	34.21	1349	6000	-	-	146	66
2 HP (1.5 kW)	50	2.0	2522	285	BF30-../DPE09XB4	35.00	944	4200	-	-	126	57
2 HP (1.5 kW)	49	1.45	2567	290	BF20-../DPE09XB4	35.85	1045	4650	-	-	101	46
2 HP (1.5 kW)	48.5	0.81	2611	295	BF10-../DPE09XB4	36.15	854	3800	-	-	88	40
2 HP (1.5 kW)	46.5	2.9	2699	305	BF40-../DPE09XB4	37.64	1394	6200	-	-	146	66
2 HP (1.5 kW)	45.5	1.85	2744	310	BF30-../DPE09XB4	38.49	989	4400	-	-	126	57
2 HP (1.5 kW)	43	1.75	2921	330	BF30-../DPE09XB4	41.01	1012	4500	-	-	126	57
2 HP (1.5 kW)	42.5	2.7	2965	335	BF40-../DPE09XB4	41.42	1461	6500	-	-	146	66
2 HP (1.5 kW)	42	1.25	3009	340	BF20-../DPE09XB4	41.72	1113	4950	-	-	101	46
2 HP (1.5 kW)	39	1.6	3231	365	BF30-../DPE09XB4	45.10	1057	4700	-	-	126	57
2 HP (1.5 kW)	38.5	1.15	3275	370	BF20-../DPE09XB4	45.90	1147	5100	-	-	101	46
2 HP (1.5 kW)	38.5	2.4	3275	370	BF40-../DPE09XB4	45.56	1529	6800	-	-	146	66
2 HP (1.5 kW)	36	1.05	3496	395	BF20-../DPE09XB4	48.56	1169	5200	-	-	101	46
2 HP (1.5 kW)	36	2.3	3496	395	BF40-../DPE09XB4	48.92	1574	7000	-	-	146	66
2 HP (1.5 kW)	33.5	1.35	3762	425	BF30-../DPE09XB4	52.20	1124	5000	-	-	126	57
2 HP (1.5 kW)	33	0.98	3806	430	BF20-../DPE09XB4	53.43	1236	5500	-	-	101	46
2 HP (1.5 kW)	32.5	2.0	3894	440	BF40-../DPE09XB4	53.82	1619	7200	-	-	146	66
2 HP (1.5 kW)	31	2.8	4071	460	BF50-../DPE09XB4	56.86	2091	9300	-	-	207	94
2 HP (1.5 kW)	30.5	1.25	4116	465	BF30-../DPE09XB4	57.41	1169	5200	-	-	126	57
2 HP (1.5 kW)	30	0.88	4204	475	BF20-../DPE09XB4	58.24	1259	5600	-	-	101	46
2 HP (1.5 kW)	29	1.15	4337	490	BF30-../DPE09XB4	61.17	1191	5300	-	-	126	57
2 HP (1.5 kW)	28.5	1.8	4425	500	BF40-../DPE09XB4	61.25	1709	7600	-	-	146	66
2 HP (1.5 kW)	27.5	0.81	4602	520	BF20-../DPE09XB4	64.08	1326	5900	-	-	101	46
2 HP (1.5 kW)	27.5	2.5	4602	520	BF50-../DPE09XB4	63.59	2203	9800	-	-	207	94
2 HP (1.5 kW)	26	1.05	4868	550	BF30-../DPE09XB4	67.28	1236	5500	-	-	126	57
2 HP (1.5 kW)	26	1.65	4868	550	BF40-../DPE09XB4	67.38	1798	8000	-	-	146	66
2 HP (1.5 kW)	24.5	0.99	5133	580	BF30-../DPE09XB4	72.13	1281	5700	-	-	126	57
2 HP (1.5 kW)	24.5	1.55	5133	580	BF40-../DPE09XB4	71.40	1821	8100	-	-	146	66
2 HP (1.5 kW)	24	2.2	5222	590	BF50-../DPE09XB4	72.72	2405	10700	-	-	207	94
2 HP (1.5 kW)	22.5	1.45	5576	630	BF40-../DPE09XB4	78.55	1911	8500	-	-	146	66

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



2 HP (1.5 kW)

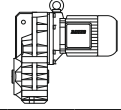
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
2 HP (1.5 kW)	22	0.88	5753	650	BF30-../DPE09XB4	79.34	1326	5900	-	-	126	57
2 HP (1.5 kW)	21.5	1.95	5841	660	BF50-../DPE09XB4	81.33	2540	11300	-	-	207	94
2 HP (1.5 kW)	21	1.3	6019	680	BF40-../DPE09XB4	83.91	1956	8700	-	-	146	66
2 HP (1.5 kW)	20.5	0.83	6107	690	BF30-../DPE09XB4	87.08	1394	6200	-	-	126	57
2 HP (1.5 kW)	19.5	1.8	6461	730	BF50-../DPE09XB4	90.24	2653	11800	-	-	207	94
2 HP (1.5 kW)	19	1.2	6638	750	BF40-../DPE09XB4	92.31	2046	9100	-	-	146	66
2 HP (1.5 kW)	19	3.1	6638	750	BF60-../DPE09XB4	93.44	3035	13500	8588	38200	273	124
2 HP (1.5 kW)	17.5	1.1	7169	810	BF40-../DPE09XB4	101.0	2113	9400	-	-	146	66
2 HP (1.5 kW)	17.5	1.6	7169	810	BF50-../DPE09XB4	100.9	2765	12300	-	-	207	94
2 HP (1.5 kW)	17	2.7	7435	840	BF60-../DPE09XB4	103.7	3170	14100	8970	39900	273	124
2 HP (1.5 kW)	16	1.0	7877	890	BF40-../DPE09XB4	111.1	2203	9800	-	-	146	66
2 HP (1.5 kW)	15.5	1.4	8143	920	BF50-../DPE09XB4	114.0	2900	12900	-	-	207	94
2 HP (1.5 kW)	15.5	2.5	8143	920	BF60-../DPE09XB4	113.1	3282	14600	9285	41300	273	124
2 HP (1.5 kW)	14.5	0.92	8674	980	BF40-../DPE09XB4	124.5	2293	10200	-	-	146	66
2 HP (1.5 kW)	14	1.25	9028	1020	BF50-../DPE09XB4	127.5	3057	13600	-	-	207	94
2 HP (1.5 kW)	14	2.3	9028	1020	BF60-../DPE09XB4	125.5	3440	15300	9734	43300	273	124
2 HP (1.5 kW)	13	0.82	9736	1100	BF40-../DPE09XB4	137.0	2383	10600	-	-	146	66
2 HP (1.5 kW)	13	1.2	9736	1100	BF50Z-../DPE09XB4	138.1	3057	13600	-	-	218	99
2 HP (1.5 kW)	12.5	2.0	10090	1140	BF60Z-../DPE09XB4	140.8	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	11.5	1.05	10975	1240	BF50Z-../DPE09XB4	154.5	3057	13600	-	-	218	99
2 HP (1.5 kW)	10.5	1.7	12037	1360	BF60Z-../DPE09XB4	169.2	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	9.6	0.87	13188	1490	BF50Z-../DPE09XB4	183.5	3057	13600	-	-	218	99
2 HP (1.5 kW)	9.3	1.5	13630	1540	BF60Z-../DPE09XB4	187.7	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	8.8	3.2	14338	1620	BF70Z-../DPE09XB4	199.7	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	7.9	1.25	16020	1810	BF60Z-../DPE09XB4	221.4	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	7.5	2.7	16905	1910	BF70Z-../DPE09XB4	233.0	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	7.2	1.15	17524	1980	BF60Z-../DPE09XB4	245.6	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	6.8	2.5	18587	2100	BF70Z-../DPE09XB4	258.7	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	6.0	0.98	20799	2350	BF60Z-../DPE09XB4	293.4	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	5.8	2.1	21684	2450	BF70Z-../DPE09XB4	301.8	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	5.4	0.87	23454	2650	BF60Z-../DPE09XB4	325.6	3440	15300	9734	43300	315	143
2 HP (1.5 kW)	5.2	1.9	24340	2750	BF70Z-../DPE09XB4	341.7	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	4.5	3.3	27880	3150	BF80Z-../DPE09XB4	394.2	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	4.4	1.6	28765	3250	BF70Z-../DPE09XB4	398.7	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	4.0	1.45	31420	3550	BF70Z-../DPE09XB4	439.2	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	3.9	2.9	32305	3650	BF80Z-../DPE09XB4	450.4	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	3.5	1.3	35846	4050	BF70Z-../DPE09XB4	512.4	3619	16100	10723	47700	509	231
2 HP (1.5 kW)	3.5	2.6	35846	4050	BF80Z-../DPE09XB4	511.2	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	3.4	1.45	34960	3950	BF70G20-../DPE09XB4	524.1	3619	16100	10723	47700	505	229
2 HP (1.5 kW)	3.1	1.3	38501	4350	BF70G20-../DPE09XB4	577.5	3619	16100	10723	47700	505	229
2 HP (1.5 kW)	3.0	2.2	42041	4750	BF80Z-../DPE09XB4	583.4	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	2.7	2.0	46909	5300	BF80Z-../DPE09XB4	662.1	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	2.6	1.1	46024	5200	BF70G20-../DPE09XB4	673.6	3619	16100	10723	47700	505	229
2 HP (1.5 kW)	2.3	1.7	54875	6200	BF80Z-../DPE09XB4	770.6	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	2.3	3.0	54875	6200	BF90Z-../DPE09XB4	759.0	9622	42800	26977	120000	1349	612
2 HP (1.5 kW)	2.1	0.88	57530	6500	BF70G20-../DPE09XB4	872.1	3619	16100	10723	47700	505	229
2 HP (1.5 kW)	2.1	2.7	60185	6800	BF90Z-../DPE09XB4	845.1	9622	42800	26977	120000	1349	612
2 HP (1.5 kW)	2.0	1.5	62840	7100	BF80Z-../DPE09XB4	874.6	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	1.8	1.35	69921	7900	BF80Z-../DPE09XB4	990.4	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	1.8	2.9	55760	6300	BF90G50-../DPE09XB4	976.1	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	1.7	2.6	61955	7000	BF90G50-../DPE09XB4	1043	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	1.6	1.2	78772	8900	BF80Z-../DPE09XB4	1124	8902	39600	16861	75000	767	348
2 HP (1.5 kW)	1.5	2.3	69921	7900	BF90G50-../DPE09XB4	1204	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	1.4	1.2	77001	8700	BF80G40-../DPE09XB4	1329	8902	39600	16861	75000	778	353
2 HP (1.5 kW)	1.3	1.95	84967	9600	BF90G50-../DPE09XB4	1444	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	1.2	1.0	92933	10500	BF80G40-../DPE09XB4	1491	8902	39600	16861	75000	778	353
2 HP (1.5 kW)	1.1	0.92	100899	11400	BF80G40-../DPE09XB4	1693	8902	39600	16861	75000	778	353
2 HP (1.5 kW)	1.1	1.6	100899	11400	BF90G50-../DPE09XB4	1678	9622	42800	26977	120000	1376	624

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

BF-series shaft-mounted geared motors

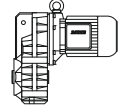
Selection - shaft-mounted geared motors

2 HP (1.5 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
2 HP (1.5 kW)	0.95	1.4	116830	13200	BF90G50-../DPE09XB4	1867	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	0.85	1.25	130106	14700	BF90G50-../DPE09XB4	2154	9622	42800	26977	120000	1376	624
2 HP (1.5 kW)	0.7	1.0	160198	18100	BF90G50-../DPE09XB4	2656	9622	42800	26977	120000	1376	624

2.4 HP (1.8 kW)

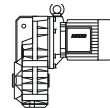


P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
2.4 HP (1.8 kW)	315	2.6	478	54	BF10-../DPE09XB4C	5.60	438	1950	-	-	95	43
2.4 HP (1.8 kW)	235	2.1	646	73	BF10-../DPE09XB4C	7.58	495	2200	-	-	95	43
2.4 HP (1.8 kW)	220	2.8	690	78	BF20-../DPE09XB4C	8.00	641	2850	-	-	108	49
2.4 HP (1.8 kW)	182	1.9	832	94	BF10-../DPE09XB4C	9.69	528	2350	-	-	95	43
2.4 HP (1.8 kW)	177	3.3	859	97	BF30-../DPE09XB4C	9.99	641	2850	-	-	130	59
2.4 HP (1.8 kW)	168	2.5	903	102	BF20-../DPE09XB4C	10.51	697	3100	-	-	108	49
2.4 HP (1.8 kW)	149	1.6	1018	115	BF10-../DPE09XB4C	11.84	562	2500	-	-	95	43
2.4 HP (1.8 kW)	137	2.9	1106	125	BF30-../DPE09XB4C	12.91	686	3050	-	-	130	59
2.4 HP (1.8 kW)	134	2.2	1133	128	BF20-../DPE09XB4C	13.18	742	3300	-	-	108	49
2.4 HP (1.8 kW)	118	1.25	1283	145	BF10-../DPE09XB4C	15.04	629	2800	-	-	95	43
2.4 HP (1.8 kW)	114	2.1	1328	150	BF20-../DPE09XB4C	15.54	776	3450	-	-	108	49
2.4 HP (1.8 kW)	110	2.6	1381	156	BF30-../DPE09XB4C	16.00	731	3250	-	-	130	59
2.4 HP (1.8 kW)	105	2.2	1443	163	BF20-../DPE09XB4C	16.77	787	3500	-	-	108	49
2.4 HP (1.8 kW)	100	2.8	1513	171	BF30-../DPE09XB4C	17.65	742	3300	-	-	130	59
2.4 HP (1.8 kW)	97	1.35	1567	177	BF10-../DPE09XB4C	18.23	652	2900	-	-	95	43
2.4 HP (1.8 kW)	96	2.1	1584	179	BF20-../DPE09XB4C	18.45	809	3600	-	-	108	49
2.4 HP (1.8 kW)	91	2.7	1664	188	BF30-../DPE09XB4C	19.41	764	3400	-	-	130	59
2.4 HP (1.8 kW)	88	1.25	1726	195	BF10-../DPE09XB4C	20.05	674	3000	-	-	95	43
2.4 HP (1.8 kW)	81	2.5	1859	210	BF30-../DPE09XB4C	21.85	787	3500	-	-	130	59
2.4 HP (1.8 kW)	80	1.9	1859	210	BF20-../DPE09XB4C	22.04	854	3800	-	-	108	49
2.4 HP (1.8 kW)	76	1.05	1991	225	BF10-../DPE09XB4C	23.28	719	3200	-	-	95	43
2.4 HP (1.8 kW)	75	3.3	1991	225	BF40-../DPE09XB4C	23.77	1214	5400	-	-	152	69
2.4 HP (1.8 kW)	74	2.4	2036	230	BF30-../DPE09XB4C	24.03	809	3600	-	-	130	59
2.4 HP (1.8 kW)	73	1.7	2080	235	BF20-../DPE09XB4C	24.25	888	3950	-	-	108	49
2.4 HP (1.8 kW)	69	0.98	2168	245	BF10-../DPE09XB4C	25.60	753	3350	-	-	95	43
2.4 HP (1.8 kW)	66	3.0	2301	260	BF40-../DPE09XB4C	26.86	1259	5600	-	-	152	69
2.4 HP (1.8 kW)	64	1.6	2345	265	BF20-../DPE09XB4C	27.62	933	4150	-	-	108	49
2.4 HP (1.8 kW)	63	2.1	2390	270	BF30-../DPE09XB4C	28.23	854	3800	-	-	130	59
2.4 HP (1.8 kW)	62	0.87	2434	275	BF10-../DPE09XB4C	28.47	776	3450	-	-	95	43
2.4 HP (1.8 kW)	60	2.8	2522	285	BF40-../DPE09XB4C	29.55	1304	5800	-	-	152	69
2.4 HP (1.8 kW)	58	1.4	2611	295	BF20-../DPE09XB4C	30.40	989	4400	-	-	108	49
2.4 HP (1.8 kW)	57	0.8	2655	300	BF10-../DPE09XB4C	31.31	809	3600	-	-	95	43
2.4 HP (1.8 kW)	57	1.9	2655	300	BF30-../DPE09XB4C	31.05	899	4000	-	-	130	59
2.4 HP (1.8 kW)	55	1.35	2744	310	BF20-../DPE09XB4C	32.58	1000	4450	-	-	108	49
2.4 HP (1.8 kW)	52	2.6	2921	330	BF40-../DPE09XB4C	34.21	1349	6000	-	-	152	69
2.4 HP (1.8 kW)	51	1.7	2965	335	BF30-../DPE09XB4C	35.00	944	4200	-	-	130	59
2.4 HP (1.8 kW)	49.5	1.2	3054	345	BF20-../DPE09XB4C	35.85	1045	4650	-	-	108	49
2.4 HP (1.8 kW)	47	2.4	3231	365	BF40-../DPE09XB4C	37.64	1394	6200	-	-	152	69
2.4 HP (1.8 kW)	46	1.55	3275	370	BF30-../DPE09XB4C	38.49	989	4400	-	-	130	59
2.4 HP (1.8 kW)	43	1.45	3496	395	BF30-../DPE09XB4C	41.01	1012	4500	-	-	130	59
2.4 HP (1.8 kW)	42.5	1.05	3540	400	BF20-../DPE09XB4C	41.72	1113	4950	-	-	108	49
2.4 HP (1.8 kW)	42.5	2.3	3540	400	BF40-../DPE09XB4C	41.42	1461	6500	-	-	152	69
2.4 HP (1.8 kW)	42	3.2	3585	405	BF50-../DPE09XB4C	42.15	1911	8500	-	-	214	97
2.4 HP (1.8 kW)	39.5	1.3	3850	435	BF30-../DPE09XB4C	45.10	1057	4700	-	-	130	59

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



2.4 HP (1.8 kW)

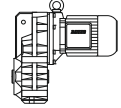
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
2.4 HP (1.8 kW)	39	2.0	3894	440	BF40-../DPE09XB4C	45.56	1529	6800	-	-	152	69
2.4 HP (1.8 kW)	38.5	0.94	3939	445	BF20-../DPE09XB4C	45.90	1147	5100	-	-	108	49
2.4 HP (1.8 kW)	37.5	2.9	4027	455	BF50-../DPE09XB4C	47.14	2001	8900	-	-	214	97
2.4 HP (1.8 kW)	36.5	0.89	4160	470	BF20-../DPE09XB4C	48.56	1169	5200	-	-	108	49
2.4 HP (1.8 kW)	36	1.9	4204	475	BF40-../DPE09XB4C	48.92	1574	7000	-	-	152	69
2.4 HP (1.8 kW)	34	1.15	4425	500	BF30-../DPE09XB4C	52.20	1124	5000	-	-	130	59
2.4 HP (1.8 kW)	33	0.81	4602	520	BF20-../DPE09XB4C	53.43	1236	5500	-	-	108	49
2.4 HP (1.8 kW)	33	1.75	4602	520	BF40-../DPE09XB4C	53.82	1619	7200	-	-	152	69
2.4 HP (1.8 kW)	31	1.05	4868	550	BF30-../DPE09XB4C	57.41	1169	5200	-	-	130	59
2.4 HP (1.8 kW)	31	2.4	4868	550	BF50-../DPE09XB4C	56.86	2091	9300	-	-	214	97
2.4 HP (1.8 kW)	29	0.97	5222	590	BF30-../DPE09XB4C	61.17	1191	5300	-	-	130	59
2.4 HP (1.8 kW)	29	1.55	5222	590	BF40-../DPE09XB4C	61.25	1709	7600	-	-	152	69
2.4 HP (1.8 kW)	28	2.1	5399	610	BF50-../DPE09XB4C	63.59	2203	9800	-	-	214	97
2.4 HP (1.8 kW)	26.5	0.9	5664	640	BF30-../DPE09XB4C	67.28	1236	5500	-	-	130	59
2.4 HP (1.8 kW)	26.5	1.4	5664	640	BF40-../DPE09XB4C	67.38	1798	8000	-	-	152	69
2.4 HP (1.8 kW)	25	1.3	6019	680	BF40-../DPE09XB4C	71.40	1821	8100	-	-	152	69
2.4 HP (1.8 kW)	24.5	0.82	6196	700	BF30-../DPE09XB4C	72.13	1281	5700	-	-	130	59
2.4 HP (1.8 kW)	24.5	1.85	6196	700	BF50-../DPE09XB4C	72.72	2405	10700	-	-	214	97
2.4 HP (1.8 kW)	24.5	3.3	6196	700	BF60-../DPE09XB4C	72.15	2698	12000	7644	34000	278	126
2.4 HP (1.8 kW)	22.5	1.2	6727	760	BF40-../DPE09XB4C	78.55	1911	8500	-	-	152	69
2.4 HP (1.8 kW)	22	1.65	6904	780	BF50-../DPE09XB4C	81.33	2540	11300	-	-	214	97
2.4 HP (1.8 kW)	22	2.9	6904	780	BF60-../DPE09XB4C	80.05	2833	12600	8003	35600	278	126
2.4 HP (1.8 kW)	21	1.1	7169	810	BF40-../DPE09XB4C	83.91	1956	8700	-	-	152	69
2.4 HP (1.8 kW)	20	1.55	7523	850	BF50-../DPE09XB4C	90.24	2653	11800	-	-	214	97
2.4 HP (1.8 kW)	19.5	1.0	7789	880	BF40-../DPE09XB4C	92.31	2046	9100	-	-	152	69
2.4 HP (1.8 kW)	19	2.6	7966	900	BF60-../DPE09XB4C	93.44	3035	13500	8588	38200	278	126
2.4 HP (1.8 kW)	17.5	0.92	8674	980	BF40-../DPE09XB4C	101.0	2113	9400	-	-	152	69
2.4 HP (1.8 kW)	17.5	1.35	8674	980	BF50-../DPE09XB4C	100.9	2765	12300	-	-	214	97
2.4 HP (1.8 kW)	17	2.3	8939	1010	BF60-../DPE09XB4C	103.7	3170	14100	8970	39900	278	126
2.4 HP (1.8 kW)	16	0.84	9470	1070	BF40-../DPE09XB4C	111.1	2203	9800	-	-	152	69
2.4 HP (1.8 kW)	16	2.1	9470	1070	BF60-../DPE09XB4C	113.1	3282	14600	9285	41300	278	126
2.4 HP (1.8 kW)	15.5	1.2	9736	1100	BF50-../DPE09XB4C	114.0	2900	12900	-	-	214	97
2.4 HP (1.8 kW)	14.5	1.95	10444	1180	BF60-../DPE09XB4C	125.5	3440	15300	9734	43300	278	126
2.4 HP (1.8 kW)	14	1.05	10798	1220	BF50-../DPE09XB4C	127.5	3057	13600	-	-	214	97
2.4 HP (1.8 kW)	13	0.98	11683	1320	BF50Z-../DPE09XB4C	138.1	3057	13600	-	-	225	102
2.4 HP (1.8 kW)	12.5	1.7	12126	1370	BF60Z-../DPE09XB4C	140.8	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	11.5	0.87	13188	1490	BF50Z-../DPE09XB4C	154.5	3057	13600	-	-	225	102
2.4 HP (1.8 kW)	10.5	1.4	14427	1630	BF60Z-../DPE09XB4C	169.2	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	9.8	3.0	15489	1750	BF70Z-../DPE09XB4C	179.7	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	9.4	1.25	16108	1820	BF60Z-../DPE09XB4C	187.7	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	8.9	2.7	17082	1930	BF70Z-../DPE09XB4C	199.7	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	8.0	1.1	18587	2100	BF60Z-../DPE09XB4C	221.4	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	7.6	2.3	19914	2250	BF70Z-../DPE09XB4C	233.0	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	7.2	0.98	20799	2350	BF60Z-../DPE09XB4C	245.6	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	6.9	2.1	21684	2450	BF70Z-../DPE09XB4C	258.7	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	6.0	0.81	25225	2850	BF60Z-../DPE09XB4C	293.4	3440	15300	9734	43300	322	146
2.4 HP (1.8 kW)	5.9	1.8	25667	2900	BF70Z-../DPE09XB4C	301.8	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	5.2	1.6	29207	3300	BF70Z-../DPE09XB4C	341.7	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	5.1	3.1	29650	3350	BF80Z-../DPE09XB4C	347.3	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	4.5	1.35	33633	3800	BF70Z-../DPE09XB4C	398.7	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	4.5	2.8	33633	3800	BF80Z-../DPE09XB4C	394.2	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	4.1	1.25	36731	4150	BF70Z-../DPE09XB4C	439.2	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	4.0	2.5	37616	4250	BF80Z-../DPE09XB4C	450.4	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	3.5	1.05	43369	4900	BF70Z-../DPE09XB4C	512.4	3619	16100	10723	47700	516	234
2.4 HP (1.8 kW)	3.5	2.1	43369	4900	BF80Z-../DPE09XB4C	511.2	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	3.4	1.2	42484	4800	BF70G20-../DPE09XB4C	524.1	3619	16100	10723	47700	511	232
2.4 HP (1.8 kW)	3.1	1.1	46909	5300	BF70G20-../DPE09XB4C	577.5	3619	16100	10723	47700	511	232
2.4 HP (1.8 kW)	3.1	1.9	48679	5500	BF80Z-../DPE09XB4C	583.4	8902	39600	16861	75000	772	350

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

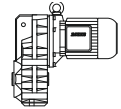
2.4 HP (1.8 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
2.4 HP (1.8 kW)	3.0	3.2	50449	5700	BF90Z-../DPE09XB4C	591.1	9622	42800	26977	120000	1354	614
2.4 HP (1.8 kW)	2.7	0.95	53104	6000	BF70G20-../DPE09XB4C	673.6	3619	16100	10723	47700	511	232
2.4 HP (1.8 kW)	2.7	1.65	55760	6300	BF80Z-../DPE09XB4C	662.1	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	2.7	2.9	55760	6300	BF90Z-../DPE09XB4C	658.1	9622	42800	26977	120000	1354	614
2.4 HP (1.8 kW)	2.4	2.6	62840	7100	BF90Z-../DPE09XB4C	759.0	9622	42800	26977	120000	1354	614
2.4 HP (1.8 kW)	2.3	1.4	65496	7400	BF80Z-../DPE09XB4C	770.6	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	2.1	1.3	71691	8100	BF80Z-../DPE09XB4C	874.6	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	2.1	2.3	71691	8100	BF90Z-../DPE09XB4C	845.1	9622	42800	26977	120000	1354	614
2.4 HP (1.8 kW)	1.9	2.5	65496	7400	BF90G50-../DPE09XB4C	976.1	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	1.8	1.1	84082	9500	BF80Z-../DPE09XB4C	990.4	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	1.7	2.1	77001	8700	BF90G50-../DPE09XB4C	1043	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	1.6	0.98	94703	10700	BF80Z-../DPE09XB4C	1124	8902	39600	16861	75000	772	350
2.4 HP (1.8 kW)	1.5	1.9	86737	9800	BF90G50-../DPE09XB4C	1204	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	1.4	0.97	95588	10800	BF80G40-../DPE09XB4C	1329	8902	39600	16861	75000	785	356
2.4 HP (1.8 kW)	1.3	1.55	104439	11800	BF90G50-../DPE09XB4C	1444	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	1.2	0.81	114175	12900	BF80G40-../DPE09XB4C	1491	8902	39600	16861	75000	785	356
2.4 HP (1.8 kW)	1.1	1.3	123910	14000	BF90G50-../DPE09XB4C	1678	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	0.95	1.15	144267	16300	BF90G50-../DPE09XB4C	1867	9622	42800	26977	120000	1380	626
2.4 HP (1.8 kW)	0.85	1.0	160198	18100	BF90G50-../DPE09XB4C	2154	9622	42800	26977	120000	1380	626

7

3 HP (2.2 kW)



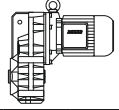
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
3 HP (2.2 kW)	280	3.5	664	75	BF30-../DPE11LB4	6.34	540	2400	-	-	172	78
3 HP (2.2 kW)	220	3.0	841	95	BF30-../DPE11LB4	8.07	596	2650	-	-	172	78
3 HP (2.2 kW)	177	2.7	1044	118	BF30-../DPE11LB4	9.99	641	2850	-	-	172	78
3 HP (2.2 kW)	150	3.3	1239	140	BF40-../DPE11LB4	11.79	1000	4450	-	-	203	92
3 HP (2.2 kW)	137	2.4	1354	153	BF30-../DPE11LB4	12.91	686	3050	-	-	172	78
3 HP (2.2 kW)	118	2.9	1575	178	BF40-../DPE11LB4	15.02	1079	4800	-	-	203	92
3 HP (2.2 kW)	110	2.1	1690	191	BF30-../DPE11LB4	16.00	731	3250	-	-	172	78
3 HP (2.2 kW)	102	3.1	1814	205	BF40-../DPE11LB4	17.35	1113	4950	-	-	203	92
3 HP (2.2 kW)	100	2.3	1859	210	BF30-../DPE11LB4	17.65	742	3300	-	-	172	78
3 HP (2.2 kW)	93	3.0	1991	225	BF40-../DPE11LB4	19.09	1147	5100	-	-	203	92
3 HP (2.2 kW)	91	2.2	2036	230	BF30-../DPE11LB4	19.41	764	3400	-	-	172	78
3 HP (2.2 kW)	82	2.8	2257	255	BF40-../DPE11LB4	21.60	1169	5200	-	-	203	92
3 HP (2.2 kW)	81	2.1	2257	255	BF30-../DPE11LB4	21.85	787	3500	-	-	172	78
3 HP (2.2 kW)	75	2.6	2478	280	BF40-../DPE11LB4	23.77	1214	5400	-	-	203	92
3 HP (2.2 kW)	74	2.0	2478	280	BF30-../DPE11LB4	24.03	809	3600	-	-	172	78
3 HP (2.2 kW)	66	2.5	2788	315	BF40-../DPE11LB4	26.86	1259	5600	-	-	203	92
3 HP (2.2 kW)	63	1.75	2921	330	BF30-../DPE11LB4	28.23	854	3800	-	-	172	78
3 HP (2.2 kW)	60	2.3	3098	350	BF40-../DPE11LB4	29.55	1304	5800	-	-	203	92
3 HP (2.2 kW)	57	1.6	3231	365	BF30-../DPE11LB4	31.05	899	4000	-	-	172	78
3 HP (2.2 kW)	52	2.1	3540	400	BF40-../DPE11LB4	34.21	1349	6000	-	-	203	92
3 HP (2.2 kW)	51	1.4	3629	410	BF30-../DPE11LB4	35.00	944	4200	-	-	172	78
3 HP (2.2 kW)	50	3.1	3717	420	BF50-../DPE11LB4	35.49	1754	7800	-	-	269	122
3 HP (2.2 kW)	47	2.0	3939	445	BF40-../DPE11LB4	37.64	1394	6200	-	-	203	92
3 HP (2.2 kW)	46	1.25	4027	455	BF30-../DPE11LB4	38.49	989	4400	-	-	172	78
3 HP (2.2 kW)	43	1.2	4293	485	BF30-../DPE11LB4	41.01	1012	4500	-	-	172	78
3 HP (2.2 kW)	42.5	1.85	4337	490	BF40-../DPE11LB4	41.42	1461	6500	-	-	203	92
3 HP (2.2 kW)	42	2.6	4425	500	BF50-../DPE11LB4	42.15	1911	8500	-	-	269	122
3 HP (2.2 kW)	39.5	1.1	4691	530	BF30-../DPE11LB4	45.10	1057	4700	-	-	172	78

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

3 HP (2.2 kW)



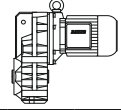
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
3 HP (2.2 kW)	39	1.7	4691	530	BF40-../DPE11LB4	45.56	1529	6800	-	-	203	92
3 HP (2.2 kW)	37.5	2.3	4956	560	BF50-../DPE11LB4	47.14	2001	8900	-	-	269	122
3 HP (2.2 kW)	36	1.55	5133	580	BF40-../DPE11LB4	48.92	1574	7000	-	-	203	92
3 HP (2.2 kW)	33	1.45	5576	630	BF40-../DPE11LB4	53.82	1619	7200	-	-	203	92
3 HP (2.2 kW)	31	1.95	5930	670	BF50-../DPE11LB4	56.86	2091	9300	-	-	269	122
3 HP (2.2 kW)	29.5	3.2	6284	710	BF60-../DPE11LB4	60.40	2495	11100	7059	31400	337	153
3 HP (2.2 kW)	28	1.75	6638	750	BF50-../DPE11LB4	63.59	2203	9800	-	-	269	122
3 HP (2.2 kW)	24.5	1.55	7523	850	BF50-../DPE11LB4	72.72	2405	10700	-	-	269	122
3 HP (2.2 kW)	24.5	2.7	7523	850	BF60-../DPE11LB4	72.15	2698	12000	7644	34000	337	153
3 HP (2.2 kW)	22	1.35	8408	950	BF50-../DPE11LB4	81.33	2540	11300	-	-	269	122
3 HP (2.2 kW)	22	2.4	8408	950	BF60-../DPE11LB4	80.05	2833	12600	8003	35600	337	153
3 HP (2.2 kW)	20	1.25	9293	1050	BF50-../DPE11LB4	90.24	2653	11800	-	-	269	122
3 HP (2.2 kW)	19	2.1	9736	1100	BF60-../DPE11LB4	93.44	3035	13500	8588	38200	337	153
3 HP (2.2 kW)	17.5	1.1	10621	1200	BF50-../DPE11LB4	100.9	2765	12300	-	-	269	122
3 HP (2.2 kW)	17	1.85	10886	1230	BF60-../DPE11LB4	103.7	3170	14100	8970	39900	337	153
3 HP (2.2 kW)	16	1.75	11594	1310	BF60-../DPE11LB4	113.1	3282	14600	9285	41300	337	153
3 HP (2.2 kW)	14.5	1.6	12745	1440	BF60-../DPE11LB4	125.5	3440	15300	9734	43300	337	153
3 HP (2.2 kW)	12.5	1.35	14869	1680	BF60Z-../DPE11LB4	140.8	3440	15300	9734	43300	373	169
3 HP (2.2 kW)	11.5	2.9	16108	1820	BF70Z-../DPE11LB4	154.0	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	10.5	1.15	17701	2000	BF60Z-../DPE11LB4	169.2	3440	15300	9734	43300	373	169
3 HP (2.2 kW)	9.8	2.5	18587	2100	BF70Z-../DPE11LB4	179.7	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	9.4	1.05	19472	2200	BF60Z-../DPE11LB4	187.7	3440	15300	9734	43300	373	169
3 HP (2.2 kW)	8.9	2.2	20799	2350	BF70Z-../DPE11LB4	199.7	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	8.0	0.88	23012	2600	BF60Z-../DPE11LB4	221.4	3440	15300	9734	43300	373	169
3 HP (2.2 kW)	7.6	1.9	24340	2750	BF70Z-../DPE11LB4	233.0	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	6.9	1.75	26552	3000	BF70Z-../DPE11LB4	258.7	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	6.6	3.0	27880	3150	BF80-../DPE11LB4	269.1	8902	39600	16861	75000	723	328
3 HP (2.2 kW)	6.1	3.1	30093	3400	BF80Z-../DPE11LB4	291.7	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	5.9	1.45	31420	3550	BF70Z-../DPE11LB4	301.8	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	5.2	1.3	35403	4000	BF70Z-../DPE11LB4	341.7	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	5.1	2.6	36288	4100	BF80Z-../DPE11LB4	347.3	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	4.5	1.1	41156	4650	BF70Z-../DPE11LB4	398.7	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	4.5	2.3	41156	4650	BF80Z-../DPE11LB4	394.2	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	4.1	1.0	45139	5100	BF70Z-../DPE11LB4	439.2	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	4.0	2.0	46024	5200	BF80Z-../DPE11LB4	450.4	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	3.5	0.87	53104	6000	BF70Z-../DPE11LB4	512.4	3619	16100	10723	47700	569	258
3 HP (2.2 kW)	3.5	1.75	53104	6000	BF80Z-../DPE11LB4	511.2	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	3.5	3.1	53104	6000	BF90Z-../DPE11LB4	508.5	9622	42800	26977	120000	1413	641
3 HP (2.2 kW)	3.1	1.55	59300	6700	BF80Z-../DPE11LB4	583.4	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	3.0	2.6	61955	7000	BF90Z-../DPE11LB4	591.1	9622	42800	26977	120000	1413	641
3 HP (2.2 kW)	2.7	1.35	68151	7700	BF80Z-../DPE11LB4	662.1	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	2.7	2.4	68151	7700	BF90Z-../DPE11LB4	658.1	9622	42800	26977	120000	1413	641
3 HP (2.2 kW)	2.4	2.1	77001	8700	BF90Z-../DPE11LB4	759.0	9622	42800	26977	120000	1413	641
3 HP (2.2 kW)	2.3	1.15	80542	9100	BF80Z-../DPE11LB4	770.6	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	2.1	1.05	88507	10000	BF80Z-../DPE11LB4	874.6	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	2.1	1.85	88507	10000	BF90Z-../DPE11LB4	845.1	9622	42800	26977	120000	1413	641
3 HP (2.2 kW)	1.9	1.95	83197	9400	BF90G50-../DPE11LB4	976.1	9622	42800	26977	120000	1435	651
3 HP (2.2 kW)	1.8	0.91	102669	11600	BF80Z-../DPE11LB4	990.4	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	1.7	1.7	96473	10900	BF90G50-../DPE11LB4	1043	9622	42800	26977	120000	1435	651
3 HP (2.2 kW)	1.6	0.8	115945	13100	BF80Z-../DPE11LB4	1124	8902	39600	16861	75000	827	375
3 HP (2.2 kW)	1.5	1.5	108864	12300	BF90G50-../DPE11LB4	1204	9622	42800	26977	120000	1435	651
3 HP (2.2 kW)	1.3	1.25	130106	14700	BF90G50-../DPE11LB4	1444	9622	42800	26977	120000	1435	651
3 HP (2.2 kW)	1.1	1.05	154003	17400	BF90G50-../DPE11LB4	1678	9622	42800	26977	120000	1435	651

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

4 HP (3 kW)



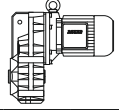
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·ft	Nm			Standard Bearings	Reinforced Bearings	Standard Bearings	Reinforced Bearings	lb	kg
[kW]	RPM	SF					lb·ft	N	lb·ft	N		
4 HP (3 kW)	280	2.6	903	102	BF30-../DPE11LB4	6.34	540	2400	-	-	172	78
4 HP (3 kW)	235	3.0	1071	121	BF40-../DPE11LB4	7.62	877	3900	-	-	203	92
4 HP (3 kW)	220	2.2	1151	130	BF30-../DPE11LB4	8.07	596	2650	-	-	172	78
4 HP (3 kW)	186	2.7	1363	154	BF40-../DPE11LB4	9.48	933	4150	-	-	203	92
4 HP (3 kW)	177	2.0	1425	161	BF30-../DPE11LB4	9.99	641	2850	-	-	172	78
4 HP (3 kW)	150	2.4	1690	191	BF40-../DPE11LB4	11.79	1000	4450	-	-	203	92
4 HP (3 kW)	137	1.8	1814	205	BF30-../DPE11LB4	12.91	686	3050	-	-	172	78
4 HP (3 kW)	118	2.2	2124	240	BF40-../DPE11LB4	15.02	1079	4800	-	-	203	92
4 HP (3 kW)	110	1.55	2301	260	BF30-../DPE11LB4	16.00	731	3250	-	-	172	78
4 HP (3 kW)	102	2.3	2478	280	BF40-../DPE11LB4	17.35	1113	4950	-	-	203	92
4 HP (3 kW)	100	1.7	2522	285	BF30-../DPE11LB4	17.65	742	3300	-	-	172	78
4 HP (3 kW)	95	3.3	2655	300	BF50-../DPE11LB4	18.68	1439	6400	-	-	269	122
4 HP (3 kW)	93	2.2	2699	305	BF40-../DPE11LB4	19.09	1147	5100	-	-	203	92
4 HP (3 kW)	91	1.6	2744	310	BF30-../DPE11LB4	19.41	764	3400	-	-	172	78
4 HP (3 kW)	82	2.0	3054	345	BF40-../DPE11LB4	21.60	1169	5200	-	-	203	92
4 HP (3 kW)	81	1.5	3098	350	BF30-../DPE11LB4	21.85	787	3500	-	-	172	78
4 HP (3 kW)	77	3.0	3275	370	BF50-../DPE11LB4	23.14	1529	6800	-	-	269	122
4 HP (3 kW)	75	1.95	3363	380	BF40-../DPE11LB4	23.77	1214	5400	-	-	203	92
4 HP (3 kW)	74	1.45	3408	385	BF30-../DPE11LB4	24.03	809	3600	-	-	172	78
4 HP (3 kW)	69	2.8	3673	415	BF50-../DPE11LB4	25.88	1596	7100	-	-	269	122
4 HP (3 kW)	66	1.8	3806	430	BF40-../DPE11LB4	26.86	1259	5600	-	-	203	92
4 HP (3 kW)	63	1.3	3983	450	BF30-../DPE11LB4	28.23	854	3800	-	-	172	78
4 HP (3 kW)	60	1.7	4204	475	BF40-../DPE11LB4	29.55	1304	5800	-	-	203	92
4 HP (3 kW)	57	1.15	4425	500	BF30-../DPE11LB4	31.05	899	4000	-	-	172	78
4 HP (3 kW)	56	2.5	4514	510	BF50-../DPE11LB4	31.73	1686	7500	-	-	269	122
4 HP (3 kW)	52	1.55	4868	550	BF40-../DPE11LB4	34.21	1349	6000	-	-	203	92
4 HP (3 kW)	51	1.05	4956	560	BF30-../DPE11LB4	35.00	944	4200	-	-	172	78
4 HP (3 kW)	50	2.3	5045	570	BF50-../DPE11LB4	35.49	1754	7800	-	-	269	122
4 HP (3 kW)	47	1.5	5310	600	BF40-../DPE11LB4	37.64	1394	6200	-	-	203	92
4 HP (3 kW)	46	0.93	5487	620	BF30-../DPE11LB4	38.49	989	4400	-	-	172	78
4 HP (3 kW)	43	0.87	5841	660	BF30-../DPE11LB4	41.01	1012	4500	-	-	172	78
4 HP (3 kW)	42.5	1.35	5930	670	BF40-../DPE11LB4	41.42	1461	6500	-	-	203	92
4 HP (3 kW)	42.5	3.2	5930	670	BF60-../DPE11LB4	41.60	2158	9600	6092	27100	337	153
4 HP (3 kW)	42	1.9	6019	680	BF50-../DPE11LB4	42.15	1911	8500	-	-	269	122
4 HP (3 kW)	39.5	0.8	6373	720	BF30-../DPE11LB4	45.10	1057	4700	-	-	172	78
4 HP (3 kW)	39	1.25	6461	730	BF40-../DPE11LB4	45.56	1529	6800	-	-	203	92
4 HP (3 kW)	38.5	3.0	6550	740	BF60-../DPE11LB4	46.16	2226	9900	6295	28000	337	153
4 HP (3 kW)	37.5	1.7	6727	760	BF50-../DPE11LB4	47.14	2001	8900	-	-	269	122
4 HP (3 kW)	36	1.15	6992	790	BF40-../DPE11LB4	48.92	1574	7000	-	-	203	92
4 HP (3 kW)	33	1.05	7612	860	BF40-../DPE11LB4	53.82	1619	7200	-	-	203	92
4 HP (3 kW)	32.5	2.6	7789	880	BF60-../DPE11LB4	54.44	2360	10500	6677	29700	337	153
4 HP (3 kW)	31	1.4	8143	920	BF50-../DPE11LB4	56.86	2091	9300	-	-	269	122
4 HP (3 kW)	29.5	2.4	8585	970	BF60-../DPE11LB4	60.40	2495	11100	7059	31400	337	153
4 HP (3 kW)	28	1.25	9028	1020	BF50-../DPE11LB4	63.59	2203	9800	-	-	269	122
4 HP (3 kW)	24.5	1.1	10267	1160	BF50-../DPE11LB4	72.72	2405	10700	-	-	269	122
4 HP (3 kW)	24.5	2.0	10267	1160	BF60-../DPE11LB4	72.15	2698	12000	7644	34000	337	153
4 HP (3 kW)	22	1.0	11506	1300	BF50-../DPE11LB4	81.33	2540	11300	-	-	269	122
4 HP (3 kW)	22	1.75	11506	1300	BF60-../DPE11LB4	80.05	2833	12600	8003	35600	337	153
4 HP (3 kW)	20	0.91	12657	1430	BF50-../DPE11LB4	90.24	2653	11800	-	-	269	122
4 HP (3 kW)	19	1.55	13276	1500	BF60-../DPE11LB4	93.44	3035	13500	8588	38200	337	153
4 HP (3 kW)	17.5	0.8	14427	1630	BF50-../DPE11LB4	100.9	2765	12300	-	-	269	122
4 HP (3 kW)	17	1.35	14869	1680	BF60-../DPE11LB4	103.7	3170	14100	8970	39900	337	153
4 HP (3 kW)	17	3.1	14869	1680	BF70-../DPE11LB4	105.2	3305	14700	10139	45100	511	232
4 HP (3 kW)	16	1.3	15843	1790	BF60-../DPE11LB4	113.1	3282	14600	9285	41300	337	153
4 HP (3 kW)	14.5	1.15	17436	1970	BF60-../DPE11LB4	125.5	3440	15300	9734	43300	337	153
4 HP (3 kW)	14.5	2.6	17436	1970	BF70-../DPE11LB4	122.7	3619	16100	10723	47700	511	232
4 HP (3 kW)	13.5	2.5	18587	2100	BF70Z-../DPE11LB4	133.0	3619	16100	10723	47700	569	258
4 HP (3 kW)	12.5	1.0	19914	2250	BF60Z-../DPE11LB4	140.8	3440	15300	9734	43300	373	169

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

BF-series shaft-mounted geared motors

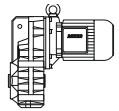
Selection - shaft-mounted geared motors

4 HP (3 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
4 HP (3 kW)	11.5	2.1	21684	2450	BF70Z-../DPE11LB4	154.0	3619	16100	10723	47700	569	258
4 HP (3 kW)	10.5	0.85	23897	2700	BF60Z-../DPE11LB4	169.2	3440	15300	9734	43300	373	169
4 HP (3 kW)	9.8	1.8	25667	2900	BF70Z-../DPE11LB4	179.7	3619	16100	10723	47700	569	258
4 HP (3 kW)	9.6	3.2	26110	2950	BF80-../DPE11LB4	184.5	7149	31800	16861	75000	723	328
4 HP (3 kW)	8.9	1.65	28322	3200	BF70Z-../DPE11LB4	199.7	3619	16100	10723	47700	569	258
4 HP (3 kW)	8.5	2.8	29650	3350	BF80-../DPE11LB4	209.4	7711	34300	16861	75000	723	328
4 HP (3 kW)	7.6	1.4	33190	3750	BF70Z-../DPE11LB4	233.0	3619	16100	10723	47700	569	258
4 HP (3 kW)	7.5	2.5	33633	3800	BF80-../DPE11LB4	237.1	8295	36900	16861	75000	723	328
4 HP (3 kW)	6.9	1.25	36731	4150	BF70Z-../DPE11LB4	258.7	3619	16100	10723	47700	569	258
4 HP (3 kW)	6.6	2.2	38058	4300	BF80-../DPE11LB4	269.1	8902	39600	16861	75000	723	328
4 HP (3 kW)	6.1	2.3	41156	4650	BF80Z-../DPE11LB4	291.7	8902	39600	16861	75000	827	375
4 HP (3 kW)	5.9	1.05	42926	4850	BF70Z-../DPE11LB4	301.8	3619	16100	10723	47700	569	258
4 HP (3 kW)	5.2	0.95	48679	5500	BF70Z-../DPE11LB4	341.7	3619	16100	10723	47700	569	258
4 HP (3 kW)	5.1	1.9	49564	5600	BF80Z-../DPE11LB4	347.3	8902	39600	16861	75000	827	375
4 HP (3 kW)	4.7	3.1	53104	6000	BF90Z-../DPE11LB4	382.6	9622	42800	26977	120000	1413	641
4 HP (3 kW)	4.5	0.83	55760	6300	BF70Z-../DPE11LB4	398.7	3619	16100	10723	47700	569	258
4 HP (3 kW)	4.5	1.65	55760	6300	BF80Z-../DPE11LB4	394.2	8902	39600	16861	75000	827	375
4 HP (3 kW)	4.0	1.5	62840	7100	BF80Z-../DPE11LB4	450.4	8902	39600	16861	75000	827	375
4 HP (3 kW)	3.9	2.5	64610	7300	BF90Z-../DPE11LB4	456.7	9622	42800	26977	120000	1413	641
4 HP (3 kW)	3.5	1.3	71691	8100	BF80Z-../DPE11LB4	511.2	8902	39600	16861	75000	827	375
4 HP (3 kW)	3.5	2.3	71691	8100	BF90Z-../DPE11LB4	508.5	9622	42800	26977	120000	1413	641
4 HP (3 kW)	3.1	1.15	81427	9200	BF80Z-../DPE11LB4	583.4	8902	39600	16861	75000	827	375
4 HP (3 kW)	3.0	1.95	84082	9500	BF90Z-../DPE11LB4	591.1	9622	42800	26977	120000	1413	641
4 HP (3 kW)	2.7	0.99	93818	10600	BF80Z-../DPE11LB4	662.1	8902	39600	16861	75000	827	375
4 HP (3 kW)	2.7	1.75	93818	10600	BF90Z-../DPE11LB4	658.1	9622	42800	26977	120000	1413	641
4 HP (3 kW)	2.4	1.55	105324	11900	BF90Z-../DPE11LB4	759.0	9622	42800	26977	120000	1413	641
4 HP (3 kW)	2.3	0.85	109749	12400	BF80Z-../DPE11LB4	770.6	8902	39600	16861	75000	827	375
4 HP (3 kW)	2.1	1.35	120370	13600	BF90Z-../DPE11LB4	845.1	9622	42800	26977	120000	1413	641
4 HP (3 kW)	1.9	1.4	118600	13400	BF90G50-../DPE11LB4	976.1	9622	42800	26977	120000	1435	651
4 HP (3 kW)	1.7	1.2	136301	15400	BF90G50-../DPE11LB4	1043	9622	42800	26977	120000	1435	651
4 HP (3 kW)	1.5	1.05	154003	17400	BF90G50-../DPE11LB4	1204	9622	42800	26977	120000	1435	651
4 HP (3 kW)	1.3	0.9	182325	20600	BF90G50-../DPE11LB4	1444	9622	42800	26977	120000	1435	651

5 HP (3.7 kW)



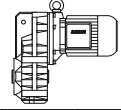
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
5 HP (3.7 kW)	300	2.9	1036	117	BF40-../DPE11LB4	5.87	798	3550	-	-	203	92
5 HP (3.7 kW)	280	2.1	1115	126	BF30-../DPE11LB4	6.34	540	2400	-	-	172	78
5 HP (3.7 kW)	235	2.5	1328	150	BF40-../DPE11LB4	7.62	877	3900	-	-	203	92
5 HP (3.7 kW)	220	1.8	1416	160	BF30-../DPE11LB4	8.07	596	2650	-	-	172	78
5 HP (3.7 kW)	186	2.2	1673	189	BF40-../DPE11LB4	9.48	933	4150	-	-	203	92
5 HP (3.7 kW)	177	1.6	1761	199	BF30-../DPE11LB4	9.99	641	2850	-	-	172	78
5 HP (3.7 kW)	165	3.2	1859	210	BF50-../DPE11LB4	10.68	1259	5600	-	-	269	122
5 HP (3.7 kW)	150	2.0	2080	235	BF40-../DPE11LB4	11.79	1000	4450	-	-	203	92
5 HP (3.7 kW)	137	1.45	2257	255	BF30-../DPE11LB4	12.91	686	3050	-	-	172	78
5 HP (3.7 kW)	121	2.7	2567	290	BF50-../DPE11LB4	14.65	1371	6100	-	-	269	122
5 HP (3.7 kW)	118	1.75	2611	295	BF40-../DPE11LB4	15.02	1079	4800	-	-	203	92
5 HP (3.7 kW)	110	1.3	2832	320	BF30-../DPE11LB4	16.00	731	3250	-	-	172	78
5 HP (3.7 kW)	106	2.9	2921	330	BF50-../DPE11LB4	16.70	1394	6200	-	-	269	122
5 HP (3.7 kW)	102	1.85	3054	345	BF40-../DPE11LB4	17.35	1113	4950	-	-	203	92
5 HP (3.7 kW)	100	1.35	3098	350	BF30-../DPE11LB4	17.65	742	3300	-	-	172	78

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

5 HP (3.7 kW)



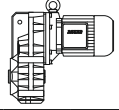
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
5 HP (3.7 kW)	95	2.7	3275	370	BF50-../DPE11LB4	18.68	1439	6400	-	-	269	122
5 HP (3.7 kW)	93	1.75	3319	375	BF40-../DPE11LB4	19.09	1147	5100	-	-	203	92
5 HP (3.7 kW)	91	1.3	3408	385	BF30-../DPE11LB4	19.41	764	3400	-	-	172	78
5 HP (3.7 kW)	82	1.65	3806	430	BF40-../DPE11LB4	21.60	1169	5200	-	-	203	92
5 HP (3.7 kW)	81	1.2	3850	435	BF30-../DPE11LB4	21.85	787	3500	-	-	172	78
5 HP (3.7 kW)	77	2.4	4027	455	BF50-../DPE11LB4	23.14	1529	6800	-	-	269	122
5 HP (3.7 kW)	75	1.55	4160	470	BF40-../DPE11LB4	23.77	1214	5400	-	-	203	92
5 HP (3.7 kW)	74	1.15	4204	475	BF30-../DPE11LB4	24.03	809	3600	-	-	172	78
5 HP (3.7 kW)	69	2.3	4514	510	BF50-../DPE11LB4	25.88	1596	7100	-	-	269	122
5 HP (3.7 kW)	66	1.45	4691	530	BF40-../DPE11LB4	26.86	1259	5600	-	-	203	92
5 HP (3.7 kW)	63	1.05	4956	560	BF30-../DPE11LB4	28.23	854	3800	-	-	172	78
5 HP (3.7 kW)	60	1.4	5133	580	BF40-../DPE11LB4	29.55	1304	5800	-	-	203	92
5 HP (3.7 kW)	57	0.94	5399	610	BF30-../DPE11LB4	31.05	899	4000	-	-	172	78
5 HP (3.7 kW)	57	3.1	5399	610	BF60-../DPE11LB4	31.20	1978	8800	5598	24900	337	153
5 HP (3.7 kW)	56	2.0	5576	630	BF50-../DPE11LB4	31.73	1686	7500	-	-	269	122
5 HP (3.7 kW)	52	1.3	5930	670	BF40-../DPE11LB4	34.21	1349	6000	-	-	203	92
5 HP (3.7 kW)	51	0.83	6107	690	BF30-../DPE11LB4	35.00	944	4200	-	-	172	78
5 HP (3.7 kW)	51	2.9	6107	690	BF60-../DPE11LB4	34.62	2046	9100	5778	25700	337	153
5 HP (3.7 kW)	50	1.85	6196	700	BF50-../DPE11LB4	35.49	1754	7800	-	-	269	122
5 HP (3.7 kW)	47	1.2	6638	750	BF40-../DPE11LB4	37.64	1394	6200	-	-	203	92
5 HP (3.7 kW)	42.5	1.1	7346	830	BF40-../DPE11LB4	41.42	1461	6500	-	-	203	92
5 HP (3.7 kW)	42.5	2.6	7346	830	BF60-../DPE11LB4	41.60	2158	9600	6092	27100	337	153
5 HP (3.7 kW)	42	1.55	7435	840	BF50-../DPE11LB4	42.15	1911	8500	-	-	269	122
5 HP (3.7 kW)	39	1.0	7966	900	BF40-../DPE11LB4	45.56	1529	6800	-	-	203	92
5 HP (3.7 kW)	38.5	2.4	8054	910	BF60-../DPE11LB4	46.16	2226	9900	6295	28000	337	153
5 HP (3.7 kW)	37.5	1.4	8320	940	BF50-../DPE11LB4	47.14	2001	8900	-	-	269	122
5 HP (3.7 kW)	36	0.92	8674	980	BF40-../DPE11LB4	48.92	1574	7000	-	-	203	92
5 HP (3.7 kW)	33	0.84	9470	1070	BF40-../DPE11LB4	53.82	1619	7200	-	-	203	92
5 HP (3.7 kW)	32.5	2.1	9559	1080	BF60-../DPE11LB4	54.44	2360	10500	6677	29700	337	153
5 HP (3.7 kW)	31	1.15	10001	1130	BF50-../DPE11LB4	56.86	2091	9300	-	-	269	122
5 HP (3.7 kW)	29.5	1.95	10532	1190	BF60-../DPE11LB4	60.40	2495	11100	7059	31400	337	153
5 HP (3.7 kW)	28	1.05	11152	1260	BF50-../DPE11LB4	63.59	2203	9800	-	-	269	122
5 HP (3.7 kW)	24.5	0.9	12745	1440	BF50-../DPE11LB4	72.72	2405	10700	-	-	269	122
5 HP (3.7 kW)	24.5	1.6	12745	1440	BF60-../DPE11LB4	72.15	2698	12000	7644	34000	337	153
5 HP (3.7 kW)	22	0.81	14161	1600	BF50-../DPE11LB4	81.33	2540	11300	-	-	269	122
5 HP (3.7 kW)	22	1.45	14161	1600	BF60-../DPE11LB4	80.05	2833	12600	8003	35600	337	153
5 HP (3.7 kW)	22	3.3	14161	1600	BF70-../DPE11LB4	81.82	2878	12800	9285	41300	511	232
5 HP (3.7 kW)	19	1.25	16374	1850	BF60-../DPE11LB4	93.44	3035	13500	8588	38200	337	153
5 HP (3.7 kW)	18.5	2.7	16905	1910	BF70-../DPE11LB4	95.46	3147	14000	9824	43700	511	232
5 HP (3.7 kW)	17	1.1	18144	2050	BF60-../DPE11LB4	103.7	3170	14100	8970	39900	337	153
5 HP (3.7 kW)	17	2.5	18144	2050	BF70-../DPE11LB4	105.2	3305	14700	10139	45100	511	232
5 HP (3.7 kW)	16	1.05	19472	2200	BF60-../DPE11LB4	113.1	3282	14600	9285	41300	337	153
5 HP (3.7 kW)	14.5	0.96	21242	2400	BF60-../DPE11LB4	125.5	3440	15300	9734	43300	337	153
5 HP (3.7 kW)	14.5	2.2	21242	2400	BF70-../DPE11LB4	122.7	3619	16100	10723	47700	511	232
5 HP (3.7 kW)	13.5	2.0	23012	2600	BF70Z-../DPE11LB4	133.0	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	12.5	0.82	24782	2800	BF60Z-../DPE11LB4	140.8	3440	15300	9734	43300	373	169
5 HP (3.7 kW)	11.5	1.7	26995	3050	BF70Z-../DPE11LB4	154.0	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	11.5	3.1	26995	3050	BF80-../DPE11LB4	158.5	6519	29000	16861	75000	723	328
5 HP (3.7 kW)	9.8	1.45	31863	3600	BF70Z-../DPE11LB4	179.7	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	9.6	2.6	32305	3650	BF80-../DPE11LB4	184.5	7149	31800	16861	75000	723	328
5 HP (3.7 kW)	8.9	1.3	34960	3950	BF70Z-../DPE11LB4	199.7	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	8.5	2.3	36731	4150	BF80-../DPE11LB4	209.4	7711	34300	16861	75000	723	328
5 HP (3.7 kW)	7.6	1.15	40713	4600	BF70Z-../DPE11LB4	233.0	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	7.5	2.0	41599	4700	BF80-../DPE11LB4	237.1	8295	36900	16861	75000	723	328
5 HP (3.7 kW)	6.9	1.0	45139	5100	BF70Z-../DPE11LB4	258.7	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	6.8	3.3	45139	5100	BF90-../DPE11LB4	259.0	9622	42800	26977	120000	1281	581
5 HP (3.7 kW)	6.6	1.8	46909	5300	BF80-../DPE11LB4	269.1	8902	39600	16861	75000	723	328
5 HP (3.7 kW)	6.1	1.85	50449	5700	BF80Z-../DPE11LB4	291.7	8902	39600	16861	75000	827	375

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

BF-series shaft-mounted geared motors

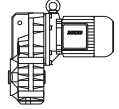
Selection - shaft-mounted geared motors

5 HP (3.7 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
5 HP (3.7 kW)	5.9	0.88	52219	5900	BF70Z-../DPE11LB4	301.8	3619	16100	10723	47700	569	258
5 HP (3.7 kW)	5.9	3.1	52219	5900	BF90Z-../DPE11LB4	300.4	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	5.2	2.8	59300	6700	BF90Z-../DPE11LB4	343.6	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	5.1	1.5	61070	6900	BF80Z-../DPE11LB4	347.3	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	4.7	2.5	66381	7500	BF90Z-../DPE11LB4	382.6	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	4.5	1.35	69036	7800	BF80Z-../DPE11LB4	394.2	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	4.0	1.2	77887	8800	BF80Z-../DPE11LB4	450.4	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	3.9	2.1	79657	9000	BF90Z-../DPE11LB4	456.7	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	3.5	1.05	88507	10000	BF90Z-../DPE11LB4	511.2	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	3.5	1.85	88507	10000	BF80Z-../DPE11LB4	508.5	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	3.1	0.93	100013	11300	BF80Z-../DPE11LB4	583.4	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	3.0	1.6	103554	11700	BF90Z-../DPE11LB4	591.1	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	2.7	0.81	115060	13000	BF80Z-../DPE11LB4	662.1	8902	39600	16861	75000	827	375
5 HP (3.7 kW)	2.7	1.4	115060	13000	BF90Z-../DPE11LB4	658.1	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	2.4	1.25	130106	14700	BF90Z-../DPE11LB4	759.0	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	2.1	1.1	148693	16800	BF90Z-../DPE11LB4	845.1	9622	42800	26977	120000	1413	641
5 HP (3.7 kW)	1.9	1.1	150463	17000	BF90G50-../DPE11LB4	976.1	9622	42800	26977	120000	1435	651
5 HP (3.7 kW)	1.7	0.96	170819	19300	BF90G50-../DPE11LB4	1043	9622	42800	26977	120000	1435	651
5 HP (3.7 kW)	1.5	0.84	193831	21900	BF90G50-../DPE11LB4	1204	9622	42800	26977	120000	1435	651

5.5 HP (4.0 kW)



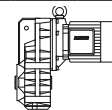
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
5.5 HP (4.0 kW)	300	2.6	1124	127	BF40-../DPE11LB4	5.87	798	3550	-	-	203	92
5.5 HP (4.0 kW)	280	1.95	1204	136	BF30-../DPE11LB4	6.34	540	2400	-	-	172	78
5.5 HP (4.0 kW)	235	2.3	1434	162	BF40-../DPE11LB4	7.62	877	3900	-	-	203	92
5.5 HP (4.0 kW)	220	1.65	1531	173	BF30-../DPE11LB4	8.07	596	2650	-	-	172	78
5.5 HP (4.0 kW)	186	2.0	1814	205	BF40-../DPE11LB4	9.48	933	4150	-	-	203	92
5.5 HP (4.0 kW)	177	1.5	1903	215	BF30-../DPE11LB4	9.99	641	2850	-	-	172	78
5.5 HP (4.0 kW)	165	2.9	2036	230	BF50-../DPE11LB4	10.68	1259	5600	-	-	269	122
5.5 HP (4.0 kW)	150	1.85	2213	250	BF40-../DPE11LB4	11.79	1000	4450	-	-	203	92
5.5 HP (4.0 kW)	137	1.35	2434	275	BF30-../DPE11LB4	12.91	686	3050	-	-	172	78
5.5 HP (4.0 kW)	121	2.5	2788	315	BF50-../DPE11LB4	14.65	1371	6100	-	-	269	122
5.5 HP (4.0 kW)	118	1.65	2832	320	BF40-../DPE11LB4	15.02	1079	4800	-	-	203	92
5.5 HP (4.0 kW)	110	1.2	3054	345	BF30-../DPE11LB4	16.00	731	3250	-	-	172	78
5.5 HP (4.0 kW)	106	2.6	3186	360	BF50-../DPE11LB4	16.70	1394	6200	-	-	269	122
5.5 HP (4.0 kW)	102	1.7	3275	370	BF40-../DPE11LB4	17.35	1113	4950	-	-	203	92
5.5 HP (4.0 kW)	100	1.25	3363	380	BF30-../DPE11LB4	17.65	742	3300	-	-	172	78
5.5 HP (4.0 kW)	95	2.5	3540	400	BF50-../DPE11LB4	18.68	1439	6400	-	-	269	122
5.5 HP (4.0 kW)	93	1.6	3629	410	BF40-../DPE11LB4	19.09	1147	5100	-	-	203	92
5.5 HP (4.0 kW)	91	1.2	3673	415	BF30-../DPE11LB4	19.41	764	3400	-	-	172	78
5.5 HP (4.0 kW)	82	1.5	4116	465	BF40-../DPE11LB4	21.60	1169	5200	-	-	203	92
5.5 HP (4.0 kW)	81	1.15	4160	470	BF30-../DPE11LB4	21.85	787	3500	-	-	172	78
5.5 HP (4.0 kW)	77	2.2	4381	495	BF50-../DPE11LB4	23.14	1529	6800	-	-	269	122
5.5 HP (4.0 kW)	75	1.45	4425	500	BF40-../DPE11LB4	23.77	1214	5400	-	-	203	92
5.5 HP (4.0 kW)	74	1.1	4514	510	BF30-../DPE11LB4	24.03	809	3600	-	-	172	78
5.5 HP (4.0 kW)	71	3.3	4691	530	BF60-../DPE11LB4	25.05	1843	8200	5216	23200	337	153
5.5 HP (4.0 kW)	69	2.1	4868	550	BF50-../DPE11LB4	25.88	1596	7100	-	-	269	122
5.5 HP (4.0 kW)	66	1.35	5045	570	BF40-../DPE11LB4	26.86	1259	5600	-	-	203	92
5.5 HP (4.0 kW)	63	0.96	5310	600	BF30-../DPE11LB4	28.23	854	3800	-	-	172	78
5.5 HP (4.0 kW)	60	1.3	5576	630	BF40-../DPE11LB4	29.55	1304	5800	-	-	203	92

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

5.5 HP (4.0 kW)



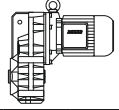
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings	Reinforced Bearings			lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
5.5 HP (4.0 kW)	57	0.86	5930	670	BF30-../DPE11LB4	31.05	899	4000	-	-	172	78
5.5 HP (4.0 kW)	57	2.8	5930	670	BF60-../DPE11LB4	31.20	1978	8800	5598	24900	337	153
5.5 HP (4.0 kW)	56	1.85	6019	680	BF50-../DPE11LB4	31.73	1686	7500	-	-	269	122
5.5 HP (4.0 kW)	52	1.15	6461	730	BF40-../DPE11LB4	34.21	1349	6000	-	-	203	92
5.5 HP (4.0 kW)	51	2.7	6550	740	BF60-../DPE11LB4	34.62	2046	9100	5778	25700	337	153
5.5 HP (4.0 kW)	50	1.7	6727	760	BF50-../DPE11LB4	35.49	1754	7800	-	-	269	122
5.5 HP (4.0 kW)	47	1.1	7169	810	BF40-../DPE11LB4	37.64	1394	6200	-	-	203	92
5.5 HP (4.0 kW)	42.5	1.0	7877	890	BF40-../DPE11LB4	41.42	1461	6500	-	-	203	92
5.5 HP (4.0 kW)	42.5	2.4	7877	890	BF60-../DPE11LB4	41.60	2158	9600	6092	27100	337	153
5.5 HP (4.0 kW)	42	1.45	7966	900	BF50-../DPE11LB4	42.15	1911	8500	-	-	269	122
5.5 HP (4.0 kW)	39	0.93	8585	970	BF40-../DPE11LB4	45.56	1529	6800	-	-	203	92
5.5 HP (4.0 kW)	38.5	2.3	8762	990	BF60-../DPE11LB4	46.16	2226	9900	6295	28000	337	153
5.5 HP (4.0 kW)	37.5	1.3	8939	1010	BF50-../DPE11LB4	47.14	2001	8900	-	-	269	122
5.5 HP (4.0 kW)	36	0.85	9382	1060	BF40-../DPE11LB4	48.92	1574	7000	-	-	203	92
5.5 HP (4.0 kW)	32.5	1.95	10355	1170	BF60-../DPE11LB4	54.44	2360	10500	6677	29700	337	153
5.5 HP (4.0 kW)	31	1.05	10886	1230	BF50-../DPE11LB4	56.86	2091	9300	-	-	269	122
5.5 HP (4.0 kW)	29.5	1.8	11417	1290	BF60-../DPE11LB4	60.40	2495	11100	7059	31400	337	153
5.5 HP (4.0 kW)	28	0.96	12037	1360	BF50-../DPE11LB4	63.59	2203	9800	-	-	269	122
5.5 HP (4.0 kW)	24.5	0.84	13719	1550	BF50-../DPE11LB4	72.72	2405	10700	-	-	269	122
5.5 HP (4.0 kW)	24.5	1.5	13719	1550	BF60-../DPE11LB4	72.15	2698	12000	7644	34000	337	153
5.5 HP (4.0 kW)	22	1.35	15312	1730	BF60-../DPE11LB4	80.05	2833	12600	8003	35600	337	153
5.5 HP (4.0 kW)	22	3.0	15312	1730	BF70Z-../DPE11LB4	81.82	2878	12800	9285	41300	511	232
5.5 HP (4.0 kW)	19	1.15	17701	2000	BF60-../DPE11LB4	93.44	3035	13500	8588	38200	337	153
5.5 HP (4.0 kW)	18.5	2.5	18144	2050	BF70Z-../DPE11LB4	95.46	3147	14000	9824	43700	511	232
5.5 HP (4.0 kW)	17	1.05	19472	2200	BF60-../DPE11LB4	103.7	3170	14100	8970	39900	337	153
5.5 HP (4.0 kW)	17	2.4	19472	2200	BF70Z-../DPE11LB4	105.2	3305	14700	10139	45100	511	232
5.5 HP (4.0 kW)	16	0.98	20799	2350	BF60-../DPE11LB4	113.1	3282	14600	9285	41300	337	153
5.5 HP (4.0 kW)	14.5	0.88	23012	2600	BF70Z-../DPE11LB4	125.5	3440	15300	9734	43300	337	153
5.5 HP (4.0 kW)	14.5	2.0	23012	2600	BF70Z-../DPE11LB4	122.7	3619	16100	10723	47700	511	232
5.5 HP (4.0 kW)	13.5	1.85	24782	2800	BF70Z-../DPE11LB4	133.0	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	13	3.3	25667	2900	BF80Z-../DPE11LB4	139.7	6002	26700	16861	75000	723	328
5.5 HP (4.0 kW)	11.5	1.6	29207	3300	BF70Z-../DPE11LB4	154.0	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	11.5	2.9	29207	3300	BF80Z-../DPE11LB4	158.5	6519	29000	16861	75000	723	328
5.5 HP (4.0 kW)	9.8	1.35	34075	3850	BF70Z-../DPE11LB4	179.7	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	9.6	2.4	34960	3950	BF80Z-../DPE11LB4	184.5	7149	31800	16861	75000	723	328
5.5 HP (4.0 kW)	8.9	1.2	37616	4250	BF70Z-../DPE11LB4	199.7	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	8.5	2.1	39386	4450	BF80Z-../DPE11LB4	209.4	7711	34300	16861	75000	723	328
5.5 HP (4.0 kW)	7.6	1.05	44254	5000	BF70Z-../DPE11LB4	233.0	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	7.5	1.9	44254	5000	BF80Z-../DPE11LB4	237.1	8295	36900	16861	75000	723	328
5.5 HP (4.0 kW)	6.9	0.95	48679	5500	BF70Z-../DPE11LB4	258.7	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	6.8	3.0	49564	5600	BF90Z-../DPE11LB4	259.0	9622	42800	26977	120000	1281	581
5.5 HP (4.0 kW)	6.6	1.65	50449	5700	BF80Z-../DPE11LB4	269.1	8902	39600	16861	75000	723	328
5.5 HP (4.0 kW)	6.6	3.2	50449	5700	BF90Z-../DPE11LB4	269.8	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	6.1	1.7	54875	6200	BF80Z-../DPE11LB4	291.7	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	5.9	0.81	56645	6400	BF70Z-../DPE11LB4	301.8	3619	16100	10723	47700	569	258
5.5 HP (4.0 kW)	5.9	2.9	56645	6400	BF90Z-../DPE11LB4	300.4	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	5.2	2.5	64610	7300	BF90Z-../DPE11LB4	343.6	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	5.1	1.4	65496	7400	BF80Z-../DPE11LB4	347.3	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	4.7	2.3	71691	8100	BF90Z-../DPE11LB4	382.6	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	4.5	1.25	74346	8400	BF80Z-../DPE11LB4	394.2	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	4.0	1.1	84082	9500	BF80Z-../DPE11LB4	450.4	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	3.9	1.9	85852	9700	BF90Z-../DPE11LB4	456.7	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	3.5	0.96	96473	10900	BF80Z-../DPE11LB4	511.2	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	3.5	1.7	96473	10900	BF90Z-../DPE11LB4	508.5	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	3.1	0.85	108864	12300	BF80Z-../DPE11LB4	583.4	8902	39600	16861	75000	827	375
5.5 HP (4.0 kW)	3.0	1.45	112404	12700	BF90Z-../DPE11LB4	591.1	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	2.7	1.3	124796	14100	BF90Z-../DPE11LB4	658.1	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	2.4	1.15	140727	15900	BF90Z-../DPE11LB4	759.0	9622	42800	26977	120000	1413	641

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

BF-series shaft-mounted geared motors

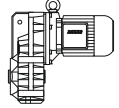
Selection - shaft-mounted geared motors

5.5 HP (4.0 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
5.5 HP (4.0 kW)	2.1	1.0	160198	18100	BF90Z-../DPE11LB4	845.1	9622	42800	26977	120000	1413	641
5.5 HP (4.0 kW)	1.9	1.0	163739	18500	BF90G50-../DPE11LB4	976.1	9622	42800	26977	120000	1435	651
5.5 HP (4.0 kW)	1.7	0.88	185866	21000	BF90G50-../DPE11LB4	1043	9622	42800	26977	120000	1435	651

6 HP (4.5 kW)



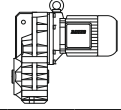
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
6 HP (4.5 kW)	300	2.3	1266	143	BF40-../DPE11LB4	5.87	798	3550	-	-	203	92
6 HP (4.5 kW)	280	1.7	1354	153	BF30-../DPE11LB4	6.34	540	2400	-	-	172	78
6 HP (4.5 kW)	230	2.0	1646	186	BF40-../DPE11LB4	7.62	877	3900	-	-	203	92
6 HP (4.5 kW)	230	3.0	1646	186	BF50-../DPE11LB4	7.71	1147	5100	-	-	269	122
6 HP (4.5 kW)	220	1.45	1726	195	BF30-../DPE11LB4	8.07	596	2650	-	-	172	78
6 HP (4.5 kW)	185	1.8	2036	230	BF40-../DPE11LB4	9.48	933	4150	-	-	203	92
6 HP (4.5 kW)	176	1.35	2124	240	BF30-../DPE11LB4	9.99	641	2850	-	-	172	78
6 HP (4.5 kW)	164	2.6	2301	260	BF50-../DPE11LB4	10.68	1259	5600	-	-	269	122
6 HP (4.5 kW)	149	1.65	2522	285	BF40-../DPE11LB4	11.79	1000	4450	-	-	203	92
6 HP (4.5 kW)	136	1.15	2788	315	BF30-../DPE11LB4	12.91	686	3050	-	-	172	78
6 HP (4.5 kW)	120	2.2	3142	355	BF50-../DPE11LB4	14.65	1371	6100	-	-	269	122
6 HP (4.5 kW)	117	1.45	3231	365	BF40-../DPE11LB4	15.02	1079	4800	-	-	203	92
6 HP (4.5 kW)	110	1.05	3452	390	BF30-../DPE11LB4	16.00	731	3250	-	-	172	78
6 HP (4.5 kW)	105	2.3	3585	405	BF50-../DPE11LB4	16.70	1394	6200	-	-	269	122
6 HP (4.5 kW)	101	1.5	3762	425	BF40-../DPE11LB4	17.35	1113	4950	-	-	203	92
6 HP (4.5 kW)	100	1.15	3762	425	BF30-../DPE11LB4	17.65	742	3300	-	-	172	78
6 HP (4.5 kW)	94	2.2	4027	455	BF50-../DPE11LB4	18.68	1439	6400	-	-	269	122
6 HP (4.5 kW)	94	3.3	4027	455	BF60-../DPE11LB4	18.81	1709	7600	4833	21500	337	153
6 HP (4.5 kW)	92	1.45	4116	465	BF40-../DPE11LB4	19.09	1147	5100	-	-	203	92
6 HP (4.5 kW)	91	1.05	4160	470	BF30-../DPE11LB4	19.41	764	3400	-	-	172	78
6 HP (4.5 kW)	82	1.35	4602	520	BF40-../DPE11LB4	21.60	1169	5200	-	-	203	92
6 HP (4.5 kW)	81	1.0	4691	530	BF30-../DPE11LB4	21.85	787	3500	-	-	172	78
6 HP (4.5 kW)	78	3.0	4868	550	BF60-../DPE11LB4	22.58	1798	8000	5081	22600	337	153
6 HP (4.5 kW)	76	2.0	4956	560	BF50-../DPE11LB4	23.14	1529	6800	-	-	269	122
6 HP (4.5 kW)	74	1.25	5133	580	BF40-../DPE11LB4	23.77	1214	5400	-	-	203	92
6 HP (4.5 kW)	73	0.95	5133	580	BF30-../DPE11LB4	24.03	809	3600	-	-	172	78
6 HP (4.5 kW)	70	2.8	5399	610	BF60-../DPE11LB4	25.05	1843	8200	5216	23200	337	153
6 HP (4.5 kW)	68	1.85	5576	630	BF50-../DPE11LB4	25.88	1596	7100	-	-	269	122
6 HP (4.5 kW)	66	1.2	5753	650	BF40-../DPE11LB4	26.86	1259	5600	-	-	203	92
6 HP (4.5 kW)	62	0.83	6107	690	BF30-../DPE11LB4	28.23	854	3800	-	-	172	78
6 HP (4.5 kW)	60	1.15	6284	710	BF40-../DPE11LB4	29.55	1304	5800	-	-	203	92
6 HP (4.5 kW)	57	2.5	6638	750	BF60-../DPE11LB4	31.20	1978	8800	5598	24900	337	153
6 HP (4.5 kW)	56	1.65	6727	760	BF50-../DPE11LB4	31.73	1686	7500	-	-	269	122
6 HP (4.5 kW)	52	1.05	7258	820	BF40-../DPE11LB4	34.21	1349	6000	-	-	203	92
6 HP (4.5 kW)	51	2.4	7435	840	BF60-../DPE11LB4	34.62	2046	9100	5778	25700	337	153
6 HP (4.5 kW)	49.5	1.5	7612	860	BF50-../DPE11LB4	35.49	1754	7800	-	-	269	122
6 HP (4.5 kW)	46.5	0.97	8143	920	BF40-../DPE11LB4	37.64	1394	6200	-	-	203	92
6 HP (4.5 kW)	42.5	0.89	8939	1010	BF40-../DPE11LB4	41.42	1461	6500	-	-	203	92
6 HP (4.5 kW)	42.5	2.1	8939	1010	BF60-../DPE11LB4	41.60	2158	9600	6092	27100	337	153
6 HP (4.5 kW)	42	1.25	9028	1020	BF50-../DPE11LB4	42.15	1911	8500	-	-	269	122
6 HP (4.5 kW)	38.5	0.81	9824	1110	BF40-../DPE11LB4	45.56	1529	6800	-	-	203	92
6 HP (4.5 kW)	38	1.95	10001	1130	BF60-../DPE11LB4	46.16	2226	9900	6295	28000	337	153
6 HP (4.5 kW)	37.5	1.15	10090	1140	BF50-../DPE11LB4	47.14	2001	8900	-	-	269	122
6 HP (4.5 kW)	32.5	1.75	11683	1320	BF60-../DPE11LB4	54.44	2360	10500	6677	29700	337	153

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

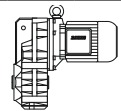
6 HP (4.5 kW)



P _N			Output Torque				Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF			Type	i	lb·f	N	lb·f	N		
6 HP (4.5 kW)	31	0.94	12214	1380	BF50-../DPE11LB4	56.86	2091	9300	-	-	269	122
6 HP (4.5 kW)	29	1.55	13099	1480	BF60-../DPE11LB4	60.40	2495	11100	7059	31400	337	153
6 HP (4.5 kW)	28	0.85	13542	1530	BF50-../DPE11LB4	63.59	2203	9800	-	-	269	122
6 HP (4.5 kW)	24.5	1.3	15489	1750	BF60-../DPE11LB4	72.15	2698	12000	7644	34000	337	153
6 HP (4.5 kW)	24.5	3.0	15489	1750	BF70-../DPE11LB4	72.26	2698	12000	8902	39600	511	232
6 HP (4.5 kW)	22	1.2	17259	1950	BF60-../DPE11LB4	80.05	2833	12600	8003	35600	337	153
6 HP (4.5 kW)	21.5	2.6	17613	1990	BF70-../DPE11LB4	81.82	2878	12800	9285	41300	511	232
6 HP (4.5 kW)	19	1.0	19914	2250	BF60-../DPE11LB4	93.44	3035	13500	8588	38200	337	153
6 HP (4.5 kW)	18.5	2.3	20357	2300	BF70-../DPE11LB4	95.46	3147	14000	9824	43700	511	232
6 HP (4.5 kW)	17	0.92	22127	2500	BF60-../DPE11LB4	103.7	3170	14100	8970	39900	337	153
6 HP (4.5 kW)	17	2.1	22127	2500	BF70-../DPE11LB4	105.2	3305	14700	10139	45100	511	232
6 HP (4.5 kW)	15.5	0.84	24340	2750	BF60-../DPE11LB4	113.1	3282	14600	9285	41300	337	153
6 HP (4.5 kW)	14.5	1.75	26110	2950	BF70-../DPE11LB4	122.7	3619	16100	10723	47700	511	232
6 HP (4.5 kW)	14.5	3.2	26110	2950	BF80-../DPE11LB4	122.4	5508	24500	16861	75000	723	328
6 HP (4.5 kW)	13.5	1.65	27880	3150	BF70Z-../DPE11LB4	133.0	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	13	2.9	29207	3300	BF80-../DPE11LB4	139.7	6002	26700	16861	75000	723	328
6 HP (4.5 kW)	11.5	1.4	32748	3700	BF70Z-../DPE11LB4	154.0	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	11.5	2.6	32748	3700	BF80-../DPE11LB4	158.5	6519	29000	16861	75000	723	328
6 HP (4.5 kW)	9.8	1.2	38501	4350	BF70Z-../DPE11LB4	179.7	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	9.5	2.1	39828	4500	BF80-../DPE11LB4	184.5	7149	31800	16861	75000	723	328
6 HP (4.5 kW)	8.8	1.05	42926	4850	BF70Z-../DPE11LB4	199.7	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	8.4	1.85	45139	5100	BF80-../DPE11LB4	209.4	7711	34300	16861	75000	723	328
6 HP (4.5 kW)	7.6	0.93	49564	5600	BF70Z-../DPE11LB4	233.0	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	7.6	3.0	49564	5600	BF90-../DPE11LB4	232.6	8970	39900	26595	118300	1281	581
6 HP (4.5 kW)	7.4	1.65	51334	5800	BF80-../DPE11LB4	237.1	8295	36900	16861	75000	723	328
6 HP (4.5 kW)	6.8	0.83	55760	6300	BF70Z-../DPE11LB4	258.7	3619	16100	10723	47700	569	258
6 HP (4.5 kW)	6.8	2.7	55760	6300	BF90-../DPE11LB4	259.0	9622	42800	26977	120000	1281	581
6 HP (4.5 kW)	6.6	1.45	57530	6500	BF80-../DPE11LB4	269.1	8902	39600	16861	75000	723	328
6 HP (4.5 kW)	6.5	2.8	58415	6600	BF90Z-../DPE11LB4	269.8	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	6.0	1.5	62840	7100	BF80Z-../DPE11LB4	291.7	8902	39600	16861	75000	827	375
6 HP (4.5 kW)	5.9	2.6	63725	7200	BF90Z-../DPE11LB4	300.4	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	5.1	1.25	74346	8400	BF80Z-../DPE11LB4	347.3	8902	39600	16861	75000	827	375
6 HP (4.5 kW)	5.1	2.2	74346	8400	BF90Z-../DPE11LB4	343.6	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	4.6	2.0	82312	9300	BF90Z-../DPE11LB4	382.6	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	4.5	1.1	84082	9500	BF80Z-../DPE11LB4	394.2	8902	39600	16861	75000	827	375
6 HP (4.5 kW)	3.9	0.95	97358	11000	BF80Z-../DPE11LB4	450.4	8902	39600	16861	75000	827	375
6 HP (4.5 kW)	3.9	1.7	97358	11000	BF90Z-../DPE11LB4	456.7	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	3.5	0.86	107979	12200	BF80Z-../DPE11LB4	511.2	8902	39600	16861	75000	827	375
6 HP (4.5 kW)	3.5	1.5	107979	12200	BF90Z-../DPE11LB4	508.5	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	3.0	1.3	126566	14300	BF90Z-../DPE11LB4	591.1	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	2.7	1.15	140727	15900	BF90Z-../DPE11LB4	658.1	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	2.4	1.05	158428	17900	BF90Z-../DPE11LB4	759.0	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	2.1	0.91	180555	20400	BF90Z-../DPE11LB4	845.1	9622	42800	26977	120000	1413	641
6 HP (4.5 kW)	1.8	0.83	196487	22200	BF90G50-../DPE11LB4	976.1	9622	42800	26977	120000	1435	651

7

7.5 HP (5.5 kW)

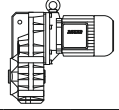


P _N			Output Torque				Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF			Type	i	lb·f	N	lb·f	N		
7.5 HP (5.5 kW)	330	3.1	1407	159	BF50-../DPE13XA4	5.38	1012	4500	-	-	302	137
7.5 HP (5.5 kW)	230	2.5	1991	225	BF50-../DPE13XA4	7.71	1147	5100	-	-	302	137
7.5 HP (5.5 kW)	172	3.3	2699	305	BF60-../DPE13XA4	10.31	1461	6500	4136	18400	375	170

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



7.5 HP (5.5 kW)

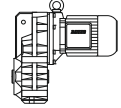
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
7.5 HP (5.5 kW)	166	2.1	2788	315	BF50-../DPE13XA4	10.68	1259	5600	-	-	302	137
7.5 HP (5.5 kW)	125	2.8	3717	420	BF60-../DPE13XA4	14.24	1596	7100	4496	20000	375	170
7.5 HP (5.5 kW)	121	1.85	3806	430	BF50-../DPE13XA4	14.65	1371	6100	-	-	302	137
7.5 HP (5.5 kW)	106	1.9	4381	495	BF50-../DPE13XA4	16.70	1394	6200	-	-	302	137
7.5 HP (5.5 kW)	105	2.9	4425	500	BF60-../DPE13XA4	16.96	1641	7300	4631	20600	375	170
7.5 HP (5.5 kW)	95	1.8	4868	550	BF50-../DPE13XA4	18.68	1439	6400	-	-	302	137
7.5 HP (5.5 kW)	95	2.8	4868	550	BF60-../DPE13XA4	18.81	1709	7600	4833	21500	375	170
7.5 HP (5.5 kW)	79	2.5	5841	660	BF60-../DPE13XA4	22.58	1798	8000	5081	22600	375	170
7.5 HP (5.5 kW)	77	1.65	6019	680	BF50-../DPE13XA4	23.14	1529	6800	-	-	302	137
7.5 HP (5.5 kW)	71	2.4	6461	730	BF60-../DPE13XA4	25.05	1843	8200	5216	23200	375	170
7.5 HP (5.5 kW)	69	1.55	6727	760	BF50-../DPE13XA4	25.88	1596	7100	-	-	302	137
7.5 HP (5.5 kW)	57	2.1	8143	920	BF60-../DPE13XA4	31.20	1978	8800	5598	24900	375	170
7.5 HP (5.5 kW)	56	1.35	8231	930	BF50-../DPE13XA4	31.73	1686	7500	-	-	302	137
7.5 HP (5.5 kW)	52	1.95	8939	1010	BF60-../DPE13XA4	34.62	2046	9100	5778	25700	375	170
7.5 HP (5.5 kW)	50	1.25	9293	1050	BF50-../DPE13XA4	35.49	1754	7800	-	-	302	137
7.5 HP (5.5 kW)	43	1.75	10798	1220	BF60-../DPE13XA4	41.60	2158	9600	6092	27100	375	170
7.5 HP (5.5 kW)	42	1.05	11063	1250	BF50-../DPE13XA4	42.15	1911	8500	-	-	302	137
7.5 HP (5.5 kW)	38.5	1.65	12037	1360	BF60-../DPE13XA4	46.16	2226	9900	6295	28000	375	170
7.5 HP (5.5 kW)	38	0.94	12214	1380	BF50-../DPE13XA4	47.14	2001	8900	-	-	302	137
7.5 HP (5.5 kW)	33	1.45	14073	1590	BF60-../DPE13XA4	54.44	2360	10500	6677	29700	375	170
7.5 HP (5.5 kW)	32	3.2	14515	1640	BF70-../DPE13XA4	55.79	2293	10200	8093	36000	549	249
7.5 HP (5.5 kW)	29.5	1.3	15754	1780	BF60-../DPE13XA4	60.40	2495	11100	7059	31400	375	170
7.5 HP (5.5 kW)	29	2.9	16020	1810	BF70-../DPE13XA4	61.94	2428	10800	8408	37400	549	249
7.5 HP (5.5 kW)	25	1.1	18587	2100	BF60-../DPE13XA4	72.15	2698	12000	7644	34000	375	170
7.5 HP (5.5 kW)	24.5	2.5	18587	2100	BF70-../DPE13XA4	72.26	2698	12000	8902	39600	549	249
7.5 HP (5.5 kW)	22.5	1.0	20357	2300	BF60-../DPE13XA4	80.05	2833	12600	8003	35600	375	170
7.5 HP (5.5 kW)	22	2.2	20799	2350	BF70-../DPE13XA4	81.82	2878	12800	9285	41300	549	249
7.5 HP (5.5 kW)	19	0.84	24340	2750	BF60-../DPE13XA4	93.44	3035	13500	8588	38200	375	170
7.5 HP (5.5 kW)	19	1.9	24340	2750	BF70-../DPE13XA4	95.46	3147	14000	9824	43700	549	249
7.5 HP (5.5 kW)	17	1.7	26995	3050	BF70-../DPE13XA4	105.2	3305	14700	10139	45100	549	249
7.5 HP (5.5 kW)	16.5	3.0	27880	3150	BF80-../DPE13XA4	107.9	5036	22400	16254	72300	761	345
7.5 HP (5.5 kW)	14.5	1.45	31863	3600	BF70-../DPE13XA4	122.7	3619	16100	10723	47700	549	249
7.5 HP (5.5 kW)	14.5	2.6	31863	3600	BF80-../DPE13XA4	122.4	5508	24500	16861	75000	761	345
7.5 HP (5.5 kW)	13.5	1.35	34075	3850	BF70Z-../DPE13XA4	133.0	3619	16100	10723	47700	604	274
7.5 HP (5.5 kW)	13	2.4	35403	4000	BF80-../DPE13XA4	139.7	6002	26700	16861	75000	761	345
7.5 HP (5.5 kW)	11.5	1.15	40271	4550	BF70Z-../DPE13XA4	154.0	3619	16100	10723	47700	604	274
7.5 HP (5.5 kW)	11.5	2.1	40271	4550	BF80-../DPE13XA4	158.5	6519	29000	16861	75000	761	345
7.5 HP (5.5 kW)	10	3.2	46024	5200	BF90-../DPE13XA4	178.6	7509	33400	23987	106700	1316	597
7.5 HP (5.5 kW)	9.9	0.98	46909	5300	BF70Z-../DPE13XA4	179.7	3619	16100	10723	47700	604	274
7.5 HP (5.5 kW)	9.6	1.75	47794	5400	BF80-../DPE13XA4	184.5	7149	31800	16861	75000	761	345
7.5 HP (5.5 kW)	9.0	2.9	51334	5800	BF90-../DPE13XA4	198.8	8093	36000	25021	111300	1316	597
7.5 HP (5.5 kW)	8.9	0.88	52219	5900	BF70Z-../DPE13XA4	199.7	3619	16100	10723	47700	604	274
7.5 HP (5.5 kW)	8.5	1.55	53990	6100	BF80-../DPE13XA4	209.4	7711	34300	16861	75000	761	345
7.5 HP (5.5 kW)	7.7	2.5	60185	6800	BF90-../DPE13XA4	232.6	8970	39900	26595	118300	1316	597
7.5 HP (5.5 kW)	7.5	1.35	61955	7000	BF80-../DPE13XA4	237.1	8295	36900	16861	75000	761	345
7.5 HP (5.5 kW)	6.9	2.2	67266	7600	BF90-../DPE13XA4	259.0	9622	42800	26977	120000	1316	597
7.5 HP (5.5 kW)	6.6	1.2	69921	7900	BF80-../DPE13XA4	269.1	8902	39600	16861	75000	761	345
7.5 HP (5.5 kW)	6.6	2.3	69921	7900	BF90Z-../DPE13XA4	269.8	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	6.1	1.2	76116	8600	BF80Z-../DPE13XA4	291.7	8902	39600	16861	75000	862	391
7.5 HP (5.5 kW)	5.9	2.1	78772	8900	BF90Z-../DPE13XA4	300.4	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	5.2	1.85	89393	10100	BF90Z-../DPE13XA4	343.6	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	5.1	1.05	90278	10200	BF80Z-../DPE13XA4	347.3	8902	39600	16861	75000	862	391
7.5 HP (5.5 kW)	4.7	1.65	98243	11100	BF90Z-../DPE13XA4	382.6	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	4.5	0.91	102669	11600	BF80Z-../DPE13XA4	394.2	8902	39600	16861	75000	862	391
7.5 HP (5.5 kW)	4.0	0.8	115945	13100	BF80Z-../DPE13XA4	450.4	8902	39600	16861	75000	862	391
7.5 HP (5.5 kW)	3.9	1.4	118600	13400	BF90Z-../DPE13XA4	456.7	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	3.5	1.25	132761	15000	BF90Z-../DPE13XA4	508.5	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	3.0	1.05	154888	17500	BF90Z-../DPE13XA4	591.1	9622	42800	26977	120000	1451	658

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

BF-series shaft-mounted geared motors

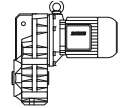
Selection - shaft-mounted geared motors

7.5 HP (5.5 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
7.5 HP (5.5 kW)	2.7	0.95	171704	19400	BF90Z-../DPE13XA4	658.1	9622	42800	26977	120000	1451	658
7.5 HP (5.5 kW)	2.4	0.85	192946	21800	BF90Z-../DPE13XA4	759.0	9622	42800	26977	120000	1451	658

10 HP (7.5 kW)



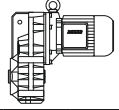
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
10 HP (7.5 kW)	330	2.3	1903	215	BF50-../DPE13XA4	5.38	1012	4500	-	-	302	137
10 HP (7.5 kW)	230	1.8	2744	310	BF50-../DPE13XA4	7.71	1147	5100	-	-	302	137
10 HP (7.5 kW)	230	2.8	2744	310	BF60-../DPE13XA4	7.74	1349	6000	3799	16900	375	170
10 HP (7.5 kW)	172	2.4	3673	415	BF60-../DPE13XA4	10.31	1461	6500	4136	18400	375	170
10 HP (7.5 kW)	166	1.55	3806	430	BF50-../DPE13XA4	10.68	1259	5600	-	-	302	137
10 HP (7.5 kW)	124	2.1	5045	570	BF60-../DPE13XA4	14.24	1596	7100	4496	20000	375	170
10 HP (7.5 kW)	121	1.35	5222	590	BF50-../DPE13XA4	14.65	1371	6100	-	-	302	137
10 HP (7.5 kW)	106	1.4	5930	670	BF60-../DPE13XA4	16.70	1394	6200	-	-	302	137
10 HP (7.5 kW)	105	2.1	6019	680	BF60-../DPE13XA4	16.96	1641	7300	4631	20600	375	170
10 HP (7.5 kW)	95	1.35	6638	750	BF50-../DPE13XA4	18.68	1439	6400	-	-	302	137
10 HP (7.5 kW)	94	2.0	6727	760	BF60-../DPE13XA4	18.81	1709	7600	4833	21500	375	170
10 HP (7.5 kW)	79	1.85	7966	900	BF60-../DPE13XA4	22.58	1798	8000	5081	22600	375	170
10 HP (7.5 kW)	77	1.2	8231	930	BF50-../DPE13XA4	23.14	1529	6800	-	-	302	137
10 HP (7.5 kW)	71	1.75	8851	1000	BF60-../DPE13XA4	25.05	1843	8200	5216	23200	375	170
10 HP (7.5 kW)	69	1.15	9116	1030	BF50-../DPE13XA4	25.88	1596	7100	-	-	302	137
10 HP (7.5 kW)	57	1.5	11063	1250	BF60-../DPE13XA4	31.20	1978	8800	5598	24900	375	170
10 HP (7.5 kW)	56	1.0	11240	1270	BF50-../DPE13XA4	31.73	1686	7500	-	-	302	137
10 HP (7.5 kW)	51	1.4	12391	1400	BF60-../DPE13XA4	34.62	2046	9100	5778	25700	375	170
10 HP (7.5 kW)	50	0.91	12657	1430	BF50-../DPE13XA4	35.49	1754	7800	-	-	302	137
10 HP (7.5 kW)	42.5	1.25	14869	1680	BF60-../DPE13XA4	41.60	2158	9600	6092	27100	375	170
10 HP (7.5 kW)	41.5	3.0	15223	1720	BF70-../DPE13XA4	43.02	1956	8700	7374	32800	549	249
10 HP (7.5 kW)	38.5	1.2	16462	1860	BF60-../DPE13XA4	46.16	2226	9900	6295	28000	375	170
10 HP (7.5 kW)	37	2.7	17082	1930	BF70-../DPE13XA4	47.82	2046	9100	7644	34000	549	249
10 HP (7.5 kW)	32.5	1.05	19472	2200	BF60-../DPE13XA4	54.44	2360	10500	6677	29700	375	170
10 HP (7.5 kW)	32	2.4	19472	2200	BF70-../DPE13XA4	55.79	2293	10200	8093	36000	549	249
10 HP (7.5 kW)	29.5	0.96	21242	2400	BF60-../DPE13XA4	60.40	2495	11100	7059	31400	375	170
10 HP (7.5 kW)	28.5	2.1	22127	2500	BF70-../DPE13XA4	61.94	2428	10800	8408	37400	549	249
10 HP (7.5 kW)	24.5	1.8	25667	2900	BF70-../DPE13XA4	72.26	2698	12000	8902	39600	549	249
10 HP (7.5 kW)	22	1.6	28765	3250	BF70-../DPE13XA4	81.82	2878	12800	9285	41300	549	249
10 HP (7.5 kW)	21.5	2.9	29207	3300	BF80-../DPE13XA4	83.16	4136	18400	14635	65100	761	345
10 HP (7.5 kW)	19	2.5	33190	3750	BF80-../DPE13XA4	94.38	4564	20300	15399	68500	761	345
10 HP (7.5 kW)	18.5	1.35	34075	3850	BF70-../DPE13XA4	95.46	3147	14000	9824	43700	549	249
10 HP (7.5 kW)	17	1.25	37173	4200	BF70-../DPE13XA4	105.2	3305	14700	10139	45100	549	249
10 HP (7.5 kW)	16.5	2.2	38058	4300	BF80-../DPE13XA4	107.9	5036	22400	16254	72300	761	345
10 HP (7.5 kW)	14.5	1.05	43369	4900	BF70-../DPE13XA4	122.7	3619	16100	10723	47700	549	249
10 HP (7.5 kW)	14.5	1.95	43369	4900	BF80-../DPE13XA4	122.4	5508	24500	16861	75000	761	345
10 HP (7.5 kW)	13.5	0.98	46909	5300	BF70Z-../DPE13XA4	133.0	3619	16100	10723	47700	604	274
10 HP (7.5 kW)	13	1.75	48679	5500	BF80-../DPE13XA4	139.7	6002	26700	16861	75000	761	345
10 HP (7.5 kW)	13	3.1	48679	5500	BF90-../DPE13XA4	139.1	6227	27700	21649	96300	1316	597
10 HP (7.5 kW)	11.5	0.84	54875	6200	BF70Z-../DPE13XA4	154.0	3619	16100	10723	47700	604	274
10 HP (7.5 kW)	11.5	1.55	54875	6200	BF80-../DPE13XA4	158.5	6519	29000	16861	75000	761	345
10 HP (7.5 kW)	11.5	2.7	54875	6200	BF90-../DPE13XA4	154.8	6767	30100	22661	100800	1316	597
10 HP (7.5 kW)	9.9	2.3	63725	7200	BF90-../DPE13XA4	178.6	7509	33400	23987	106700	1316	597
10 HP (7.5 kW)	9.6	1.3	65496	7400	BF80-../DPE13XA4	184.5	7149	31800	16861	75000	761	345
10 HP (7.5 kW)	8.9	2.1	70806	8000	BF90-../DPE13XA4	198.8	8093	36000	25021	111300	1316	597

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

BF-series shaft-mounted geared motors

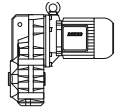
Selection - shaft-mounted geared motors

10 HP (7.5 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
10 HP (7.5 kW)	8.5	1.15	74346	8400	BF80-../DPE13XA4	209.4	7711	34300	16861	75000	761	345
10 HP (7.5 kW)	7.6	1.8	83197	9400	BF90-../DPE13XA4	232.6	8970	39900	26595	118300	1316	597
10 HP (7.5 kW)	7.5	1.0	84082	9500	BF80-../DPE13XA4	237.1	8295	36900	16861	75000	761	345
10 HP (7.5 kW)	6.9	1.65	91163	10300	BF90-../DPE13XA4	259.0	9622	42800	26977	120000	1316	597
10 HP (7.5 kW)	6.6	0.88	95588	10800	BF80-../DPE13XA4	269.1	8902	39600	16861	75000	761	345
10 HP (7.5 kW)	6.6	1.7	95588	10800	BF90Z-../DPE13XA4	269.8	9622	42800	26977	120000	1451	658
10 HP (7.5 kW)	6.1	0.9	103554	11700	BF80Z-../DPE13XA4	291.7	8902	39600	16861	75000	862	391
10 HP (7.5 kW)	5.9	1.55	107094	12100	BF90Z-../DPE13XA4	300.4	9622	42800	26977	120000	1451	658
10 HP (7.5 kW)	5.2	1.35	121255	13700	BF90Z-../DPE13XA4	343.6	9622	42800	26977	120000	1451	658
10 HP (7.5 kW)	4.7	1.2	134531	15200	BF90Z-../DPE13XA4	382.6	9622	42800	26977	120000	1451	658
10 HP (7.5 kW)	3.9	1.0	161969	18300	BF90Z-../DPE13XA4	456.7	9622	42800	26977	120000	1451	658
10 HP (7.5 kW)	3.5	0.91	180555	20400	BF90Z-../DPE13XA4	508.5	9622	42800	26977	120000	1451	658

12.75 HP (9.5 kW)



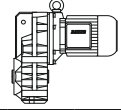
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
12.75 HP (9.5 kW)	345	2.9	2301	260	BF60-../DPE16LB4	5.22	1169	5200	3327	14800	454	206
12.75 HP (9.5 kW)	335	1.85	2390	270	BF50-../DPE16LB4	5.38	1012	4500	-	-	381	173
12.75 HP (9.5 kW)	235	1.45	3408	385	BF50-../DPE16LB4	7.71	1147	5100	-	-	381	173
12.75 HP (9.5 kW)	230	2.2	3452	390	BF60-../DPE16LB4	7.74	1349	6000	3799	16900	454	206
12.75 HP (9.5 kW)	173	1.95	4602	520	BF60-../DPE16LB4	10.31	1461	6500	4136	18400	454	206
12.75 HP (9.5 kW)	167	1.25	4779	540	BF50-../DPE16LB4	10.68	1259	5600	-	-	381	173
12.75 HP (9.5 kW)	125	1.65	6373	720	BF60-../DPE16LB4	14.24	1596	7100	4496	20000	454	206
12.75 HP (9.5 kW)	122	1.05	6550	740	BF50-../DPE16LB4	14.65	1371	6100	-	-	381	173
12.75 HP (9.5 kW)	107	1.15	7435	840	BF50-../DPE16LB4	16.70	1394	6200	-	-	381	173
12.75 HP (9.5 kW)	105	1.7	7612	860	BF60-../DPE16LB4	16.96	1641	7300	4631	20600	454	206
12.75 HP (9.5 kW)	96	1.05	8320	940	BF50-../DPE16LB4	18.68	1439	6400	-	-	381	173
12.75 HP (9.5 kW)	95	1.6	8408	950	BF60-../DPE16LB4	18.81	1709	7600	4833	21500	454	206
12.75 HP (9.5 kW)	79	1.45	10090	1140	BF60-../DPE16LB4	22.58	1798	8000	5081	22600	454	206
12.75 HP (9.5 kW)	77	0.95	10355	1170	BF50-../DPE16LB4	23.14	1529	6800	-	-	381	173
12.75 HP (9.5 kW)	72	1.4	11152	1260	BF60-../DPE16LB4	25.05	1843	8200	5216	23200	454	206
12.75 HP (9.5 kW)	69	0.89	11594	1310	BF50-../DPE16LB4	25.88	1596	7100	-	-	381	173
12.75 HP (9.5 kW)	58	1.2	13807	1560	BF60-../DPE16LB4	31.20	1978	8800	5598	24900	454	206
12.75 HP (9.5 kW)	57	0.8	14073	1590	BF50-../DPE16LB4	31.73	1686	7500	-	-	381	173
12.75 HP (9.5 kW)	56	3.2	14338	1620	BF70-../DPE16LB4	31.84	1731	7700	6744	30000	637	289
12.75 HP (9.5 kW)	52	1.15	15400	1740	BF60-../DPE16LB4	34.62	2046	9100	5778	25700	454	206
12.75 HP (9.5 kW)	48.5	2.8	16551	1870	BF70-../DPE16LB4	36.88	1776	7900	6992	31100	637	289
12.75 HP (9.5 kW)	43	1.0	18587	2100	BF60-../DPE16LB4	41.60	2158	9600	6092	27100	454	206
12.75 HP (9.5 kW)	41.5	2.4	19029	2150	BF70-../DPE16LB4	43.02	1956	8700	7374	32800	637	289
12.75 HP (9.5 kW)	39	0.97	20357	2300	BF60-../DPE16LB4	46.16	2226	9900	6295	28000	454	206
12.75 HP (9.5 kW)	37.5	2.2	21242	2400	BF70-../DPE16LB4	47.82	2046	9100	7644	34000	637	289
12.75 HP (9.5 kW)	33.5	3.3	23897	2700	BF80-../DPE16LB4	53.86	3147	14000	12544	55800	849	385
12.75 HP (9.5 kW)	33	0.85	23897	2700	BF60-../DPE16LB4	54.44	2360	10500	6677	29700	454	206
12.75 HP (9.5 kW)	32	1.85	24782	2800	BF70-../DPE16LB4	55.79	2293	10200	8093	36000	637	289
12.75 HP (9.5 kW)	29	1.7	27437	3100	BF70-../DPE16LB4	61.94	2428	10800	8408	37400	637	289
12.75 HP (9.5 kW)	29	3.0	27437	3100	BF80-../DPE16LB4	61.55	3327	14800	13061	58100	849	385
12.75 HP (9.5 kW)	25.5	2.7	31420	3550	BF80-../DPE16LB4	69.86	3574	15900	13623	60600	849	385
12.75 HP (9.5 kW)	25	1.45	31863	3600	BF70-../DPE16LB4	72.26	2698	12000	8902	39600	637	289
12.75 HP (9.5 kW)	22	1.25	36288	4100	BF70-../DPE16LB4	81.82	2878	12800	9285	41300	637	289
12.75 HP (9.5 kW)	21.5	2.3	37173	4200	BF80-../DPE16LB4	83.16	4136	18400	14635	65100	849	385
12.75 HP (9.5 kW)	19	1.1	42041	4750	BF70-../DPE16LB4	95.46	3147	14000	9824	43700	637	289

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

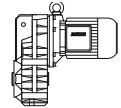
12.75 HP (9.5 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
12.75 HP (9.5 kW)	19	2.0	42041	4750	BF80-../DPE16LB4	94.38	4564	20300	15399	68500	849	385
12.75 HP (9.5 kW)	17	0.98	46909	5300	BF70-../DPE16LB4	105.2	3305	14700	10139	45100	637	289
12.75 HP (9.5 kW)	17	3.2	46909	5300	BF90-../DPE16LB4	107.5	5013	22300	19536	86900	1393	632
12.75 HP (9.5 kW)	16.5	1.75	47794	5400	BF80-../DPE16LB4	107.9	5036	22400	16254	72300	849	385
12.75 HP (9.5 kW)	15	0.87	53104	6000	BF70-../DPE16LB4	122.7	3619	16100	10723	47700	637	289
12.75 HP (9.5 kW)	15	1.6	53104	6000	BF80-../DPE16LB4	122.4	5508	24500	16861	75000	849	385
12.75 HP (9.5 kW)	15	2.8	53104	6000	BF90-../DPE16LB4	119.7	5508	24500	20413	90800	1393	632
12.75 HP (9.5 kW)	13	1.4	61070	6900	BF80-../DPE16LB4	139.7	6002	26700	16861	75000	849	385
12.75 HP (9.5 kW)	13	2.4	61070	6900	BF90-../DPE16LB4	139.1	6227	27700	21649	96300	1393	632
12.75 HP (9.5 kW)	11.5	1.2	69036	7800	BF80-../DPE16LB4	158.5	6519	29000	16861	75000	849	385
12.75 HP (9.5 kW)	11.5	2.2	69036	7800	BF90-../DPE16LB4	154.8	6767	30100	22661	100800	1393	632
12.75 HP (9.5 kW)	10	1.85	79657	9000	BF90-../DPE16LB4	178.6	7509	33400	23987	106700	1393	632
12.75 HP (9.5 kW)	9.7	1.0	82312	9300	BF80-../DPE16LB4	184.5	7149	31800	16861	75000	849	385
12.75 HP (9.5 kW)	9.0	1.7	88507	10000	BF90-../DPE16LB4	198.8	8093	36000	25021	111300	1393	632
12.75 HP (9.5 kW)	8.6	0.9	92933	10500	BF80-../DPE16LB4	209.4	7711	34300	16861	75000	849	385
12.75 HP (9.5 kW)	7.7	1.45	103554	11700	BF90-../DPE16LB4	232.6	8970	39900	26595	118300	1393	632
12.75 HP (9.5 kW)	7.6	0.8	105324	11900	BF80-../DPE16LB4	237.1	8295	36900	16861	75000	849	385
12.75 HP (9.5 kW)	6.9	1.3	115945	13100	BF90-../DPE16LB4	259.0	9622	42800	26977	120000	1393	632
12.75 HP (9.5 kW)	6.6	1.35	121255	13700	BF90Z-../DPE16LB4	269.8	9622	42800	26977	120000	1530	694
12.75 HP (9.5 kW)	6.0	1.25	133646	15100	BF90Z-../DPE16LB4	300.4	9622	42800	26977	120000	1530	694
12.75 HP (9.5 kW)	5.2	1.05	154003	17400	BF90Z-../DPE16LB4	343.6	9622	42800	26977	120000	1530	694
12.75 HP (9.5 kW)	4.7	0.96	170819	19300	BF90Z-../DPE16LB4	382.6	9622	42800	26977	120000	1530	694
12.75 HP (9.5 kW)	3.9	0.8	205337	23200	BF90Z-../DPE16LB4	456.7	9622	42800	26977	120000	1530	694

7

15 HP (11 kW)



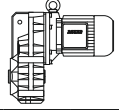
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
15 HP (11 kW)	345	2.5	2655	300	BF60-../DPE16LB4	5.22	1169	5200	3327	14800	454	206
15 HP (11 kW)	335	1.6	2744	310	BF50-../DPE16LB4	5.38	1012	4500	-	-	381	173
15 HP (11 kW)	235	1.25	3939	445	BF50-../DPE16LB4	7.71	1147	5100	-	-	381	173
15 HP (11 kW)	230	1.9	4027	455	BF60-../DPE16LB4	7.74	1349	6000	3799	16900	454	206
15 HP (11 kW)	173	1.7	5310	600	BF60-../DPE16LB4	10.31	1461	6500	4136	18400	454	206
15 HP (11 kW)	167	1.1	5487	620	BF50-../DPE16LB4	10.68	1259	5600	-	-	381	173
15 HP (11 kW)	125	1.4	7435	840	BF60-../DPE16LB4	14.24	1596	7100	4496	20000	454	206
15 HP (11 kW)	122	0.92	7612	860	BF50-../DPE16LB4	14.65	1371	6100	-	-	381	173
15 HP (11 kW)	107	0.97	8674	980	BF50-../DPE16LB4	16.70	1394	6200	-	-	381	173
15 HP (11 kW)	105	1.45	8851	1000	BF60-../DPE16LB4	16.96	1641	7300	4631	20600	454	206
15 HP (11 kW)	96	0.92	9647	1090	BF50-../DPE16LB4	18.68	1439	6400	-	-	381	173
15 HP (11 kW)	95	1.4	9736	1100	BF60-../DPE16LB4	18.81	1709	7600	4833	21500	454	206
15 HP (11 kW)	79	1.25	11683	1320	BF60-../DPE16LB4	22.58	1798	8000	5081	22600	454	206
15 HP (11 kW)	77	0.81	12037	1360	BF50-../DPE16LB4	23.14	1529	6800	-	-	381	173
15 HP (11 kW)	72	1.2	12834	1450	BF60-../DPE16LB4	25.05	1843	8200	5216	23200	454	206
15 HP (11 kW)	66	3.3	14073	1590	BF70-../DPE16LB4	27.29	1574	7000	6385	28400	637	289
15 HP (11 kW)	58	1.05	16020	1810	BF60-../DPE16LB4	31.20	1978	8800	5598	24900	454	206
15 HP (11 kW)	56	2.8	16551	1870	BF70-../DPE16LB4	31.84	1731	7700	6744	30000	637	289
15 HP (11 kW)	52	0.99	17701	2000	BF60-../DPE16LB4	34.62	2046	9100	5778	25700	454	206
15 HP (11 kW)	48.5	2.4	19029	2150	BF70-../DPE16LB4	36.88	1776	7900	6992	31100	637	289
15 HP (11 kW)	43	0.89	21242	2400	BF60-../DPE16LB4	41.60	2158	9600	6092	27100	454	206
15 HP (11 kW)	41.5	2.1	22127	2500	BF70-../DPE16LB4	43.02	1956	8700	7374	32800	637	289
15 HP (11 kW)	39	0.84	23454	2650	BF60-../DPE16LB4	46.16	2226	9900	6295	28000	454	206
15 HP (11 kW)	38	3.1	24340	2750	BF80-../DPE16LB4	47.46	3012	13400	12072	53700	849	385

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

BF-series shaft-mounted geared motors

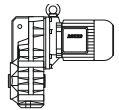
Selection - shaft-mounted geared motors

15 HP (11 kW)



P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
15 HP (11 kW)	37.5	1.85	24782	2800	BF70-../DPE16LB4	47.82	2046	9100	7644	34000	637	289
15 HP (11 kW)	33.5	2.9	27437	3100	BF80-../DPE16LB4	53.86	3147	14000	12544	55800	849	385
15 HP (11 kW)	32	1.6	28765	3250	BF70-../DPE16LB4	55.79	2293	10200	8093	36000	637	289
15 HP (11 kW)	29	1.45	31863	3600	BF70-../DPE16LB4	61.94	2428	10800	8408	37400	637	289
15 HP (11 kW)	29	2.6	31863	3600	BF80-../DPE16LB4	61.55	3327	14800	13061	58100	849	385
15 HP (11 kW)	25.5	2.3	36288	4100	BF80-../DPE16LB4	69.86	3574	15900	13623	60600	849	385
15 HP (11 kW)	25	1.25	37173	4200	BF70-../DPE16LB4	72.26	2698	12000	8902	39600	637	289
15 HP (11 kW)	22	1.1	42041	4750	BF70-../DPE16LB4	81.82	2878	12800	9285	41300	637	289
15 HP (11 kW)	21.5	1.95	42926	4850	BF80-../DPE16LB4	83.16	4136	18400	14635	65100	849	385
15 HP (11 kW)	20	3.2	46024	5200	BF90-../DPE16LB4	90.02	4249	18900	18120	80600	1393	632
15 HP (11 kW)	19	0.95	48679	5500	BF70-../DPE16LB4	95.46	3147	14000	9824	43700	637	289
15 HP (11 kW)	19	1.75	48679	5500	BF80-../DPE16LB4	94.38	4564	20300	15399	68500	849	385
15 HP (11 kW)	17	0.85	53990	6100	BF70-../DPE16LB4	105.2	3305	14700	10139	45100	637	289
15 HP (11 kW)	17	2.8	53990	6100	BF90-../DPE16LB4	107.5	5013	22300	19536	86900	1393	632
15 HP (11 kW)	16.5	1.5	55760	6300	BF80-../DPE16LB4	107.9	5036	22400	16254	72300	849	385
15 HP (11 kW)	15	1.35	61955	7000	BF80-../DPE16LB4	122.4	5508	24500	16861	75000	849	385
15 HP (11 kW)	15	2.4	61955	7000	BF90-../DPE16LB4	119.7	5508	24500	20413	90800	1393	632
15 HP (11 kW)	13	1.2	70806	8000	BF80-../DPE16LB4	139.7	6002	26700	16861	75000	849	385
15 HP (11 kW)	13	2.1	70806	8000	BF90-../DPE16LB4	139.1	6227	27700	21649	96300	1393	632
15 HP (11 kW)	11.5	1.05	80542	9100	BF80-../DPE16LB4	158.5	6519	29000	16861	75000	849	385
15 HP (11 kW)	11.5	1.85	80542	9100	BF90-../DPE16LB4	154.8	6767	30100	22661	100800	1393	632
15 HP (11 kW)	10	1.6	92933	10500	BF90-../DPE16LB4	178.6	7509	33400	23987	106700	1393	632
15 HP (11 kW)	9.7	0.88	95588	10800	BF80-../DPE16LB4	184.5	7149	31800	16861	75000	849	385
15 HP (11 kW)	9.0	1.45	102669	11600	BF90-../DPE16LB4	198.8	8093	36000	25021	111300	1393	632
15 HP (11 kW)	7.7	1.25	120370	13600	BF90-../DPE16LB4	232.6	8970	39900	26595	118300	1393	632
15 HP (11 kW)	6.9	1.1	134531	15200	BF90-../DPE16LB4	259.0	9622	42800	26977	120000	1393	632
15 HP (11 kW)	6.6	1.15	140727	15900	BF90Z-../DPE16LB4	269.8	9622	42800	26977	120000	1530	694
15 HP (11 kW)	6.0	1.05	154888	17500	BF90Z-../DPE16LB4	300.4	9622	42800	26977	120000	1530	694
15 HP (11 kW)	5.2	0.92	178785	20200	BF90Z-../DPE16LB4	343.6	9622	42800	26977	120000	1530	694
15 HP (11 kW)	4.7	0.83	197372	22300	BF90Z-../DPE16LB4	382.6	9622	42800	26977	120000	1530	694

16.8 HP (12.5 kW)



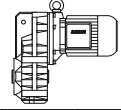
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
16.8 HP (12.5 kW)	340	2.2	3098	350	BF60-../DPE16LB4	5.22	1169	5200	3327	14800	454	206
16.8 HP (12.5 kW)	330	1.4	3186	360	BF50-../DPE16LB4	5.38	1012	4500	-	-	381	173
16.8 HP (12.5 kW)	230	1.1	4514	510	BF50-../DPE16LB4	7.71	1147	5100	-	-	381	173
16.8 HP (12.5 kW)	230	1.7	4514	510	BF60-../DPE16LB4	7.74	1349	6000	3799	16900	454	206
16.8 HP (12.5 kW)	172	1.45	6107	690	BF60-../DPE16LB4	10.31	1461	6500	4136	18400	454	206
16.8 HP (12.5 kW)	166	0.95	6284	710	BF50-../DPE16LB4	10.68	1259	5600	-	-	381	173
16.8 HP (12.5 kW)	125	1.25	8408	950	BF60-../DPE16LB4	14.24	1596	7100	4496	20000	454	206
16.8 HP (12.5 kW)	121	0.81	8674	980	BF50-../DPE16LB4	14.65	1371	6100	-	-	381	173
16.8 HP (12.5 kW)	106	0.85	9913	1120	BF50-../DPE16LB4	16.70	1394	6200	-	-	381	173
16.8 HP (12.5 kW)	105	1.3	10001	1130	BF60-../DPE16LB4	16.96	1641	7300	4631	20600	454	206
16.8 HP (12.5 kW)	95	0.8	11063	1250	BF50-../DPE16LB4	18.68	1439	6400	-	-	381	173
16.8 HP (12.5 kW)	95	1.2	11063	1250	BF60-../DPE16LB4	18.81	1709	7600	4833	21500	454	206
16.8 HP (12.5 kW)	85	3.3	12391	1400	BF70-../DPE16LB4	21.04	1439	6400	5912	26300	637	289
16.8 HP (12.5 kW)	79	1.1	13365	1510	BF60-../DPE16LB4	22.58	1798	8000	5081	22600	454	206
16.8 HP (12.5 kW)	73	3.1	14427	1630	BF70-../DPE16LB4	24.55	1574	7000	6227	27700	637	289
16.8 HP (12.5 kW)	71	1.05	14869	1680	BF60-../DPE16LB4	25.05	1843	8200	5216	23200	454	206
16.8 HP (12.5 kW)	65	2.8	16197	1830	BF70-../DPE16LB4	27.29	1574	7000	6385	28400	637	289

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

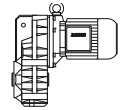
16.8 HP (12.5 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
16.8 HP (12.5 kW)	57	0.93	18144	2050	BF60-../DPE16LB4	31.20	1978	8800	5598	24900	454	206
16.8 HP (12.5 kW)	56	2.5	18587	2100	BF70-../DPE16LB4	31.84	1731	7700	6744	30000	637	289
16.8 HP (12.5 kW)	52	0.88	19914	2250	BF60-../DPE16LB4	34.62	2046	9100	5778	25700	454	206
16.8 HP (12.5 kW)	48	2.1	21684	2450	BF70-../DPE16LB4	36.88	1776	7900	6992	31100	637	289
16.8 HP (12.5 kW)	46.5	3.2	22569	2550	BF80-../DPE16LB4	38.14	2743	12200	11308	50300	849	385
16.8 HP (12.5 kW)	41.5	1.8	25225	2850	BF70-../DPE16LB4	43.02	1956	8700	7374	32800	637	289
16.8 HP (12.5 kW)	37.5	1.65	27880	3150	BF70-../DPE16LB4	47.82	2046	9100	7644	34000	637	289
16.8 HP (12.5 kW)	37.5	2.7	27880	3150	BF80-../DPE16LB4	47.46	3012	13400	12072	53700	849	385
16.8 HP (12.5 kW)	33	2.5	31863	3600	BF80-../DPE16LB4	53.86	3147	14000	12544	55800	849	385
16.8 HP (12.5 kW)	32	1.4	32748	3700	BF70-../DPE16LB4	55.79	2293	10200	8093	36000	637	289
16.8 HP (12.5 kW)	29	1.25	36288	4100	BF70-../DPE16LB4	61.94	2428	10800	8408	37400	637	289
16.8 HP (12.5 kW)	29	2.3	36288	4100	BF80-../DPE16LB4	61.55	3327	14800	13061	58100	849	385
16.8 HP (12.5 kW)	25.5	2.0	41156	4650	BF80-../DPE16LB4	69.86	3574	15900	13623	60600	849	385
16.8 HP (12.5 kW)	24.5	1.05	42926	4850	BF70-../DPE16LB4	72.26	2698	12000	8902	39600	637	289
16.8 HP (12.5 kW)	22	0.96	47794	5400	BF70-../DPE16LB4	81.82	2878	12800	9285	41300	637	289
16.8 HP (12.5 kW)	22	3.1	47794	5400	BF90-../DPE16LB4	80.85	3934	17500	17423	77500	1393	632
16.8 HP (12.5 kW)	21.5	1.75	48679	5500	BF80-../DPE16LB4	83.16	4136	18400	14635	65100	849	385
16.8 HP (12.5 kW)	20	2.8	52219	5900	BF90-../DPE16LB4	90.02	4249	18900	18120	80600	1393	632
16.8 HP (12.5 kW)	19	0.84	54875	6200	BF70-../DPE16LB4	95.46	3147	14000	9824	43700	637	289
16.8 HP (12.5 kW)	19	1.55	54875	6200	BF80-../DPE16LB4	94.38	4564	20300	15399	68500	849	385
16.8 HP (12.5 kW)	16.5	1.3	63725	7200	BF80-../DPE16LB4	107.9	5036	22400	16254	72300	849	385
16.8 HP (12.5 kW)	16.5	2.3	63725	7200	BF90-../DPE16LB4	107.5	5013	22300	19536	86900	1393	632
16.8 HP (12.5 kW)	15	2.1	69921	7900	BF90-../DPE16LB4	119.7	5508	24500	20413	90800	1393	632
16.8 HP (12.5 kW)	14.5	1.15	72576	8200	BF80-../DPE16LB4	122.4	5508	24500	16861	75000	849	385
16.8 HP (12.5 kW)	13	1.05	80542	9100	BF80-../DPE16LB4	139.7	6002	26700	16861	75000	849	385
16.8 HP (12.5 kW)	13	1.85	80542	9100	BF90-../DPE16LB4	139.1	6227	27700	21649	96300	1393	632
16.8 HP (12.5 kW)	11.5	0.92	91163	10300	BF80-../DPE16LB4	158.5	6519	29000	16861	75000	849	385
16.8 HP (12.5 kW)	11.5	1.65	91163	10300	BF90-../DPE16LB4	154.8	6767	30100	22661	100800	1393	632
16.8 HP (12.5 kW)	10	1.4	105324	11900	BF90-../DPE16LB4	178.6	7509	33400	23987	106700	1393	632
16.8 HP (12.5 kW)	9.0	1.25	116830	13200	BF90-../DPE16LB4	198.8	8093	36000	25021	111300	1393	632
16.8 HP (12.5 kW)	7.7	1.1	137187	15500	BF90-../DPE16LB4	232.6	8970	39900	26595	118300	1393	632
16.8 HP (12.5 kW)	6.9	0.97	153118	17300	BF90-../DPE16LB4	259.0	9622	42800	26977	120000	1393	632
16.8 HP (12.5 kW)	6.6	1.05	159313	18000	BF90Z-../DPE16LB4	269.8	9622	42800	26977	120000	1530	694
16.8 HP (12.5 kW)	5.9	0.92	178785	20200	BF90Z-../DPE16LB4	300.4	9622	42800	26977	120000	1530	694
16.8 HP (12.5 kW)	5.2	0.81	202682	22900	BF90Z-../DPE16LB4	343.6	9622	42800	26977	120000	1530	694

7

20 HP (15 kW)



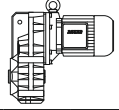
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
20 HP (15 kW)	345	1.8	3673	415	BF60-../DPE16XB4	5.22	1169	5200	3327	14800	476	216
20 HP (15 kW)	335	1.15	3762	425	BF50-../DPE16XB4	5.38	1012	4500	-	-	403	183
20 HP (15 kW)	235	0.94	5310	600	BF50-../DPE16XB4	7.71	1147	5100	-	-	403	183
20 HP (15 kW)	230	1.4	5487	620	BF60-../DPE16XB4	7.74	1349	6000	3799	16900	476	216
20 HP (15 kW)	173	1.25	7258	820	BF60-../DPE16XB4	10.31	1461	6500	4136	18400	476	216
20 HP (15 kW)	167	0.8	7523	850	BF50-../DPE16XB4	10.68	1259	5600	-	-	403	183
20 HP (15 kW)	125	1.05	10090	1140	BF60-../DPE16XB4	14.24	1596	7100	4496	20000	476	216
20 HP (15 kW)	120	3.1	10532	1190	BF70-../DPE16XB4	14.90	1326	5900	5395	24000	659	299
20 HP (15 kW)	105	1.05	12037	1360	BF60-../DPE16XB4	16.96	1641	7300	4631	20600	476	216
20 HP (15 kW)	103	3.1	12303	1390	BF70-../DPE16XB4	17.39	1394	6200	5620	25000	659	299
20 HP (15 kW)	95	1.0	13276	1500	BF60-../DPE16XB4	18.81	1709	7600	4833	21500	476	216
20 HP (15 kW)	85	2.7	14869	1680	BF70-../DPE16XB4	21.04	1439	6400	5912	26300	659	299

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

BF-series shaft-mounted geared motors

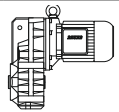
Selection - shaft-mounted geared motors

20 HP (15 kW)



P _N			Output Torque				Permissible Overhung Load					Weight	
							Standard Bearings		Reinforced Bearings				
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg	
20 HP (15 kW)	79	0.91	16020	1810	BF60-../DPE16XB4	22.58	1798	8000	5081	22600	476	216	
20 HP (15 kW)	73	2.6	17347	1960	BF70-../DPE16XB4	24.55	1574	7000	6227	27700	659	299	
20 HP (15 kW)	72	0.88	17524	1980	BF60-../DPE16XB4	25.05	1843	8200	5216	23200	476	216	
20 HP (15 kW)	66	2.4	19029	2150	BF70-../DPE16XB4	27.29	1574	7000	6385	28400	659	299	
20 HP (15 kW)	59	3.0	21242	2400	BF80-../DPE16XB4	30.21	2765	12300	10768	47900	871	395	
20 HP (15 kW)	56	2.0	22569	2550	BF70-../DPE16XB4	31.84	1731	7700	6744	30000	659	299	
20 HP (15 kW)	53	2.9	23897	2700	BF80-../DPE16XB4	33.61	2630	11700	10881	48400	871	395	
20 HP (15 kW)	48.5	1.75	26110	2950	BF70-../DPE16XB4	36.88	1776	7900	6992	31100	659	299	
20 HP (15 kW)	47	2.7	26552	3000	BF80-../DPE16XB4	38.14	2743	12200	11308	50300	871	395	
20 HP (15 kW)	41.5	1.5	30535	3450	BF70-../DPE16XB4	43.02	1956	8700	7374	32800	659	299	
20 HP (15 kW)	38	2.3	33190	3750	BF80-../DPE16XB4	47.46	3012	13400	12072	53700	871	395	
20 HP (15 kW)	37.5	1.35	33633	3800	BF70-../DPE16XB4	47.82	2046	9100	7644	34000	659	299	
20 HP (15 kW)	33.5	2.1	37616	4250	BF80-../DPE16XB4	53.86	3147	14000	12544	55800	871	395	
20 HP (15 kW)	32	1.15	39386	4450	BF70-../DPE16XB4	55.79	2293	10200	8093	36000	659	299	
20 HP (15 kW)	29	1.05	43369	4900	BF70-../DPE16XB4	61.94	2428	10800	8408	37400	659	299	
20 HP (15 kW)	29	1.9	43369	4900	BF80-../DPE16XB4	61.55	3327	14800	13061	58100	871	395	
20 HP (15 kW)	28.5	3.1	44254	5000	BF90-../DPE16XB4	63.49	3552	15800	16186	72000	1415	642	
20 HP (15 kW)	25.5	1.7	49564	5600	BF80-../DPE16XB4	69.86	3574	15900	13623	60600	871	395	
20 HP (15 kW)	25.5	2.8	49564	5600	BF90-../DPE16XB4	70.69	3777	16800	16793	74700	1415	642	
20 HP (15 kW)	25	0.91	50449	5700	BF70-../DPE16XB4	72.26	2698	12000	8902	39600	659	299	
20 HP (15 kW)	22.5	2.6	55760	6300	BF90-../DPE16XB4	80.85	3934	17500	17423	77500	1415	642	
20 HP (15 kW)	22	0.8	57530	6500	BF70-../DPE16XB4	81.82	2878	12800	9285	41300	659	299	
20 HP (15 kW)	21.5	1.45	58415	6600	BF80-../DPE16XB4	83.16	4136	18400	14635	65100	871	395	
20 HP (15 kW)	20	2.4	62840	7100	BF90-../DPE16XB4	90.02	4249	18900	18120	80600	1415	642	
20 HP (15 kW)	19	1.25	66381	7500	BF80-../DPE16XB4	94.38	4564	20300	15399	68500	871	395	
20 HP (15 kW)	17	2.0	74346	8400	BF90-../DPE16XB4	107.5	5013	22300	19536	86900	1415	642	
20 HP (15 kW)	16.5	1.1	76116	8600	BF80-../DPE16XB4	107.9	5036	22400	16254	72300	871	395	
20 HP (15 kW)	15	1.0	84082	9500	BF80-../DPE16XB4	122.4	5508	24500	16861	75000	871	395	
20 HP (15 kW)	15	1.75	84082	9500	BF90-../DPE16XB4	119.7	5508	24500	20413	90800	1415	642	
20 HP (15 kW)	13	0.86	97358	11000	BF80-../DPE16XB4	139.7	6002	26700	16861	75000	871	395	
20 HP (15 kW)	13	1.55	97358	11000	BF90-../DPE16XB4	139.1	6227	27700	21649	96300	1415	642	
20 HP (15 kW)	11.5	1.35	109749	12400	BF90-../DPE16XB4	154.8	6767	30100	22661	100800	1415	642	
20 HP (15 kW)	10	1.15	126566	14300	BF90-../DPE16XB4	178.6	7509	33400	23987	106700	1415	642	
20 HP (15 kW)	9.0	1.05	140727	15900	BF90-../DPE16XB4	198.8	8093	36000	25021	111300	1415	642	
20 HP (15 kW)	7.7	0.9	164624	18600	BF90-../DPE16XB4	232.6	8970	39900	26595	118300	1415	642	
20 HP (15 kW)	6.9	0.81	183210	20700	BF90-../DPE16XB4	259.0	9622	42800	26977	120000	1415	642	
20 HP (15 kW)	6.6	0.85	192061	21700	BF90Z-../DPE16XB4	269.8	9622	42800	26977	120000	1552	704	

25 HP (18.5 kW)



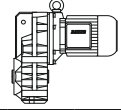
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
25 HP (18.5 kW)	345	1.5	4514	510	BF60-../DPE18LB4	5.22	1169	5200	3327	14800	580	263
25 HP (18.5 kW)	230	1.15	6727	760	BF60-../DPE18LB4	7.74	1349	6000	3799	16900	580	263
25 HP (18.5 kW)	173	0.99	9028	1020	BF60-../DPE18LB4	10.31	1461	6500	4136	18400	580	263
25 HP (18.5 kW)	173	2.5	9028	1020	BF70-../DPE18LB4	10.32	1034	4600	4204	18700	750	340
25 HP (18.5 kW)	156	3.2	10001	1130	BF80-../DPE18LB4	11.42	2001	8900	7239	32200	961	436
25 HP (18.5 kW)	148	2.5	10532	1190	BF70-../DPE18LB4	12.04	1102	4900	4429	19700	750	340
25 HP (18.5 kW)	125	0.84	12480	1410	BF60-../DPE18LB4	14.24	1596	7100	4496	20000	580	263
25 HP (18.5 kW)	120	2.5	13011	1470	BF70-../DPE18LB4	14.90	1326	5900	5395	24000	750	340
25 HP (18.5 kW)	108	3.3	14427	1630	BF80-../DPE18LB4	16.49	2563	11400	9307	41400	961	436
25 HP (18.5 kW)	105	0.86	14869	1680	BF60-../DPE18LB4	16.96	1641	7300	4631	20600	580	263

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

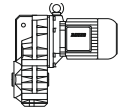
25 HP (18.5 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
25 HP (18.5 kW)	103	2.5	15135	1710	BF70-../DPE18LB4	17.39	1394	6200	5620	25000	750	340
25 HP (18.5 kW)	95	0.82	16374	1850	BF60-../DPE18LB4	18.81	1709	7600	4833	21500	580	263
25 HP (18.5 kW)	85	2.2	18144	2050	BF70-../DPE18LB4	21.04	1439	6400	5912	26300	750	340
25 HP (18.5 kW)	77	2.8	19914	2250	BF80-../DPE18LB4	23.29	2653	11800	10094	44900	961	436
25 HP (18.5 kW)	73	2.1	21242	2400	BF70-../DPE18LB4	24.55	1574	7000	6227	27700	750	340
25 HP (18.5 kW)	66	1.95	23454	2650	BF70-../DPE18LB4	27.29	1574	7000	6385	28400	750	340
25 HP (18.5 kW)	59	2.4	26110	2950	BF80-../DPE18LB4	30.21	2765	12300	10768	47900	961	436
25 HP (18.5 kW)	56	1.65	27880	3150	BF70-../DPE18LB4	31.84	1731	7700	6744	30000	750	340
25 HP (18.5 kW)	53	2.4	29207	3300	BF80-../DPE18LB4	33.61	2630	11700	10881	48400	961	436
25 HP (18.5 kW)	48.5	1.45	31863	3600	BF70-../DPE18LB4	36.88	1776	7900	6992	31100	750	340
25 HP (18.5 kW)	47	2.2	33190	3750	BF80-../DPE18LB4	38.14	2743	12200	11308	50300	961	436
25 HP (18.5 kW)	41.5	1.2	37616	4250	BF70-../DPE18LB4	43.02	1956	8700	7374	32800	750	340
25 HP (18.5 kW)	38.5	3.1	40271	4550	BF90-../DPE18LB4	46.43	3102	13800	14725	65500	1517	688
25 HP (18.5 kW)	38	1.85	40713	4600	BF80-../DPE18LB4	47.46	3012	13400	12072	53700	961	436
25 HP (18.5 kW)	37.5	1.1	41599	4700	BF70-../DPE18LB4	47.82	2046	9100	7644	34000	750	340
25 HP (18.5 kW)	34.5	2.8	45139	5100	BF90-../DPE18LB4	51.70	3282	14600	15242	67800	1517	688
25 HP (18.5 kW)	33.5	1.7	46024	5200	BF80-../DPE18LB4	53.86	3147	14000	12544	55800	961	436
25 HP (18.5 kW)	32	0.95	48679	5500	BF70-../DPE18LB4	55.79	2293	10200	8093	36000	750	340
25 HP (18.5 kW)	29	0.87	53104	6000	BF70-../DPE18LB4	61.94	2428	10800	8408	37400	750	340
25 HP (18.5 kW)	29	1.55	53104	6000	BF80-../DPE18LB4	61.55	3327	14800	13061	58100	961	436
25 HP (18.5 kW)	28.5	2.5	53990	6100	BF90-../DPE18LB4	63.49	3552	15800	16186	72000	1517	688
25 HP (18.5 kW)	25.5	1.4	61070	6900	BF80-../DPE18LB4	69.86	3574	15900	13623	60600	961	436
25 HP (18.5 kW)	25.5	2.3	61070	6900	BF90-../DPE18LB4	70.69	3777	16800	16793	74700	1517	688
25 HP (18.5 kW)	22.5	2.1	69036	7800	BF90-../DPE18LB4	80.85	3934	17500	17423	77500	1517	688
25 HP (18.5 kW)	21.5	1.15	72576	8200	BF80-../DPE18LB4	83.16	4136	18400	14635	65100	961	436
25 HP (18.5 kW)	20	1.9	77887	8800	BF90-../DPE18LB4	90.02	4249	18900	18120	80600	1517	688
25 HP (18.5 kW)	19	1.05	81427	9200	BF80-../DPE18LB4	94.38	4564	20300	15399	68500	961	436
25 HP (18.5 kW)	17	1.65	91163	10300	BF90-../DPE18LB4	107.5	5013	22300	19536	86900	1517	688
25 HP (18.5 kW)	16.5	0.89	94703	10700	BF80-../DPE18LB4	107.9	5036	22400	16254	72300	961	436
25 HP (18.5 kW)	15	0.81	103554	11700	BF80-../DPE18LB4	122.4	5508	24500	16861	75000	961	436
25 HP (18.5 kW)	15	1.45	103554	11700	BF90-../DPE18LB4	119.7	5508	24500	20413	90800	1517	688
25 HP (18.5 kW)	13	1.25	119485	13500	BF90-../DPE18LB4	139.1	6227	27700	21649	96300	1517	688
25 HP (18.5 kW)	11.5	1.1	135416	15300	BF90-../DPE18LB4	154.8	6767	30100	22661	100800	1517	688
25 HP (18.5 kW)	10	0.95	155773	17600	BF90-../DPE18LB4	178.6	7509	33400	23987	106700	1517	688
25 HP (18.5 kW)	9.0	0.86	173475	19600	BF90-../DPE18LB4	198.8	8093	36000	25021	111300	1517	688

7

30 HP (22 kW)



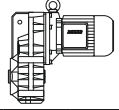
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
30 HP (22 kW)	173	2.1	10709	1210	BF70-../DPE18XB4	10.32	1034	4600	4204	18700	789	358
30 HP (22 kW)	156	2.7	11860	1340	BF80-../DPE18XB4	11.42	2001	8900	7239	32200	1001	454
30 HP (22 kW)	148	2.1	12480	1410	BF70-../DPE18XB4	12.04	1102	4900	4429	19700	789	358
30 HP (22 kW)	120	2.1	15489	1750	BF70-../DPE18XB4	14.90	1326	5900	5395	24000	789	358
30 HP (22 kW)	108	2.7	17170	1940	BF80-../DPE18XB4	16.49	2563	11400	9307	41400	1001	454
30 HP (22 kW)	103	2.1	17701	2000	BF70-../DPE18XB4	17.39	1394	6200	5620	25000	789	358
30 HP (22 kW)	85	1.9	21684	2450	BF70-../DPE18XB4	21.04	1439	6400	5912	26300	789	358
30 HP (22 kW)	77	2.3	23897	2700	BF80-../DPE18XB4	23.29	2653	11800	10094	44900	1001	454
30 HP (22 kW)	73	1.75	25225	2850	BF70-../DPE18XB4	24.55	1574	7000	6227	27700	789	358
30 HP (22 kW)	66	1.65	27880	3150	BF70-../DPE18XB4	27.29	1574	7000	6385	28400	789	358
30 HP (22 kW)	59	2.0	31420	3550	BF80-../DPE18XB4	30.21	2765	12300	10768	47900	1001	454
30 HP (22 kW)	56	1.4	33190	3750	BF70-../DPE18XB4	31.84	1731	7700	6744	30000	789	358

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

BF-series shaft-mounted geared motors

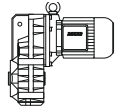
Selection - shaft-mounted geared motors

30 HP (22 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
30 HP (22 kW)	53	1.95	34960	3950	BF80-../DPE18XB4	33.61	2630	11700	10881	48400	1001	454
30 HP (22 kW)	53	3.3	34960	3950	BF90-../DPE18XB4	33.71	2675	11900	13331	59300	1556	706
30 HP (22 kW)	48.5	1.2	38058	4300	BF70-../DPE18XB4	36.88	1776	7900	6992	31100	789	358
30 HP (22 kW)	47.5	3.0	38943	4400	BF90-../DPE18XB4	37.54	2855	12700	13826	61500	1556	706
30 HP (22 kW)	47	1.8	39386	4450	BF80-../DPE18XB4	38.14	2743	12200	11308	50300	1001	454
30 HP (22 kW)	41.5	1.05	44254	5000	BF70-../DPE18XB4	43.02	1956	8700	7374	32800	789	358
30 HP (22 kW)	38.5	2.6	47794	5400	BF90-../DPE18XB4	46.43	3102	13800	14725	65500	1556	706
30 HP (22 kW)	38	1.55	48679	5500	BF80-../DPE18XB4	47.46	3012	13400	12072	53700	1001	454
30 HP (22 kW)	37.5	0.93	49564	5600	BF70-../DPE18XB4	47.82	2046	9100	7644	34000	789	358
30 HP (22 kW)	34.5	2.4	53104	6000	BF90-../DPE18XB4	51.70	3282	14600	15242	67800	1556	706
30 HP (22 kW)	33.5	1.45	54875	6200	BF80-../DPE18XB4	53.86	3147	14000	12544	55800	1001	454
30 HP (22 kW)	32	0.8	57530	6500	BF70-../DPE18XB4	55.79	2293	10200	8093	36000	789	358
30 HP (22 kW)	29	1.3	63725	7200	BF80-../DPE18XB4	61.55	3327	14800	13061	58100	1001	454
30 HP (22 kW)	28.5	2.1	64610	7300	BF90-../DPE18XB4	63.49	3552	15800	16186	72000	1556	706
30 HP (22 kW)	25.5	1.15	72576	8200	BF80-../DPE18XB4	69.86	3574	15900	13623	60600	1001	454
30 HP (22 kW)	25.5	1.95	72576	8200	BF90-../DPE18XB4	70.69	3777	16800	16793	74700	1556	706
30 HP (22 kW)	22.5	1.8	82312	9300	BF90-../DPE18XB4	80.85	3934	17500	17423	77500	1556	706
30 HP (22 kW)	21.5	0.98	85852	9700	BF80-../DPE18XB4	83.16	4136	18400	14635	65100	1001	454
30 HP (22 kW)	20	1.6	92933	10500	BF90-../DPE18XB4	90.02	4249	18900	18120	80600	1556	706
30 HP (22 kW)	19	0.86	97358	11000	BF80-../DPE18XB4	94.38	4564	20300	15399	68500	1001	454
30 HP (22 kW)	17	1.35	108864	12300	BF90-../DPE18XB4	107.5	5013	22300	19536	86900	1556	706
30 HP (22 kW)	15	1.2	123910	14000	BF90-../DPE18XB4	119.7	5508	24500	20413	90800	1556	706
30 HP (22 kW)	13	1.05	142497	16100	BF90-../DPE18XB4	139.1	6227	27700	21649	96300	1556	706
30 HP (22 kW)	11.5	0.92	161084	18200	BF90-../DPE18XB4	154.8	6767	30100	22661	100800	1556	706
30 HP (22 kW)	10	0.8	185866	21000	BF90-../DPE18XB4	178.6	7509	33400	23987	106700	1556	706

40 HP (30 kW)



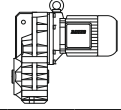
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
40 HP (30 kW)	173	1.5	14604	1650	BF70-../DPE20XA4	10.32	1034	4600	4204	18700	1131	513
40 HP (30 kW)	157	2.0	16108	1820	BF80-../DPE20XA4	11.42	2001	8900	7239	32200	1343	609
40 HP (30 kW)	149	1.55	16993	1920	BF70-../DPE20XA4	12.04	1102	4900	4429	19700	1131	513
40 HP (30 kW)	120	1.55	20799	2350	BF70-../DPE20XA4	14.90	1326	5900	5395	24000	1131	513
40 HP (30 kW)	109	2.0	23012	2600	BF80-../DPE20XA4	16.49	2563	11400	9307	41400	1343	609
40 HP (30 kW)	103	1.55	24340	2750	BF70-../DPE20XA4	17.39	1394	6200	5620	25000	1131	513
40 HP (30 kW)	85	1.35	29650	3350	BF70-../DPE20XA4	21.04	1439	6400	5912	26300	1131	513
40 HP (30 kW)	77	1.7	32748	3700	BF80-../DPE20XA4	23.29	2653	11800	10094	44900	1343	609
40 HP (30 kW)	75	3.0	33633	3800	BF90-../DPE20XA4	23.95	2495	11100	12207	54300	1894	859
40 HP (30 kW)	73	1.3	34518	3900	BF70-../DPE20XA4	24.55	1574	7000	6227	27700	1131	513
40 HP (30 kW)	66	1.2	38058	4300	BF70-../DPE20XA4	27.29	1574	7000	6385	28400	1131	513
40 HP (30 kW)	60	1.5	42041	4750	BF80-../DPE20XA4	30.21	2765	12300	10768	47900	1343	609
40 HP (30 kW)	57	1.05	44254	5000	BF70-../DPE20XA4	31.84	1731	7700	6744	30000	1131	513
40 HP (30 kW)	54	1.45	46909	5300	BF80-../DPE20XA4	33.61	2630	11700	10881	48400	1343	609
40 HP (30 kW)	53	2.4	47794	5400	BF90-../DPE20XA4	33.71	2675	11900	13331	59300	1894	859
40 HP (30 kW)	48.5	0.88	52219	5900	BF70-../DPE20XA4	36.88	1776	7900	6992	31100	1131	513
40 HP (30 kW)	48	2.2	52219	5900	BF90-../DPE20XA4	37.54	2855	12700	13826	61500	1894	859
40 HP (30 kW)	47	1.35	53104	6000	BF80-../DPE20XA4	38.14	2743	12200	11308	50300	1343	609
40 HP (30 kW)	38.5	1.9	65496	7400	BF90-../DPE20XA4	46.43	3102	13800	14725	65500	1894	859
40 HP (30 kW)	38	1.15	66381	7500	BF80-../DPE20XA4	47.46	3012	13400	12072	53700	1343	609
40 HP (30 kW)	35	1.8	71691	8100	BF90-../DPE20XA4	51.70	3282	14600	15242	67800	1894	859
40 HP (30 kW)	33.5	1.05	75231	8500	BF80-../DPE20XA4	53.86	3147	14000	12544	55800	1343	609

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

BF-series shaft-mounted geared motors

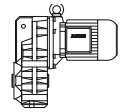
Selection - shaft-mounted geared motors

40 HP (30 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·ft-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
40 HP (30 kW)	29.5	0.96	85852	9700	BF80-../DPE20XA4	61.55	3327	14800	13061	58100	1343	609
40 HP (30 kW)	28.5	1.55	88507	10000	BF90-../DPE20XA4	63.49	3552	15800	16186	72000	1894	859
40 HP (30 kW)	26	0.86	97358	11000	BF80-../DPE20XA4	69.86	3574	15900	13623	60600	1343	609
40 HP (30 kW)	25.5	1.4	99128	11200	BF90-../DPE20XA4	70.69	3777	16800	16793	74700	1894	859
40 HP (30 kW)	22.5	1.3	112404	12700	BF90-../DPE20XA4	80.85	3934	17500	17423	77500	1894	859
40 HP (30 kW)	20	1.15	126566	14300	BF90-../DPE20XA4	90.02	4249	18900	18120	80600	1894	859
40 HP (30 kW)	17	1.0	148693	16800	BF90-../DPE20XA4	107.5	5013	22300	19536	86900	1894	859
40 HP (30 kW)	15	0.88	169049	19100	BF90-../DPE20XA4	119.7	5508	24500	20413	90800	1894	859

50 HP (37 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·ft-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
50 HP (37 kW)	173	1.25	17701	2000	BF70-../DPE22MA4	10.32	1034	4600	4204	18700	1254	569
50 HP (37 kW)	156	1.65	19914	2250	BF80-../DPE22MA4	11.42	2001	8900	7239	32200	1466	665
50 HP (37 kW)	148	1.25	20799	2350	BF70-../DPE22MA4	12.04	1102	4900	4429	19700	1254	569
50 HP (37 kW)	143	2.9	21684	2450	BF90-../DPE22MA4	12.45	1798	8000	8925	39700	2017	915
50 HP (37 kW)	120	1.25	25667	2900	BF70-../DPE22MA4	14.90	1326	5900	5395	24000	1254	569
50 HP (37 kW)	108	1.65	28765	3250	BF80-../DPE22MA4	16.49	2563	11400	9307	41400	1466	665
50 HP (37 kW)	103	1.25	30093	3400	BF70-../DPE22MA4	17.39	1394	6200	5620	25000	1254	569
50 HP (37 kW)	103	3.0	30093	3400	BF90-../DPE22MA4	17.39	2248	10000	11128	49500	2017	915
50 HP (37 kW)	85	1.1	36731	4150	BF70-../DPE22MA4	21.04	1439	6400	5912	26300	1254	569
50 HP (37 kW)	77	1.4	40271	4550	BF80-../DPE22MA4	23.29	2653	11800	10094	44900	1466	665
50 HP (37 kW)	75	2.4	41599	4700	BF90-../DPE22MA4	23.95	2495	11100	12207	54300	2017	915
50 HP (37 kW)	73	1.05	42484	4800	BF70-../DPE22MA4	24.55	1574	7000	6227	27700	1254	569
50 HP (37 kW)	59	1.2	52219	5900	BF80-../DPE22MA4	30.21	2765	12300	10768	47900	1466	665
50 HP (37 kW)	53	1.2	58415	6600	BF80-../DPE22MA4	33.61	2630	11700	10881	48400	1466	665
50 HP (37 kW)	53	1.95	58415	6600	BF90-../DPE22MA4	33.71	2675	11900	13331	59300	2017	915
50 HP (37 kW)	47.5	1.8	65496	7400	BF90-../DPE22MA4	37.54	2855	12700	13826	61500	2017	915
50 HP (37 kW)	47	1.1	66381	7500	BF80-../DPE22MA4	38.14	2743	12200	11308	50300	1466	665
50 HP (37 kW)	38.5	1.55	80542	9100	BF90-../DPE22MA4	46.43	3102	13800	14725	65500	2017	915
50 HP (37 kW)	34.5	1.4	90278	10200	BF90-../DPE22MA4	51.70	3282	14600	15242	67800	2017	915
50 HP (37 kW)	28.5	1.25	108864	12300	BF90-../DPE22MA4	63.49	3552	15800	16186	72000	2017	915
50 HP (37 kW)	25.5	1.15	122140	13800	BF90-../DPE22MA4	70.69	3777	16800	16793	74700	2017	915
50 HP (37 kW)	22.5	1.05	138957	15700	BF90-../DPE22MA4	80.85	3934	17500	17423	77500	2017	915

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

Energy Efficient Geared Motors

AC Line Operated / North America
