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BG-series helical-geared motors - Selection

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Energy Efficient Geared Motors

AC Line Operated / North America

6

Sizes

Bauer BG-series helical-geared motors are available in 13 standard sizes with torques from 20 Nm to 18,500 Nm. Higher torques are available on request. The geared unit is accommodated in a sturdy cast housing.

Bauer service factors (f_B) for helical-geared motors

Of the numerous factors influencing the total loading of a geared 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 the tables and explanations below aim 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 (available on request).

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 $f_B = f_2 = 1.5$

BG-series helical-geared motors

Description of helical-geared 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)

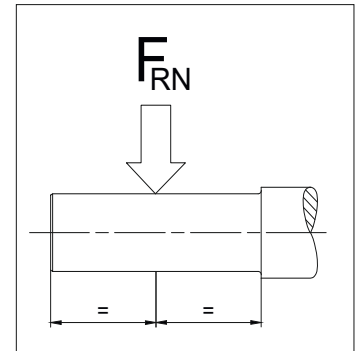
Key to abbreviations

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, helical-geared motors

Key to abbreviations

P	Rated output Power
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 a standard solid shaft (Code -.1 and -.7)
F_{RV}	Maximum permissible radial force with reinforced bearings in each case with standard solid shaft (Code -.1 and -.7)

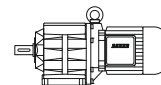


Use the selection tables to determine the size of geared motor required. The codes clearly define the Type of gear (see chapter 10 "dimensional drawings, helical-geared motors"). The torques marked (*) are maximum permissible torques for service factor $f_B = 1.0$.

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

0.075 HP (0.055 kW)



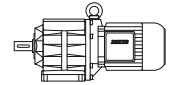
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.075 HP (0.055 kW)	650	5.0	7	0.8	BG04-../D04LA4	2.51	76	340	-	-	10	4.4
0.075 HP (0.055 kW)	445	4.2	10	1.18	BG04-../D04LA4	3.65	88	390	-	-	10	4.4
0.075 HP (0.055 kW)	370	5.0	12	1.41	BG04-../D04LA4	4.39	85	380	-	-	10	4.4
0.075 HP (0.055 kW)	305	5.2	15	1.72	BG04-../D04LA4	5.36	85	380	-	-	10	4.4
0.075 HP (0.055 kW)	265	5.6	18	1.98	BG04-../D04LA4	6.18	93	415	-	-	10	4.4
0.075 HP (0.055 kW)	245	4.8	19	2.1	BG04-../D04LA4	6.67	92	410	-	-	10	4.4
0.075 HP (0.055 kW)	240	5.1	19	2.15	BG04-../D04LA4	6.80	94	420	-	-	10	4.4
0.075 HP (0.055 kW)	189	4.0	24	2.75	BG04-../D04LA4	8.58	92	410	-	-	10	4.4
0.075 HP (0.055 kW)	180	4.1	26	2.9	BG04-../D04LA4	9.00	106	470	-	-	10	4.4
0.075 HP (0.055 kW)	164	4.1	28	3.2	BG04-../D04LA4	9.90	108	480	-	-	10	4.4
0.075 HP (0.055 kW)	150	4.0	31	3.5	BG04-../D04LA4	10.82	108	480	-	-	10	4.4
0.075 HP (0.055 kW)	137	3.9	34	3.8	BG04-../D04LA4	11.90	110	490	-	-	10	4.4
0.075 HP (0.055 kW)	130	3.8	35	4.0	BG04-../D04LA4	12.55	110	490	-	-	10	4.4
0.075 HP (0.055 kW)	123	3.8	38	4.25	BG04-../D04LA4	13.20	112	500	-	-	10	4.4
0.075 HP (0.055 kW)	112	3.7	41	4.65	BG04-../D04LA4	14.52	115	510	-	-	10	4.4
0.075 HP (0.055 kW)	99	3.4	47	5.3	BG04-../D04LA4	16.44	119	530	-	-	10	4.4
0.075 HP (0.055 kW)	90	3.1	51	5.8	BG04-../D04LA4	18.08	121	540	-	-	10	4.4
0.075 HP (0.055 kW)	77	2.8	60	6.8	BG04-../D04LA4	21.12	126	560	-	-	10	4.4
0.075 HP (0.055 kW)	70	2.7	66	7.5	BG04-../D04LA4	23.23	135	600	-	-	10	4.4
0.075 HP (0.055 kW)	67	2.6	69	7.8	BG04-../D04LA4	24.45	137	610	-	-	10	4.4
0.075 HP (0.055 kW)	61	2.3	76	8.6	BG04-../D04LA4	26.89	146	650	-	-	10	4.4
0.075 HP (0.055 kW)	54	3.1	86	9.7	BG05-../D04LA4	30.35	171	760	-	-	11	5.1
0.075 HP (0.055 kW)	53	2.0	88	9.9	BG04-../D04LA4	30.91	155	690	-	-	10	4.4
0.075 HP (0.055 kW)	48	1.85	96	10.9	BG04-../D04LA4	34.00	162	720	-	-	10	4.4
0.075 HP (0.055 kW)	46.5	2.7	99	11.2	BG05-../D04LA4	35.00	182	810	-	-	11	5.1
0.075 HP (0.055 kW)	46	1.75	101	11.4	BG04-../D04LA4	35.35	164	730	-	-	10	4.4
0.075 HP (0.055 kW)	42.5	2.4	109	12.3	BG05-../D04LA4	38.18	191	850	-	-	11	5.1
0.075 HP (0.055 kW)	42	1.6	111	12.5	BG04-../D04LA4	38.89	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	41	2.3	113	12.8	BG05-../D04LA4	39.94	193	860	-	-	11	5.1
0.075 HP (0.055 kW)	38.5	1.45	120	13.6	BG04-../D04LA4	42.24	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	37.5	2.1	124	14	BG05-../D04LA4	43.57	202	900	-	-	11	5.1
0.075 HP (0.055 kW)	35.5	3.1	130	14.7	BG06-../D04LA4	46.19	200	890	-	-	13	6.1
0.075 HP (0.055 kW)	34.5	1.3	135	15.2	BG04-../D04LA4	47.52	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	34.5	1.95	135	15.2	BG05-../D04LA4	47.00	209	930	-	-	11	5.1
0.075 HP (0.055 kW)	32.5	2.8	142	16.1	BG06-../D04LA4	50.38	211	940	-	-	13	6.1
0.075 HP (0.055 kW)	32	1.85	145	16.4	BG05-../D04LA4	51.27	218	970	-	-	11	5.1
0.075 HP (0.055 kW)	31	1.2	150	16.9	BG04-../D04LA4	52.28	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	31	2.7	150	16.9	BG06-../D04LA4	52.56	214	950	-	-	13	6.1
0.075 HP (0.055 kW)	30.5	1.75	152	17.2	BG05-../D04LA4	53.44	220	980	-	-	11	5.1
0.075 HP (0.055 kW)	29.5	1.1	158	17.8	BG04-../D04LA4	54.97	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	28.5	2.4	163	18.4	BG06-../D04LA4	57.34	225	1000	-	-	13	6.1
0.075 HP (0.055 kW)	28	1.6	166	18.7	BG05-../D04LA4	58.30	225	1000	-	-	11	5.1
0.075 HP (0.055 kW)	27	1.05	172	19.4	BG04-../D04LA4	60.47	169	750	-	-	10	4.4
0.075 HP (0.055 kW)	26.5	2.3	175	19.8	BG06-../D04LA4	61.22	229	1020	-	-	13	6.1
0.075 HP (0.055 kW)	24.5	2.1	186	21	BG06-../D04LA4	66.79	241	1070	-	-	13	6.1
0.075 HP (0.055 kW)	21.5	1.8	195	22	BG06G04-../D04LA4	75.99	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	20	1.85	208	23.5	BG06G04-../D04LA4	82.89	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	17.5	1.65	239	27	BG06G04-../D04LA4	93.00	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	16	1.5	266	30	BG06G04-../D04LA4	101.5	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	13.5	1.3	310	35	BG06G04-../D04LA4	122.0	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	13.5	3.1	341	38.5	BG10Z-../D04LA4	121.7	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	12.5	2.9	372	42	BG10Z-../D04LA4	131.8	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	11.5	2.6	403	45.5	BG10Z-../D04LA4	146.0	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	11	1.05	376	42.5	BG06G04-../D04LA4	149.0	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	9.8	2.3	469	53	BG10Z-../D04LA4	166.0	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	8.9	2.0	522	59	BG10Z-../D04LA4	184.0	450	2000	629	2800	24	11
0.075 HP (0.055 kW)	8.8	0.83	478	54	BG06G04-../D04LA4	185.4	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	8.4	1.95	549	62	BG10Z-../D04LA4	194.6	450	2000	629	2800	24	11

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

BG-series helical-geared motors

Selection helical-geared motors

0.075 HP (0.055 kW)



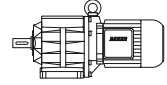
P _N			Output Torque				Permissible Overhung Load					Weight	
							Standard Bearings		Reinforced Bearings				
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg	
0.075 HP (0.055 kW)	8.2	3.1	566	64	BG20Z-../D04LA4	199.9	1124	5000	-	-	29	13	
0.075 HP (0.055 kW)	7.6	1.75	611	69	BG10Z-../D04LA4	215.7	450	2000	629	2800	24	11	
0.075 HP (0.055 kW)	7.3	2.8	628	71	BG20Z-../D04LA4	222.1	1124	5000	-	-	29	13	
0.075 HP (0.055 kW)	6.8	1.55	682	77	BG10Z-../D04LA4	240.4	450	2000	629	2800	24	11	
0.075 HP (0.055 kW)	6.5	1.0	398*	45*	BG06G04-../D04LA4	250.2	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	5.9	1.0	398*	45*	BG06G04-../D04LA4	275.2	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	5.9	1.35	788	89	BG10Z-../D04LA4	276.0	450	2000	629	2800	24	11	
0.075 HP (0.055 kW)	5.5	3.3	584	66	BG20G06-../D04LA4	297.9	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	5.3	1.2	876	99	BG10Z-../D04LA4	305.8	450	2000	629	2800	24	11	
0.075 HP (0.055 kW)	4.9	1.0	398*	45*	BG06G04-../D04LA4	330.8	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	4.9	1.75	664	75	BG10G06-../D04LA4	332.0	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	4.7	2.7	735	83	BG20G06-../D04LA4	352.1	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	4.5	1.0	398*	45*	BG06G04-../D04LA4	367.0	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	4.3	1.45	805	91	BG10G06-../D04LA4	379.6	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	4.2	2.4	823	93	BG20G06-../D04LA4	391.1	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	3.8	1.25	912	103	BG10G06-../D04LA4	435.9	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	3.6	1.0	398*	45*	BG06G04-../D04LA4	457.0	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	3.6	2.0	982	111	BG20G06-../D04LA4	460.0	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	3.5	2.8	1018	115	BG30G06-../D04LA4	472.8	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	3.3	1.0	398*	45*	BG06G04-../D04LA4	502.6	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	3.2	1.05	1115	126	BG10G06-../D04LA4	512.6	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	3.0	1.6	1221	138	BG20G06-../D04LA4	550.6	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	2.9	2.3	1266	143	BG30G06-../D04LA4	565.8	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	2.8	1.0	398*	45*	BG06G04-../D04LA4	587.1	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	2.7	0.85	1354	153	BG10G06-../D04LA4	613.6	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	2.6	1.0	398*	45*	BG06G04-../D04LA4	645.8	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	2.5	1.3	1496	169	BG20G06-../D04LA4	671.9	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	2.4	1.85	1567	177	BG30G06-../D04LA4	690.6	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	2.2	1.0	398*	45*	BG06G04-../D04LA4	747.5	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	2.2	1.0	1151*	130*	BG10G06-../D04LA4	748.9	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	2.2	1.65	1726	195	BG30G06-../D04LA4	760.7	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	2.1	1.05	1814	205	BG20G06-../D04LA4	807.1	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	2.0	1.5	1903	215	BG30G06-../D04LA4	829.5	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	1.9	1.0	398*	45*	BG06G04-../D04LA4	859.3	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	1.9	1.0	1151*	130*	BG10G06-../D04LA4	899.5	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	1.8	1.0	398*	45*	BG06G04-../D04LA4	945.2	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	1.7	0.85	2301	260	BG20G06-../D04LA4	969.9	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	1.7	1.25	2301	260	BG30G06-../D04LA4	996.8	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	1.5	1.0	398*	45*	BG06G04-../D04LA4	1081	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	1.5	1.0	1151*	130*	BG10G06-../D04LA4	1081	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	1.5	1.0	1947*	220*	BG20G06-../D04LA4	1142	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	1.5	1.1	2655	300	BG30G06-../D04LA4	1088	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	1.4	1.0	398*	45*	BG06G04-../D04LA4	1174	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	1.3	1.0	398*	45*	BG06G04-../D04LA4	1321	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	1.3	1.0	1151*	130*	BG10G06-../D04LA4	1272	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	1.3	0.93	3098	350	BG30G06-../D04LA4	1280	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	1.2	1.0	1947*	220*	BG20G06-../D04LA4	1366	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	1.2	0.86	3363	380	BG30G06-../D04LA4	1404	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	1.1	1.0	398*	45*	BG06G04-../D04LA4	1528	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	1.1	1.0	1151*	130*	BG10G06-../D04LA4	1523	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	1.0	1.0	398*	45*	BG06G04-../D04LA4	1681	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	1.0	1.0	1947*	220*	BG20G06-../D04LA4	1672	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	0.95	1.0	2876*	325*	BG30G06-../D04LA4	1718	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	0.9	1.0	1151*	130*	BG10G06-../D04LA4	1863	450	2000	629	2800	31	14	
0.075 HP (0.055 kW)	0.9	1.0	1947*	220*	BG20G06-../D04LA4	1824	1124	5000	472	2100	37	17	
0.075 HP (0.055 kW)	0.9	1.0	2876*	325*	BG30G06-../D04LA4	1875	1349	6000	-	-	46	21	
0.075 HP (0.055 kW)	0.85	1.0	398*	45*	BG06G04-../D04LA4	1948	241	1070	-	-	19	8.4	
0.075 HP (0.055 kW)	0.8	1.0	398*	45*	BG06G04-../D04LA4	2126	241	1070	-	-	19	8.4	

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

BG-series helical-geared motors

Selection helical-geared motors

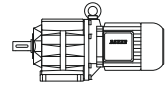
0.075 HP (0.055 kW)



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)	0.8	1.0	1947*	220*	BG20G06-../D04LA4	2114	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.75	1.0	2876*	325*	BG30G06-../D04LA4	2173	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.7	1.0	398*	45*	BG06G04-../D04LA4	2435	241	1070	-	-	19	8.4
0.075 HP (0.055 kW)	0.7	1.0	1151*	130*	BG10G06-../D04LA4	2356	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.7	1.0	1947*	220*	BG20G06-../D04LA4	2422	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.65	1.0	1151*	130*	BG10G06-../D04LA4	2699	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.65	1.0	1947*	220*	BG20G06-../D04LA4	2642	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.6	1.0	1151*	130*	BG10G06-../D04LA4	2944	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.6	1.0	2876*	325*	BG30G06-../D04LA4	2715	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.55	1.0	1947*	220*	BG20G06-../D04LA4	3031	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.55	1.0	2876*	325*	BG30G06-../D04LA4	3115	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.5	1.0	1947*	220*	BG20G06-../D04LA4	3306	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.48	1.0	1151*	130*	BG10G06-../D04LA4	3378	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.48	1.0	2876*	325*	BG30G06-../D04LA4	3398	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.44	1.0	1151*	130*	BG10G06-../D04LA4	3684	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.42	1.0	2876*	325*	BG30G06-../D04LA4	3867	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.41	1.0	1947*	220*	BG20G06-../D04LA4	4017	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.37	1.0	1151*	130*	BG10G06-../D04LA4	4477	450	2000	629	2800	31	14
0.075 HP (0.055 kW)	0.37	1.0	1947*	220*	BG20G06-../D04LA4	4383	1124	5000	472	2100	37	17
0.075 HP (0.055 kW)	0.36	1.0	2876*	325*	BG30G06-../D04LA4	4504	1349	6000	-	-	46	21
0.075 HP (0.055 kW)	0.34	1.0	1151*	130*	BG10G06-../D04LA4	4884	450	2000	629	2800	31	14

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0.1 HP (0.075 kW)



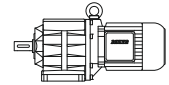
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	650	3.6	10	1.1	BG04-../D04LA4	2.51	76	340	-	-	10	4.4
0.1 HP (0.075 kW)	445	3.1	14	1.6	BG04-../D04LA4	3.65	88	390	-	-	10	4.4
0.1 HP (0.075 kW)	370	3.6	17	1.93	BG04-../D04LA4	4.39	85	380	-	-	10	4.4
0.1 HP (0.075 kW)	305	3.9	20	2.3	BG04-../D04LA4	5.36	85	380	-	-	10	4.4
0.1 HP (0.075 kW)	265	4.1	24	2.7	BG04-../D04LA4	6.18	93	415	-	-	10	4.4
0.1 HP (0.075 kW)	245	3.4	26	2.9	BG04-../D04LA4	6.67	92	410	-	-	10	4.4
0.1 HP (0.075 kW)	240	3.7	26	2.95	BG04-../D04LA4	6.80	94	420	-	-	10	4.4
0.1 HP (0.075 kW)	189	2.9	33	3.75	BG04-../D04LA4	8.58	92	410	-	-	10	4.4
0.1 HP (0.075 kW)	180	3.0	35	3.95	BG04-../D04LA4	9.00	106	470	-	-	10	4.4
0.1 HP (0.075 kW)	164	3.0	39	4.35	BG04-../D04LA4	9.90	108	480	-	-	10	4.4
0.1 HP (0.075 kW)	150	2.9	42	4.75	BG04-../D04LA4	10.82	108	480	-	-	10	4.4
0.1 HP (0.075 kW)	137	2.9	46	5.2	BG04-../D04LA4	11.90	110	490	-	-	10	4.4
0.1 HP (0.075 kW)	130	2.7	49	5.5	BG04-../D04LA4	12.55	110	490	-	-	10	4.4
0.1 HP (0.075 kW)	123	2.8	51	5.8	BG04-../D04LA4	13.20	112	500	-	-	10	4.4
0.1 HP (0.075 kW)	112	2.7	56	6.3	BG04-../D04LA4	14.52	115	510	-	-	10	4.4
0.1 HP (0.075 kW)	99	2.5	64	7.2	BG04-../D04LA4	16.44	119	530	-	-	10	4.4
0.1 HP (0.075 kW)	90	2.3	70	7.9	BG04-../D04LA4	18.08	121	540	-	-	10	4.4
0.1 HP (0.075 kW)	87	3.2	73	8.2	BG05-../D04LA4	18.82	153	680	-	-	11	5.1
0.1 HP (0.075 kW)	79	3.0	80	9.0	BG05-../D04LA4	20.53	157	700	-	-	11	5.1
0.1 HP (0.075 kW)	77	2.0	82	9.3	BG04-../D04LA4	21.12	126	560	-	-	10	4.4
0.1 HP (0.075 kW)	70	1.95	90	10.2	BG04-../D04LA4	23.23	135	600	-	-	10	4.4
0.1 HP (0.075 kW)	68	2.7	93	10.5	BG05-../D04LA4	24.00	166	740	-	-	11	5.1
0.1 HP (0.075 kW)	67	1.9	94	10.6	BG04-../D04LA4	24.45	137	610	-	-	10	4.4
0.1 HP (0.075 kW)	62	2.5	102	11.5	BG05-../D04LA4	26.18	171	760	-	-	11	5.1
0.1 HP (0.075 kW)	61	1.7	104	11.7	BG04-../D04LA4	26.89	146	650	-	-	10	4.4

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

BG-series helical-geared motors

Selection helical-geared motors

0.1 HP (0.075 kW)



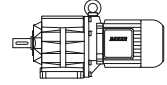
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.1 HP (0.075 kW)	59	2.5	107	12.1	BG05-../D04LA4	27.82	173	770	-	-	11	5.1
0.1 HP (0.075 kW)	54	2.3	117	13.2	BG05-../D04LA4	30.35	171	760	-	-	11	5.1
0.1 HP (0.075 kW)	53	1.5	119	13.5	BG04-../D04LA4	30.91	155	690	-	-	10	4.4
0.1 HP (0.075 kW)	51	3.2	124	14	BG06-../D04LA4	32.22	200	890	-	-	13	6.1
0.1 HP (0.075 kW)	48	1.35	132	14.9	BG04-../D04LA4	34.00	162	720	-	-	10	4.4
0.1 HP (0.075 kW)	46.5	1.95	136	15.4	BG05-../D04LA4	35.00	182	810	-	-	11	5.1
0.1 HP (0.075 kW)	46.5	2.9	136	15.4	BG06-../D04LA4	35.15	198	880	-	-	13	6.1
0.1 HP (0.075 kW)	46	1.3	137	15.5	BG04-../D04LA4	35.35	164	730	-	-	10	4.4
0.1 HP (0.075 kW)	44	2.8	143	16.2	BG06-../D04LA4	36.91	200	890	-	-	13	6.1
0.1 HP (0.075 kW)	42.5	1.8	149	16.8	BG05-../D04LA4	38.18	191	850	-	-	11	5.1
0.1 HP (0.075 kW)	42	1.2	150	17	BG04-../D04LA4	38.89	169	750	-	-	10	4.4
0.1 HP (0.075 kW)	41	1.7	154	17.4	BG05-../D04LA4	39.94	193	860	-	-	11	5.1
0.1 HP (0.075 kW)	40.5	2.6	156	17.6	BG06-../D04LA4	40.26	200	890	-	-	13	6.1
0.1 HP (0.075 kW)	38.5	1.1	165	18.6	BG04-../D04LA4	42.24	169	750	-	-	10	4.4
0.1 HP (0.075 kW)	37.5	1.55	169	19.1	BG05-../D04LA4	43.57	202	900	-	-	11	5.1
0.1 HP (0.075 kW)	35.5	2.3	177	20	BG06-../D04LA4	46.19	200	890	-	-	13	6.1
0.1 HP (0.075 kW)	34.5	0.98	181	20.5	BG04-../D04LA4	47.52	169	750	-	-	10	4.4
0.1 HP (0.075 kW)	34.5	1.45	181	20.5	BG05-../D04LA4	47.00	209	930	-	-	11	5.1
0.1 HP (0.075 kW)	32.5	2.0	195	22	BG06-../D04LA4	50.38	211	940	-	-	13	6.1
0.1 HP (0.075 kW)	32	1.35	195	22	BG05-../D04LA4	51.27	218	970	-	-	11	5.1
0.1 HP (0.075 kW)	31	0.87	204	23	BG04-../D04LA4	52.28	169	750	-	-	10	4.4
0.1 HP (0.075 kW)	31	1.95	204	23	BG06-../D04LA4	52.56	214	950	-	-	13	6.1
0.1 HP (0.075 kW)	30.5	1.3	204	23	BG05-../D04LA4	53.44	220	980	-	-	11	5.1
0.1 HP (0.075 kW)	29.5	0.83	212	24	BG04-../D04LA4	54.97	169	750	-	-	10	4.4
0.1 HP (0.075 kW)	28.5	1.8	221	25	BG06-../D04LA4	57.34	225	1000	-	-	13	6.1
0.1 HP (0.075 kW)	28	1.2	226	25.5	BG05-../D04LA4	58.30	225	1000	-	-	11	5.1
0.1 HP (0.075 kW)	26.5	1.65	239	27	BG06-../D04LA4	61.22	229	1020	-	-	13	6.1
0.1 HP (0.075 kW)	24.5	1.55	257	29	BG06-../D04LA4	66.79	241	1070	-	-	13	6.1
0.1 HP (0.075 kW)	21.5	1.3	274	31	BG06G04-../D04LA4	75.99	241	1070	-	-	19	8.4
0.1 HP (0.075 kW)	20	1.3	296	33.5	BG06G04-../D04LA4	82.89	241	1070	-	-	19	8.4
0.1 HP (0.075 kW)	19	3.2	332	37.5	BG10Z-../D06LA4	85.76	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	18	3.0	350	39.5	BG10Z-../D06LA4	92.19	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	17.5	1.2	336	38	BG06G04-../D04LA4	93.00	241	1070	-	-	19	8.4
0.1 HP (0.075 kW)	16	1.1	367	41.5	BG06G04-../D04LA4	101.5	241	1070	-	-	19	8.4
0.1 HP (0.075 kW)	16	2.7	394	44.5	BG10Z-../D06LA4	102.1	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	15	2.5	420	47.5	BG10Z-../D06LA4	109.8	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	13.5	0.92	434	49	BG06G04-../D04LA4	122.0	241	1070	-	-	19	8.4
0.1 HP (0.075 kW)	13.5	2.3	469	53	BG10Z-../D06LA4	121.7	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	12.5	2.1	504	57	BG10Z-../D06LA4	131.8	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	11.5	1.95	549	62	BG10Z-../D06LA4	146.0	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	11.5	3.2	549	62	BG20Z-../D06LA4	141.3	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	10.5	2.9	602	68	BG20Z-../D06LA4	157.0	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	10	2.8	628	71	BG20Z-../D06LA4	162.2	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	9.8	1.65	646	73	BG10Z-../D06LA4	166.0	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	9.0	2.5	699	79	BG20Z-../D06LA4	180.1	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	8.9	1.5	708	80	BG10Z-../D06LA4	184.0	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	8.4	1.4	752	85	BG10Z-../D06LA4	194.6	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	8.2	2.3	770	87	BG20Z-../D06LA4	199.9	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	7.6	1.3	832	94	BG10Z-../D06LA4	215.7	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	7.3	2.0	867	98	BG20Z-../D06LA4	222.1	1124	5000	-	-	35	16
0.1 HP (0.075 kW)	7.2	3.0	876	99	BG30Z-../D06LA4	225.9	1349	6000	-	-	49	22
0.1 HP (0.075 kW)	6.8	1.15	929	105	BG10Z-../D06LA4	240.4	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	6.6	2.7	726	82	BG20G06-../D06LA4	248.0	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	6.5	2.7	974	110	BG30Z-../D06LA4	250.6	1349	6000	-	-	49	22
0.1 HP (0.075 kW)	6.2	2.6	1018	115	BG30Z-../D06LA4	261.9	1349	6000	-	-	49	22
0.1 HP (0.075 kW)	5.9	0.99	1071	121	BG10Z-../D06LA4	276.0	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	5.6	2.4	1124	127	BG30Z-../D06LA4	290.5	1349	6000	-	-	49	22
0.1 HP (0.075 kW)	5.5	2.2	894	101	BG20G06-../D06LA4	297.9	1124	5000	472	2100	44	20

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

BG-series helical-geared motors

Selection helical-geared motors

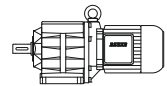
0.1 HP (0.075 kW)



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)	5.3	0.89	1195	135	BG10Z-../D06LA4	305.8	450	2000	629	2800	31	14
0.1 HP (0.075 kW)	5.3	3.1	929	105	BG30G06-../D06LA4	306.2	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	4.9	1.15	1000	113	BG10G06-../D06LA4	332.0	450	2000	629	2800	40	18
0.1 HP (0.075 kW)	4.7	1.75	1097	124	BG20G06-../D06LA4	352.1	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	4.7	2.6	1097	124	BG30G06-../D06LA4	346.8	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	4.3	0.96	1195	135	BG10G06-../D06LA4	379.6	450	2000	629	2800	40	18
0.1 HP (0.075 kW)	4.2	1.6	1230	139	BG20G06-../D06LA4	391.1	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	4.1	2.3	1257	142	BG30G06-../D06LA4	401.9	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	3.8	0.85	1354	153	BG10G06-../D06LA4	435.9	450	2000	629	2800	40	18
0.1 HP (0.075 kW)	3.6	1.35	1452	164	BG20G06-../D06LA4	460.0	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	3.5	1.9	1496	169	BG30G06-../D06LA4	472.8	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	3.0	1.1	1770	200	BG20G06-../D06LA4	550.6	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	2.9	1.6	1814	205	BG30G06-../D06LA4	565.8	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	2.6	2.9	1434	162	BG40G10-../D06LA4	640.0	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	2.5	0.9	2168	245	BG20G06-../D06LA4	671.9	1124	5000	472	2100	44	20
0.1 HP (0.075 kW)	2.4	1.25	2257	255	BG30G06-../D06LA4	690.6	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	2.3	2.5	1646	186	BG40G10-../D06LA4	710.9	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	2.2	1.15	2478	280	BG30G06-../D06LA4	760.7	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	2.1	2.3	1770	200	BG40G10-../D06LA4	789.1	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	2.0	1.05	2744	310	BG30G06-../D06LA4	829.5	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	1.7	0.87	3319	375	BG30G06-../D06LA4	996.8	1349	6000	-	-	55	25
0.1 HP (0.075 kW)	1.7	1.7	2390	270	BG40G10-../D06LA4	965.2	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	1.7	2.6	2390	270	BG50G10-../D06LA4	960.2	2248	10000	-	-	112	51
0.1 HP (0.075 kW)	1.4	1.35	3098	350	BG40G10-../D06LA4	1225	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	1.4	1.95	3098	350	BG50G10-../D06LA4	1219	2248	10000	-	-	112	51
0.1 HP (0.075 kW)	1.2	1.05	3850	435	BG40G10-../D06LA4	1459	1574	7000	-	-	95	43
0.1 HP (0.075 kW)	1.2	1.6	3850	435	BG50G10-../D06LA4	1452	2248	10000	-	-	112	51
0.1 HP (0.075 kW)	0.95	1.15	5222	590	BG50G10-../D06LA4	1729	2248	10000	-	-	112	51
0.1 HP (0.075 kW)	0.95	2.7	4248	480	BG60G20-../D06LA4	1741	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.9	2.5	4602	520	BG60G20-../D06LA4	1880	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.75	1.9	6019	680	BG60G20-../D06LA4	2249	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.6	1.4	8143	920	BG60G20-../D06LA4	2818	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.6	2.6	8408	950	BG70G20-../D06LA4	2774	4496	20000	-	-	287	130
0.1 HP (0.075 kW)	0.55	1.25	9116	1030	BG60G20-../D06LA4	3234	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.55	2.4	9382	1060	BG70G20-../D06LA4	3184	4496	20000	-	-	287	130
0.1 HP (0.075 kW)	0.46	1.0	11329	1280	BG60G20-../D06LA4	3592	3597	16000	-	-	220	100
0.1 HP (0.075 kW)	0.42	1.7	12922	1460	BG70G20-../D06LA4	3925	4496	20000	-	-	287	130

6

0.12 HP (0.09 kW)



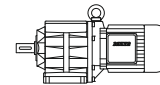
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	650	3.0	12	1.32	BG04-../D04LA4	2.51	76	340	-	-	10	4.4
0.12 HP (0.09 kW)	445	2.6	17	1.93	BG04-../D04LA4	3.65	88	390	-	-	10	4.4
0.12 HP (0.09 kW)	370	3.0	20	2.3	BG04-../D04LA4	4.39	85	380	-	-	10	4.4
0.12 HP (0.09 kW)	305	3.2	25	2.8	BG04-../D04LA4	5.36	85	380	-	-	10	4.4
0.12 HP (0.09 kW)	265	3.4	28	3.2	BG04-../D04LA4	6.18	93	415	-	-	10	4.4
0.12 HP (0.09 kW)	245	2.9	31	3.5	BG04-../D04LA4	6.67	92	410	-	-	10	4.4
0.12 HP (0.09 kW)	240	3.1	31	3.55	BG04-../D04LA4	6.80	94	420	-	-	10	4.4
0.12 HP (0.09 kW)	189	2.4	40	4.5	BG04-../D04LA4	8.58	92	410	-	-	10	4.4
0.12 HP (0.09 kW)	180	2.5	42	4.75	BG04-../D04LA4	9.00	106	470	-	-	10	4.4

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

BG-series helical-geared motors

Selection helical-geared motors

0.12 HP (0.09 kW)



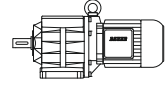
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	164	2.5	46	5.2	BG04-../D04LA4	9.90	108	480	-	-	10	4.4
0.12 HP (0.09 kW)	150	2.5	50	5.7	BG04-../D04LA4	10.82	108	480	-	-	10	4.4
0.12 HP (0.09 kW)	137	2.4	55	6.2	BG04-../D04LA4	11.90	110	490	-	-	10	4.4
0.12 HP (0.09 kW)	135	3.3	56	6.3	BG05-../D04LA4	12.05	115	510	-	-	11	5.1
0.12 HP (0.09 kW)	130	2.3	58	6.6	BG04-../D04LA4	12.55	110	490	-	-	10	4.4
0.12 HP (0.09 kW)	129	3.3	58	6.6	BG05-../D04LA4	12.60	137	610	-	-	11	5.1
0.12 HP (0.09 kW)	123	2.3	61	6.9	BG04-../D04LA4	13.20	112	500	-	-	10	4.4
0.12 HP (0.09 kW)	118	3.2	64	7.2	BG05-../D04LA4	13.75	142	630	-	-	11	5.1
0.12 HP (0.09 kW)	112	2.2	67	7.6	BG04-../D04LA4	14.52	115	510	-	-	10	4.4
0.12 HP (0.09 kW)	107	3.0	71	8.0	BG05-../D04LA4	15.23	144	640	-	-	11	5.1
0.12 HP (0.09 kW)	99	2.1	76	8.6	BG04-../D04LA4	16.44	119	530	-	-	10	4.4
0.12 HP (0.09 kW)	98	2.9	77	8.7	BG05-../D04LA4	16.62	148	660	-	-	11	5.1
0.12 HP (0.09 kW)	90	1.9	84	9.5	BG04-../D04LA4	18.08	121	540	-	-	10	4.4
0.12 HP (0.09 kW)	87	2.7	87	9.8	BG05-../D04LA4	18.82	153	680	-	-	11	5.1
0.12 HP (0.09 kW)	79	2.5	96	10.8	BG05-../D04LA4	20.53	157	700	-	-	11	5.1
0.12 HP (0.09 kW)	77	1.7	98	11.1	BG04-../D04LA4	21.12	126	560	-	-	10	4.4
0.12 HP (0.09 kW)	70	1.65	108	12.2	BG04-../D04LA4	23.23	135	600	-	-	10	4.4
0.12 HP (0.09 kW)	68	2.2	112	12.6	BG05-../D04LA4	24.00	166	740	-	-	11	5.1
0.12 HP (0.09 kW)	67	1.55	113	12.8	BG04-../D04LA4	24.45	137	610	-	-	10	4.4
0.12 HP (0.09 kW)	62	2.1	122	13.8	BG05-../D04LA4	26.18	171	760	-	-	11	5.1
0.12 HP (0.09 kW)	61	1.45	124	14	BG04-../D04LA4	26.89	146	650	-	-	10	4.4
0.12 HP (0.09 kW)	59	2.1	128	14.5	BG05-../D04LA4	27.82	173	770	-	-	11	5.1
0.12 HP (0.09 kW)	59	3.1	128	14.5	BG06-../D04LA4	27.80	189	840	-	-	13	6.1
0.12 HP (0.09 kW)	54	1.9	141	15.9	BG05-../D04LA4	30.35	171	760	-	-	11	5.1
0.12 HP (0.09 kW)	53	1.25	143	16.2	BG04-../D04LA4	30.91	155	690	-	-	10	4.4
0.12 HP (0.09 kW)	51	2.7	149	16.8	BG06-../D04LA4	32.22	200	890	-	-	13	6.1
0.12 HP (0.09 kW)	48	1.1	158	17.9	BG04-../D04LA4	34.00	162	720	-	-	10	4.4
0.12 HP (0.09 kW)	46.5	1.65	163	18.4	BG05-../D04LA4	35.00	182	810	-	-	11	5.1
0.12 HP (0.09 kW)	46.5	2.4	163	18.4	BG06-../D04LA4	35.15	198	880	-	-	13	6.1
0.12 HP (0.09 kW)	46	1.1	165	18.6	BG04-../D04LA4	35.35	164	730	-	-	10	4.4
0.12 HP (0.09 kW)	44	2.3	173	19.5	BG06-../D04LA4	36.91	200	890	-	-	13	6.1
0.12 HP (0.09 kW)	42.5	1.5	177	20	BG05-../D04LA4	38.18	191	850	-	-	11	5.1
0.12 HP (0.09 kW)	42	1.0	177	20	BG04-../D04LA4	38.89	169	750	-	-	10	4.4
0.12 HP (0.09 kW)	41	1.45	181	20.5	BG05-../D04LA4	39.94	193	860	-	-	11	5.1
0.12 HP (0.09 kW)	40.5	2.1	186	21	BG06-../D04LA4	40.26	200	890	-	-	13	6.1
0.12 HP (0.09 kW)	38.5	0.91	195	22	BG04-../D04LA4	42.24	169	750	-	-	10	4.4
0.12 HP (0.09 kW)	37.5	1.35	199	22.5	BG05-../D04LA4	43.57	202	900	-	-	11	5.1
0.12 HP (0.09 kW)	35.5	1.9	212	24	BG06-../D04LA4	46.19	200	890	-	-	13	6.1
0.12 HP (0.09 kW)	34.5	0.82	217	24.5	BG04-../D04LA4	47.52	169	750	-	-	10	4.4
0.12 HP (0.09 kW)	34.5	1.2	217	24.5	BG05-../D04LA4	47.00	209	930	-	-	11	5.1
0.12 HP (0.09 kW)	32.5	1.75	230	26	BG06-../D04LA4	50.38	211	940	-	-	13	6.1
0.12 HP (0.09 kW)	32	1.15	235	26.5	BG05-../D04LA4	51.27	218	970	-	-	11	5.1
0.12 HP (0.09 kW)	31	1.65	243	27.5	BG06-../D04LA4	52.56	214	950	-	-	13	6.1
0.12 HP (0.09 kW)	30.5	1.05	248	28	BG05-../D04LA4	53.44	220	980	-	-	11	5.1
0.12 HP (0.09 kW)	28.5	1.5	266	30	BG06-../D04LA4	57.34	225	1000	-	-	13	6.1
0.12 HP (0.09 kW)	28	0.98	270	30.5	BG05-../D04LA4	58.30	225	1000	-	-	11	5.1
0.12 HP (0.09 kW)	26.5	1.4	283	32	BG06-../D04LA4	61.22	229	1020	-	-	13	6.1
0.12 HP (0.09 kW)	24.5	1.3	310	35	BG06-../D04LA4	66.79	241	1070	-	-	13	6.1
0.12 HP (0.09 kW)	22.5	3.2	336	38	BG10-../D06LA4	73.13	450	2000	629	2800	29	13
0.12 HP (0.09 kW)	21.5	1.05	332	37.5	BG06G04-../D04LA4	75.99	241	1070	-	-	19	8.4
0.12 HP (0.09 kW)	21	3.0	358	40.5	BG10Z-../D06LA4	77.40	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	20	1.05	358	40.5	BG06G04-../D04LA4	82.89	241	1070	-	-	19	8.4
0.12 HP (0.09 kW)	19	2.7	398	45	BG10Z-../D06LA4	85.76	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	18	2.5	420	47.5	BG10Z-../D06LA4	92.19	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	17.5	0.97	412	46.5	BG06G04-../D04LA4	93.00	241	1070	-	-	19	8.4
0.12 HP (0.09 kW)	16	0.9	443	50	BG06G04-../D04LA4	101.5	241	1070	-	-	19	8.4
0.12 HP (0.09 kW)	16	2.3	469	53	BG10Z-../D06LA4	102.1	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	15	2.1	504	57	BG10Z-../D06LA4	109.8	450	2000	629	2800	31	14

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

BG-series helical-geared motors

Selection helical-geared motors

0.12 HP (0.09 kW)



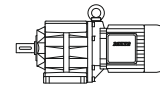
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.12 HP (0.09 kW)	13.5	1.9	558	63	BG10Z-../D06LA4	121.7	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	13	3.0	584	66	BG20Z-../D06LA4	125.3	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	12.5	1.75	602	68	BG10Z-../D06LA4	131.8	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	11.5	1.6	655	74	BG10Z-../D06LA4	146.0	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	11.5	2.7	655	74	BG20Z-../D06LA4	141.3	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	10.5	2.5	717	81	BG20Z-../D06LA4	157.0	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	10	2.4	752	85	BG20Z-../D06LA4	162.2	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	9.8	1.4	770	87	BG10Z-../D06LA4	166.0	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	9.0	2.1	841	95	BG20Z-../D06LA4	180.1	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	8.9	1.25	850	96	BG10Z-../D06LA4	184.0	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	8.9	3.1	850	96	BG30Z-../D06LA4	182.9	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	8.4	1.2	903	102	BG10Z-../D06LA4	194.6	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	8.2	1.9	920	104	BG20Z-../D06LA4	199.9	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	8.0	2.8	947	107	BG30Z-../D06LA4	202.9	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	7.6	1.05	1000	113	BG10Z-../D06LA4	215.7	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	7.3	1.7	1036	117	BG20Z-../D06LA4	222.1	1124	5000	-	-	35	16
0.12 HP (0.09 kW)	7.2	2.5	1053	119	BG30Z-../D06LA4	225.9	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	6.8	0.95	1115	126	BG10Z-../D06LA4	240.4	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	6.6	2.1	912	103	BG20G06-../D06LA4	248.0	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	6.6	3.3	1151	130	BG40Z-../D06LA4	246.5	1574	7000	-	-	84	38
0.12 HP (0.09 kW)	6.5	2.3	1168	132	BG30Z-../D06LA4	250.6	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	6.2	2.2	1221	138	BG30Z-../D06LA4	261.9	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	6.0	3.0	1266	143	BG40Z-../D06LA4	273.6	1574	7000	-	-	84	38
0.12 HP (0.09 kW)	5.9	0.83	1283	145	BG10Z-../D06LA4	276.0	450	2000	629	2800	31	14
0.12 HP (0.09 kW)	5.6	1.95	1354	153	BG30Z-../D06LA4	290.5	1349	6000	-	-	49	22
0.12 HP (0.09 kW)	5.5	1.75	1124	127	BG20G06-../D06LA4	297.9	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	5.3	2.5	1168	132	BG30G06-../D06LA4	306.2	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	4.9	0.91	1266	143	BG10G06-../D06LA4	332.0	450	2000	629	2800	40	18
0.12 HP (0.09 kW)	4.7	1.45	1363	154	BG20G06-../D06LA4	352.1	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	4.7	2.1	1363	154	BG30G06-../D06LA4	346.8	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	4.2	1.25	1531	173	BG20G06-../D06LA4	391.1	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	4.1	1.85	1567	177	BG30G06-../D06LA4	401.9	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	3.6	1.1	1770	200	BG20G06-../D06LA4	460.0	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	3.5	1.55	1859	210	BG30G06-../D06LA4	472.8	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	3.1	2.9	1416	160	BG40G10-../D06LA4	534.2	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	3.0	0.9	2168	245	BG20G06-../D06LA4	550.6	1124	5000	472	2100	44	20
0.12 HP (0.09 kW)	2.9	1.25	2257	255	BG30G06-../D06LA4	565.8	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	2.6	2.2	1903	215	BG40G10-../D06LA4	640.0	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	2.4	1.05	2788	315	BG30G06-../D06LA4	690.6	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	2.3	1.9	2168	245	BG40G10-../D06LA4	710.9	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	2.3	2.8	2168	245	BG50G10-../D06LA4	708.3	2248	10000	-	-	112	51
0.12 HP (0.09 kW)	2.2	0.94	3054	345	BG30G06-../D06LA4	760.7	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	2.1	1.7	2390	270	BG40G10-../D06LA4	789.1	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	2.1	2.6	2390	270	BG50G10-../D06LA4	785.1	2248	10000	-	-	112	51
0.12 HP (0.09 kW)	2.0	0.84	3408	385	BG30G06-../D06LA4	829.5	1349	6000	-	-	55	25
0.12 HP (0.09 kW)	1.7	1.35	3098	350	BG40G10-../D06LA4	965.2	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	1.7	1.95	3142	355	BG50G10-../D06LA4	960.2	2248	10000	-	-	112	51
0.12 HP (0.09 kW)	1.4	1.0	4027	455	BG40G10-../D06LA4	1225	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	1.4	1.5	4027	455	BG50G10-../D06LA4	1219	2248	10000	-	-	112	51
0.12 HP (0.09 kW)	1.3	3.3	3496	395	BG60G20-../D06LA4	1346	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	1.2	0.85	4868	550	BG40G10-../D06LA4	1459	1574	7000	-	-	95	43
0.12 HP (0.09 kW)	1.2	1.25	4868	550	BG50G10-../D06LA4	1452	2248	10000	-	-	112	51
0.12 HP (0.09 kW)	1.1	2.5	4514	510	BG60G20-../D06LA4	1496	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.95	2.1	5576	630	BG60G20-../D06LA4	1741	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.9	1.9	6019	680	BG60G20-../D06LA4	1880	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.85	3.2	6815	770	BG70G20-../D06LA4	1994	4496	20000	-	-	287	130
0.12 HP (0.09 kW)	0.75	1.5	7700	870	BG60G20-../D06LA4	2249	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.75	2.8	7966	900	BG70G20-../D06LA4	2215	4496	20000	-	-	287	130

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

BG-series helical-geared motors

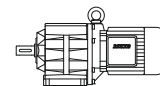
Selection helical-geared motors

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)	0.6	1.1	10267	1160	BG60G20-.../D06LA4	2818	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.6	2.1	10532	1190	BG70G20-.../D06LA4	2774	4496	20000	-	-	287	130
0.12 HP (0.09 kW)	0.55	1.0	11417	1290	BG60G20-.../D06LA4	3234	3597	16000	-	-	220	100
0.12 HP (0.09 kW)	0.55	1.9	11683	1320	BG70G20-.../D06LA4	3184	4496	20000	-	-	287	130
0.12 HP (0.09 kW)	0.42	1.4	15931	1800	BG70G20-.../D06LA4	3925	4496	20000	-	-	287	130

0.15 HP (0.11 kW)



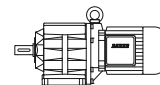
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lb·f-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb·f	N	lb·f	N		
0.15 HP (0.11 kW)	650	2.5	14	1.61	BG04-.../D04LA4	2.51	76	340	-	-	10	4.4
0.15 HP (0.11 kW)	445	2.1	21	2.35	BG04-.../D04LA4	3.65	88	390	-	-	10	4.4
0.15 HP (0.11 kW)	370	2.5	25	2.8	BG04-.../D04LA4	4.39	85	380	-	-	10	4.4
0.15 HP (0.11 kW)	305	2.6	30	3.4	BG04-.../D04LA4	5.36	85	380	-	-	10	4.4
0.15 HP (0.11 kW)	265	2.8	35	3.95	BG04-.../D04LA4	6.18	93	415	-	-	10	4.4
0.15 HP (0.11 kW)	245	2.4	38	4.25	BG04-.../D04LA4	6.67	92	410	-	-	10	4.4
0.15 HP (0.11 kW)	240	2.5	39	4.35	BG04-.../D04LA4	6.80	94	420	-	-	10	4.4
0.15 HP (0.11 kW)	189	2.0	49	5.5	BG04-.../D04LA4	8.58	92	410	-	-	10	4.4
0.15 HP (0.11 kW)	180	2.1	51	5.8	BG04-.../D04LA4	9.00	106	470	-	-	10	4.4
0.15 HP (0.11 kW)	164	2.0	57	6.4	BG04-.../D04LA4	9.90	108	480	-	-	10	4.4
0.15 HP (0.11 kW)	153	2.9	60	6.8	BG05-.../D04LA4	10.59	133	590	-	-	11	5.1
0.15 HP (0.11 kW)	150	2.0	62	7.0	BG04-.../D04LA4	10.82	108	480	-	-	10	4.4
0.15 HP (0.11 kW)	141	2.8	65	7.4	BG05-.../D04LA4	11.55	135	600	-	-	11	5.1
0.15 HP (0.11 kW)	137	1.95	67	7.6	BG04-.../D04LA4	11.90	110	490	-	-	10	4.4
0.15 HP (0.11 kW)	135	2.7	68	7.7	BG05-.../D04LA4	12.05	115	510	-	-	11	5.1
0.15 HP (0.11 kW)	130	1.9	71	8.0	BG04-.../D04LA4	12.55	110	490	-	-	10	4.4
0.15 HP (0.11 kW)	129	2.7	72	8.1	BG05-.../D04LA4	12.60	137	610	-	-	11	5.1
0.15 HP (0.11 kW)	123	1.9	75	8.5	BG04-.../D04LA4	13.20	112	500	-	-	10	4.4
0.15 HP (0.11 kW)	118	2.6	79	8.9	BG05-.../D04LA4	13.75	142	630	-	-	11	5.1
0.15 HP (0.11 kW)	112	1.85	82	9.3	BG04-.../D04LA4	14.52	115	510	-	-	10	4.4
0.15 HP (0.11 kW)	107	2.4	87	9.8	BG05-.../D04LA4	15.23	144	640	-	-	11	5.1
0.15 HP (0.11 kW)	99	1.7	94	10.6	BG04-.../D04LA4	16.44	119	530	-	-	10	4.4
0.15 HP (0.11 kW)	98	2.3	95	10.7	BG05-.../D04LA4	16.62	148	660	-	-	11	5.1
0.15 HP (0.11 kW)	90	1.55	103	11.6	BG04-.../D04LA4	18.08	121	540	-	-	10	4.4
0.15 HP (0.11 kW)	87	2.2	106	12	BG05-.../D04LA4	18.82	153	680	-	-	11	5.1
0.15 HP (0.11 kW)	86	3.3	108	12.2	BG06-.../D04LA4	18.98	173	770	-	-	13	6.1
0.15 HP (0.11 kW)	79	2.0	117	13.2	BG05-.../D04LA4	20.53	157	700	-	-	11	5.1
0.15 HP (0.11 kW)	78	3.0	119	13.4	BG06-.../D04LA4	20.82	180	800	-	-	13	6.1
0.15 HP (0.11 kW)	77	1.4	120	13.6	BG04-.../D04LA4	21.12	126	560	-	-	10	4.4
0.15 HP (0.11 kW)	72	3.0	128	14.5	BG06-.../D04LA4	22.71	182	810	-	-	13	6.1
0.15 HP (0.11 kW)	70	1.35	133	15	BG04-.../D04LA4	23.23	135	600	-	-	10	4.4
0.15 HP (0.11 kW)	68	1.8	136	15.4	BG05-.../D04LA4	24.00	166	740	-	-	11	5.1
0.15 HP (0.11 kW)	67	1.3	138	15.6	BG04-.../D04LA4	24.45	137	610	-	-	10	4.4
0.15 HP (0.11 kW)	64	2.7	145	16.4	BG06-.../D04LA4	25.48	191	850	-	-	13	6.1
0.15 HP (0.11 kW)	62	1.7	150	16.9	BG05-.../D04LA4	26.18	171	760	-	-	11	5.1
0.15 HP (0.11 kW)	61	1.15	152	17.2	BG04-.../D04LA4	26.89	146	650	-	-	10	4.4
0.15 HP (0.11 kW)	59	1.7	158	17.8	BG05-.../D04LA4	27.82	173	770	-	-	11	5.1
0.15 HP (0.11 kW)	59	2.5	158	17.8	BG06-.../D04LA4	27.80	189	840	-	-	13	6.1
0.15 HP (0.11 kW)	54	1.55	172	19.4	BG05-.../D04LA4	30.35	171	760	-	-	11	5.1
0.15 HP (0.11 kW)	53	1.0	175	19.8	BG04-.../D04LA4	30.91	155	690	-	-	10	4.4
0.15 HP (0.11 kW)	51	2.2	181	20.5	BG06-.../D04LA4	32.22	200	890	-	-	13	6.1
0.15 HP (0.11 kW)	48	0.93	190	21.5	BG04-.../D04LA4	34.00	162	720	-	-	10	4.4

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

BG-series helical-geared motors

Selection helical-geared motors

0.15 HP (0.11 kW)



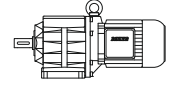
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
0.15 HP (0.11 kW)	46.5	1.35	199	22.5	BG05-../D04LA4	35.00	182	810	-	-	11	5.1
0.15 HP (0.11 kW)	46.5	2.0	199	22.5	BG06-../D04LA4	35.15	198	880	-	-	13	6.1
0.15 HP (0.11 kW)	46	0.89	199	22.5	BG04-../D04LA4	35.35	164	730	-	-	10	4.4
0.15 HP (0.11 kW)	44	1.9	208	23.5	BG06-../D04LA4	36.91	200	890	-	-	13	6.1
0.15 HP (0.11 kW)	42.5	1.2	217	24.5	BG05-../D04LA4	38.18	191	850	-	-	11	5.1
0.15 HP (0.11 kW)	42	0.8	221	25	BG04-../D04LA4	38.89	169	750	-	-	10	4.4
0.15 HP (0.11 kW)	41	1.2	226	25.5	BG05-../D04LA4	39.94	193	860	-	-	11	5.1
0.15 HP (0.11 kW)	40.5	1.75	226	25.5	BG06-../D04LA4	40.26	200	890	-	-	13	6.1
0.15 HP (0.11 kW)	37.5	1.05	248	28	BG05-../D04LA4	43.57	202	900	-	-	11	5.1
0.15 HP (0.11 kW)	35.5	1.55	261	29.5	BG06-../D04LA4	46.19	200	890	-	-	13	6.1
0.15 HP (0.11 kW)	34.5	1.0	266	30	BG05-../D04LA4	47.00	209	930	-	-	11	5.1
0.15 HP (0.11 kW)	32.5	1.4	283	32	BG06-../D04LA4	50.38	211	940	-	-	13	6.1
0.15 HP (0.11 kW)	32	0.92	288	32.5	BG05-../D04LA4	51.27	218	970	-	-	11	5.1
0.15 HP (0.11 kW)	31	1.35	296	33.5	BG06-../D04LA4	52.56	214	950	-	-	13	6.1
0.15 HP (0.11 kW)	30.5	0.88	301	34	BG05-../D04LA4	53.44	220	980	-	-	11	5.1
0.15 HP (0.11 kW)	28.5	1.25	323	36.5	BG06-../D04LA4	57.34	225	1000	-	-	13	6.1
0.15 HP (0.11 kW)	28.5	3.3	323	36.5	BG10-../D06LA4	57.48	450	2000	629	2800	29	13
0.15 HP (0.11 kW)	28	0.8	332	37.5	BG05-../D04LA4	58.30	225	1000	-	-	11	5.1
0.15 HP (0.11 kW)	26.5	1.15	350	39.5	BG06-../D04LA4	61.22	229	1020	-	-	13	6.1
0.15 HP (0.11 kW)	25.5	2.9	363	41	BG10-../D06LA4	63.69	450	2000	629	2800	29	13
0.15 HP (0.11 kW)	25	2.9	372	42	BG10-../D06LA4	66.00	450	2000	629	2800	29	13
0.15 HP (0.11 kW)	24.5	1.05	376	42.5	BG10-../D06LA4	66.79	241	1070	-	-	13	6.1
0.15 HP (0.11 kW)	22.5	2.6	412	46.5	BG10-../D06LA4	73.13	450	2000	629	2800	29	13
0.15 HP (0.11 kW)	21.5	0.86	412	46.5	BG06G04-../D04LA4	75.99	241	1070	-	-	19	8.4
0.15 HP (0.11 kW)	21	2.4	443	50	BG10Z-../D06LA4	77.40	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	20	0.86	443	50	BG06G04-../D04LA4	82.89	241	1070	-	-	19	8.4
0.15 HP (0.11 kW)	19	2.2	487	55	BG10Z-../D06LA4	85.76	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	18	2.1	513	58	BG10Z-../D06LA4	92.19	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	17.5	3.3	531	60	BG20Z-../D06LA4	94.27	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	16	1.85	575	65	BG10Z-../D06LA4	102.1	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	15.5	3.0	593	67	BG20Z-../D06LA4	104.7	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	15	1.7	620	70	BG10Z-../D06LA4	109.8	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	14.5	2.8	637	72	BG20Z-../D06LA4	112.8	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	13.5	1.55	682	77	BG10Z-../D06LA4	121.7	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	13	2.5	708	80	BG20Z-../D06LA4	125.3	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	12.5	1.45	743	84	BG10Z-../D06LA4	131.8	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	11.5	1.3	805	91	BG10Z-../D06LA4	146.0	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	11.5	2.2	805	91	BG20Z-../D06LA4	141.3	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	11.5	3.3	805	91	BG30Z-../D06LA4	142.5	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	11	3.2	841	95	BG30Z-../D06LA4	151.5	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	10.5	2.0	885	100	BG20Z-../D06LA4	157.0	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	10	1.9	929	105	BG20Z-../D06LA4	162.2	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	9.8	1.1	947	107	BG10Z-../D06LA4	166.0	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	9.7	2.8	956	108	BG30Z-../D06LA4	168.1	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	9.0	1.7	1027	116	BG20Z-../D06LA4	180.1	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	8.9	1.0	1044	118	BG10Z-../D06LA4	184.0	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	8.9	2.5	1044	118	BG30Z-../D06LA4	182.9	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	8.4	0.96	1106	125	BG10Z-../D06LA4	194.6	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	8.2	1.55	1133	128	BG20Z-../D06LA4	199.9	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	8.2	3.3	1133	128	BG40Z-../D06LA4	199.9	1574	7000	-	-	84	38
0.15 HP (0.11 kW)	8.0	2.3	1159	131	BG30Z-../D06LA4	202.9	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	7.6	0.87	1221	138	BG10Z-../D06LA4	215.7	450	2000	629	2800	31	14
0.15 HP (0.11 kW)	7.4	3.0	1248	141	BG40Z-../D06LA4	221.9	1574	7000	-	-	84	38
0.15 HP (0.11 kW)	7.3	1.4	1266	143	BG20Z-../D06LA4	222.1	1124	5000	-	-	35	16
0.15 HP (0.11 kW)	7.2	2.1	1283	145	BG30Z-../D06LA4	225.9	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	6.8	1.0	1142	129	BG10G06-../D06LA4	240.7	450	2000	629	2800	40	18
0.15 HP (0.11 kW)	6.6	1.65	1168	132	BG20G06-../D06LA4	248.0	1124	5000	472	2100	44	20
0.15 HP (0.11 kW)	6.6	2.7	1407	159	BG40Z-../D06LA4	246.5	1574	7000	-	-	84	38

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

BG-series helical-geared motors

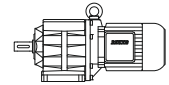
Selection helical-geared motors

0.15 HP (0.11 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
0.15 HP (0.11 kW)	6.5	1.85	1425	161	BG30Z-../D06LA4	250.6	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	6.2	1.8	1496	169	BG30Z-../D06LA4	261.9	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	6.0	2.4	1549	175	BG40Z-../D06LA4	273.6	1574	7000	-	-	84	38
0.15 HP (0.11 kW)	5.9	0.88	1310	148	BG10G06-../D06LA4	276.4	450	2000	629	2800	40	18
0.15 HP (0.11 kW)	5.6	1.6	1655	187	BG30Z-../D06LA4	290.5	1349	6000	-	-	49	22
0.15 HP (0.11 kW)	5.5	1.35	1434	162	BG20G06-../D06LA4	297.9	1124	5000	472	2100	44	20
0.15 HP (0.11 kW)	5.3	1.95	1487	168	BG30G06-../D06LA4	306.2	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	4.7	1.15	1726	195	BG20G06-../D06LA4	352.1	1124	5000	472	2100	44	20
0.15 HP (0.11 kW)	4.7	1.65	1726	195	BG30G06-../D06LA4	346.8	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	4.2	1.0	1903	215	BG20G06-../D06LA4	391.1	1124	5000	472	2100	44	20
0.15 HP (0.11 kW)	4.1	1.5	1947	220	BG30G06-../D06LA4	401.9	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	3.7	2.6	1558	176	BG40G10-../D06LA4	448.8	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	3.6	0.86	2257	255	BG20G06-../D06LA4	460.0	1124	5000	472	2100	44	20
0.15 HP (0.11 kW)	3.5	1.25	2345	265	BG30G06-../D06LA4	472.8	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	3.1	2.1	1947	220	BG40G10-../D06LA4	534.2	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	3.1	3.1	1947	220	BG50G10-../D06LA4	531.5	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	2.9	1.0	2832	320	BG30G06-../D06LA4	565.8	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	2.7	2.5	2434	275	BG50G10-../D06LA4	621.3	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	2.6	1.6	2567	290	BG40G10-../D06LA4	640.0	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	2.4	0.82	3496	395	BG30G06-../D06LA4	690.6	1349	6000	-	-	55	25
0.15 HP (0.11 kW)	2.3	1.4	2921	330	BG40G10-../D06LA4	710.9	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	2.3	2.1	2921	330	BG50G10-../D06LA4	708.3	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	2.1	1.3	3186	360	BG40G10-../D06LA4	789.1	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	2.1	1.9	3186	360	BG50G10-../D06LA4	785.1	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	1.7	1.0	4116	465	BG40G10-../D06LA4	965.2	1574	7000	-	-	95	43
0.15 HP (0.11 kW)	1.7	1.5	4116	465	BG50G10-../D06LA4	960.2	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	1.6	3.1	3673	415	BG60G20-../D06LA4	1051	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	1.4	1.15	5222	590	BG50G10-../D06LA4	1219	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	1.4	2.6	4425	500	BG60G20-../D06LA4	1168	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	1.3	2.4	4779	540	BG60G20-../D06LA4	1346	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	1.2	0.97	6284	710	BG50G10-../D06LA4	1452	2248	10000	-	-	112	51
0.15 HP (0.11 kW)	1.1	1.9	6019	680	BG60G20-../D06LA4	1496	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	1.0	3.1	7169	810	BG70G20-../D06LA4	1666	4496	20000	-	-	287	130
0.15 HP (0.11 kW)	0.95	1.55	7346	830	BG60G20-../D06LA4	1741	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	0.9	1.45	7877	890	BG60G20-../D06LA4	1880	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	0.85	2.5	8762	990	BG70G20-../D06LA4	1994	4496	20000	-	-	287	130
0.15 HP (0.11 kW)	0.75	1.15	10001	1130	BG60G20-../D06LA4	2249	3597	16000	-	-	220	100
0.15 HP (0.11 kW)	0.75	2.2	10267	1160	BG70G20-../D06LA4	2215	4496	20000	-	-	287	130
0.15 HP (0.11 kW)	0.6	1.65	13365	1510	BG70G20-../D06LA4	2774	4496	20000	-	-	287	130
0.15 HP (0.11 kW)	0.55	1.5	14781	1670	BG70G20-../D06LA4	3184	4496	20000	-	-	287	130
0.15 HP (0.11 kW)	0.42	1.1	19914	2250	BG70G20-../D06LA4	3925	4496	20000	-	-	287	130

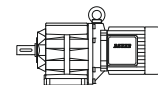
0.25 HP (0.18 kW)



P _N			Output Torque				Permissible Overhung Load					
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	620	3.3	24	2.75	BG05-../D05LA4	2.64	94	420	-	-	15	7.0
0.25 HP (0.18 kW)	480	2.8	31	3.55	BG05-../D05LA4	3.38	103	460	-	-	15	7.0
0.25 HP (0.18 kW)	355	2.5	42	4.8	BG05-../D05LA4	4.59	110	490	-	-	15	7.0
0.25 HP (0.18 kW)	300	2.5	50	5.7	BG05-../D05LA4	5.46	110	490	-	-	15	7.0
0.25 HP (0.18 kW)	270	2.7	56	6.3	BG05-../D05LA4	6.09	108	480	-	-	15	7.0
0.25 HP (0.18 kW)	250	2.4	60	6.8	BG05-../D05LA4	6.60	115	510	-	-	15	7.0

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

0.25 HP (0.18 kW)



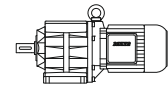
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.25 HP (0.18 kW)	245	2.4	62	7.0	BG05-../D05LA4	6.64	112	500	-	-	15	7.0
0.25 HP (0.18 kW)	210	2.2	72	8.1	BG05-../D05LA4	7.80	119	530	-	-	15	7.0
0.25 HP (0.18 kW)	199	2.1	76	8.6	BG05-../D05LA4	8.15	115	510	-	-	15	7.0
0.25 HP (0.18 kW)	194	3.2	78	8.8	BG06-../D05LA4	8.39	135	600	-	-	18	8.0
0.25 HP (0.18 kW)	191	2.1	80	9.0	BG05-../D05LA4	8.51	124	550	-	-	15	7.0
0.25 HP (0.18 kW)	173	3.0	88	9.9	BG06-../D05LA4	9.38	144	640	-	-	18	8.0
0.25 HP (0.18 kW)	159	2.9	96	10.8	BG06-../D05LA4	10.24	144	640	-	-	18	8.0
0.25 HP (0.18 kW)	153	1.8	99	11.2	BG05-../D05LA4	10.59	133	590	-	-	15	7.0
0.25 HP (0.18 kW)	144	2.7	105	11.9	BG06-../D05LA4	11.28	151	670	-	-	18	8.0
0.25 HP (0.18 kW)	141	1.75	107	12.1	BG05-../D05LA4	11.55	135	600	-	-	15	7.0
0.25 HP (0.18 kW)	135	1.65	112	12.7	BG05-../D05LA4	12.05	115	510	-	-	15	7.0
0.25 HP (0.18 kW)	132	2.5	115	13	BG06-../D05LA4	12.30	151	670	-	-	18	8.0
0.25 HP (0.18 kW)	129	1.65	118	13.3	BG05-../D05LA4	12.60	137	610	-	-	15	7.0
0.25 HP (0.18 kW)	125	2.4	121	13.7	BG06-../D05LA4	12.98	135	600	-	-	18	8.0
0.25 HP (0.18 kW)	118	1.6	128	14.5	BG05-../D05LA4	13.75	142	630	-	-	15	7.0
0.25 HP (0.18 kW)	110	2.2	138	15.6	BG06-../D05LA4	14.78	164	730	-	-	18	8.0
0.25 HP (0.18 kW)	107	1.5	142	16	BG05-../D05LA4	15.23	144	640	-	-	15	7.0
0.25 HP (0.18 kW)	101	2.1	150	17	BG06-../D05LA4	16.13	166	740	-	-	18	8.0
0.25 HP (0.18 kW)	98	1.45	155	17.5	BG05-../D05LA4	16.62	148	660	-	-	15	7.0
0.25 HP (0.18 kW)	94	2.1	161	18.2	BG06-../D05LA4	17.40	171	760	-	-	18	8.0
0.25 HP (0.18 kW)	87	1.3	174	19.7	BG05-../D05LA4	18.82	153	680	-	-	15	7.0
0.25 HP (0.18 kW)	86	2.0	176	19.9	BG06-../D05LA4	18.98	173	770	-	-	18	8.0
0.25 HP (0.18 kW)	79	1.25	190	21.5	BG05-../D05LA4	20.53	157	700	-	-	15	7.0
0.25 HP (0.18 kW)	78	1.8	195	22	BG06-../D05LA4	20.82	180	800	-	-	18	8.0
0.25 HP (0.18 kW)	72	1.85	208	23.5	BG06-../D05LA4	22.71	182	810	-	-	18	8.0
0.25 HP (0.18 kW)	68	1.1	221	25	BG05-../D05LA4	24.00	166	740	-	-	15	7.0
0.25 HP (0.18 kW)	64	1.7	235	26.5	BG06-../D05LA4	25.48	191	850	-	-	18	8.0
0.25 HP (0.18 kW)	62	1.05	243	27.5	BG05-../D05LA4	26.18	171	760	-	-	15	7.0
0.25 HP (0.18 kW)	59	1.05	257	29	BG05-../D05LA4	27.82	173	770	-	-	15	7.0
0.25 HP (0.18 kW)	59	1.55	257	29	BG06-../D05LA4	27.80	189	840	-	-	18	8.0
0.25 HP (0.18 kW)	54	0.95	279	31.5	BG05-../D05LA4	30.35	171	760	-	-	15	7.0
0.25 HP (0.18 kW)	51	1.35	296	33.5	BG06-../D05LA4	32.22	200	890	-	-	18	8.0
0.25 HP (0.18 kW)	46.5	0.82	323	36.5	BG05-../D05LA4	35.00	182	810	-	-	15	7.0
0.25 HP (0.18 kW)	46.5	1.25	323	36.5	BG06-../D05LA4	35.15	198	880	-	-	18	8.0
0.25 HP (0.18 kW)	46.5	3.3	323	36.5	BG10-../D06LA4	34.92	380	1690	528	2350	29	13
0.25 HP (0.18 kW)	44	1.15	345	39	BG06-../D05LA4	36.91	200	890	-	-	18	8.0
0.25 HP (0.18 kW)	41	2.9	367	41.5	BG10-../D06LA4	39.70	400	1780	551	2450	29	13
0.25 HP (0.18 kW)	40.5	1.05	372	42	BG06-../D05LA4	40.26	200	890	-	-	18	8.0
0.25 HP (0.18 kW)	37	2.6	407	46	BG10-../D06LA4	43.99	423	1880	585	2600	29	13
0.25 HP (0.18 kW)	35.5	0.94	425	48	BG06-../D05LA4	46.19	200	890	-	-	18	8.0
0.25 HP (0.18 kW)	35	2.4	434	49	BG10-../D06LA4	46.55	432	1920	596	2650	29	13
0.25 HP (0.18 kW)	32.5	0.87	460	52	BG06-../D05LA4	50.38	211	940	-	-	18	8.0
0.25 HP (0.18 kW)	31.5	2.2	478	54	BG10-../D06LA4	51.57	450	2000	629	2800	29	13
0.25 HP (0.18 kW)	31	0.82	487	55	BG06-../D05LA4	52.56	214	950	-	-	18	8.0
0.25 HP (0.18 kW)	28.5	2.0	531	60	BG10-../D06LA4	57.48	450	2000	629	2800	29	13
0.25 HP (0.18 kW)	27.5	3.2	549	62	BG20-../D06LA4	59.07	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	25.5	1.8	593	67	BG10-../D06LA4	63.69	450	2000	629	2800	29	13
0.25 HP (0.18 kW)	25	1.75	602	68	BG10-../D06LA4	66.00	450	2000	629	2800	29	13
0.25 HP (0.18 kW)	25	2.9	602	68	BG20-../D06LA4	65.62	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	24	2.8	628	71	BG20Z-../D06LA4	67.53	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	22.5	1.6	673	76	BG10-../D06LA4	73.13	450	2000	629	2800	29	13
0.25 HP (0.18 kW)	22	2.6	690	78	BG20Z-../D06LA4	75.00	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	21	1.5	717	81	BG10Z-../D06LA4	77.40	450	2000	629	2800	31	14
0.25 HP (0.18 kW)	21	2.5	717	81	BG20Z-../D06LA4	78.60	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	19	1.35	797	90	BG10Z-../D06LA4	85.76	450	2000	629	2800	31	14
0.25 HP (0.18 kW)	19	2.2	797	90	BG20Z-../D06LA4	87.30	1124	5000	-	-	35	16
0.25 HP (0.18 kW)	19	3.3	797	90	BG30Z-../D06LA4	86.13	1349	6000	-	-	49	22
0.25 HP (0.18 kW)	18	1.25	841	95	BG10Z-../D06LA4	92.19	450	2000	629	2800	31	14

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

BG-series helical-geared motors

Selection helical-geared motors

0.25 HP (0.18 kW)



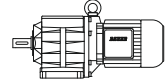
P _N							Permissible Overhung Load						
			Output Torque				Standard Bearings		Reinforced Bearings		Weight		
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg	
0.25 HP (0.18 kW)	17.5	2.0	867	98	BG20Z-../D06LA4	94.27	1124	5000	-	-	35	16	
0.25 HP (0.18 kW)	17	3.0	894	101	BG30Z-../D06LA4	95.55	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	16	1.1	947	107	BG10Z-../D06LA4	102.1	450	2000	629	2800	31	14	
0.25 HP (0.18 kW)	15.5	1.8	974	110	BG20Z-../D06LA4	104.7	1124	5000	-	-	35	16	
0.25 HP (0.18 kW)	15	1.05	1009	114	BG10Z-../D06LA4	109.8	450	2000	629	2800	31	14	
0.25 HP (0.18 kW)	15	2.6	1009	114	BG30Z-../D06LA4	109.6	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	14.5	1.7	1044	118	BG20Z-../D06LA4	112.8	1124	5000	-	-	35	16	
0.25 HP (0.18 kW)	13.5	0.94	1124	127	BG10Z-../D06LA4	121.7	450	2000	629	2800	31	14	
0.25 HP (0.18 kW)	13.5	3.3	1124	127	BG40Z-../D06LA4	121.3	1574	7000	-	-	84	38	
0.25 HP (0.18 kW)	13	1.5	1168	132	BG20Z-../D06LA4	125.3	1124	5000	-	-	35	16	
0.25 HP (0.18 kW)	13	2.3	1168	132	BG30Z-../D06LA4	128.5	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	12.5	0.88	1213	137	BG10Z-../D06LA4	131.8	450	2000	629	2800	31	14	
0.25 HP (0.18 kW)	12.5	3.1	1213	137	BG40Z-../D06LA4	134.6	1574	7000	-	-	84	38	
0.25 HP (0.18 kW)	11.5	0.81	1319	149	BG10Z-../D06LA4	146.0	450	2000	629	2800	31	14	
0.25 HP (0.18 kW)	11.5	1.35	1319	149	BG20Z-../D06LA4	141.3	1124	5000	-	-	35	16	
0.25 HP (0.18 kW)	11.5	2.0	1319	149	BG30Z-../D06LA4	142.5	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	11.5	2.9	1319	149	BG40Z-../D06LA4	141.4	1574	7000	-	-	84	38	
0.25 HP (0.18 kW)	11	0.93	1239	140	BG10G06-../D06LA4	150.1	450	2000	629	2800	40	18	
0.25 HP (0.18 kW)	11	1.9	1381	156	BG30Z-../D06LA4	151.5	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	10.5	1.25	1443	163	BG20Z-../D06LA4	157.0	1124	5000	-	-	35	16	
0.25 HP (0.18 kW)	10.5	2.6	1443	163	BG40Z-../D06LA4	156.9	1574	7000	-	-	84	38	
0.25 HP (0.18 kW)	10	1.15	1513	171	BG20Z-../D06LA4	162.2	1124	5000	-	-	35	16	
0.25 HP (0.18 kW)	9.8	0.83	1390	157	BG10G06-../D06LA4	166.3	450	2000	629	2800	40	18	
0.25 HP (0.18 kW)	9.8	2.4	1549	175	BG40Z-../D06LA4	166.1	1574	7000	-	-	84	38	
0.25 HP (0.18 kW)	9.7	1.7	1567	177	BG30Z-../D06LA4	168.1	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	9.0	1.05	1690	191	BG20Z-../D06LA4	180.1	1124	5000	-	-	35	16	
0.25 HP (0.18 kW)	8.9	1.55	1708	193	BG30Z-../D06LA4	182.9	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	8.9	3.3	1708	193	BG50Z-../D06LA4	182.8	2248	10000	-	-	104	47	
0.25 HP (0.18 kW)	8.8	2.2	1726	195	BG40Z-../D06LA4	184.4	1574	7000	-	-	84	38	
0.25 HP (0.18 kW)	8.2	0.98	1814	205	BG20Z-../D06LA4	199.9	1124	5000	-	-	35	16	
0.25 HP (0.18 kW)	8.2	2.1	1814	205	BG40Z-../D06LA4	199.9	1574	7000	-	-	84	38	
0.25 HP (0.18 kW)	8.0	1.45	1859	210	BG30Z-../D06LA4	202.9	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	8.0	3.0	1859	210	BG50Z-../D06LA4	204.7	2248	10000	-	-	104	47	
0.25 HP (0.18 kW)	7.4	1.85	2036	230	BG40Z-../D06LA4	221.9	1574	7000	-	-	84	38	
0.25 HP (0.18 kW)	7.3	0.85	2080	235	BG20Z-../D06LA4	222.1	1124	5000	-	-	35	16	
0.25 HP (0.18 kW)	7.2	1.3	2080	235	BG30Z-../D06LA4	225.9	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	7.2	2.7	2080	235	BG50Z-../D06LA4	226.9	2248	10000	-	-	104	47	
0.25 HP (0.18 kW)	6.6	0.96	2036	230	BG20G06-../D06LA4	248.0	1124	5000	472	2100	44	20	
0.25 HP (0.18 kW)	6.6	1.65	2301	260	BG40Z-../D06LA4	246.5	1574	7000	-	-	84	38	
0.25 HP (0.18 kW)	6.5	1.15	2301	260	BG30Z-../D06LA4	250.6	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	6.3	2.3	2390	270	BG50Z-../D06LA4	258.6	2248	10000	-	-	104	47	
0.25 HP (0.18 kW)	6.2	1.1	2434	275	BG30Z-../D06LA4	261.9	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	6.0	1.5	2522	285	BG40Z-../D06LA4	273.6	1574	7000	-	-	84	38	
0.25 HP (0.18 kW)	5.7	2.2	1859	210	BG40G10-../D06LA4	288.6	1574	7000	-	-	95	43	
0.25 HP (0.18 kW)	5.7	2.1	2655	300	BG50Z-../D06LA4	286.7	2248	10000	-	-	104	47	
0.25 HP (0.18 kW)	5.6	0.98	2699	305	BG30Z-../D06LA4	290.5	1349	6000	-	-	49	22	
0.25 HP (0.18 kW)	5.3	1.1	2567	290	BG30G06-../D06LA4	306.2	1349	6000	-	-	55	25	
0.25 HP (0.18 kW)	4.7	0.97	2965	335	BG30G06-../D06LA4	346.8	1349	6000	-	-	55	25	
0.25 HP (0.18 kW)	4.7	2.6	2345	265	BG50G10-../D06LA4	351.7	2248	10000	-	-	112	51	
0.25 HP (0.18 kW)	4.6	1.7	2390	270	BG40G10-../D06LA4	353.5	1574	7000	-	-	95	43	
0.25 HP (0.18 kW)	4.1	0.84	3408	385	BG30G06-../D06LA4	401.9	1349	6000	-	-	55	25	
0.25 HP (0.18 kW)	3.7	1.3	3142	355	BG40G10-../D06LA4	448.8	1574	7000	-	-	95	43	
0.25 HP (0.18 kW)	3.7	1.95	3142	355	BG50G10-../D06LA4	446.5	2248	10000	-	-	112	51	
0.25 HP (0.18 kW)	3.1	1.05	3850	435	BG40G10-../D06LA4	534.2	1574	7000	-	-	95	43	
0.25 HP (0.18 kW)	3.1	1.6	3850	435	BG50G10-../D06LA4	531.5	2248	10000	-	-	112	51	
0.25 HP (0.18 kW)	2.9	3.1	3762	425	BG60G20-../D06LA4	559.5	3597	16000	-	-	220	100	
0.25 HP (0.18 kW)	2.7	1.35	4602	520	BG50G10-../D06LA4	621.3	2248	10000	-	-	112	51	
0.25 HP (0.18 kW)	2.6	0.86	4779	540	BG40G10-../D06LA4	640.0	1574	7000	-	-	95	43	

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

BG-series helical-geared motors

Selection helical-geared motors

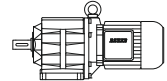
0.25 HP (0.18 kW)



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
0.25 HP (0.18 kW)	2.5	2.5	4602	520	BG60G20-../D06LA4	651.3	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	2.3	1.1	5487	620	BG50G10-../D06LA4	708.3	2248	10000	-	-	112	51
0.25 HP (0.18 kW)	2.1	1.0	6019	680	BG50G10-../D06LA4	785.1	2248	10000	-	-	112	51
0.25 HP (0.18 kW)	2.1	2.1	5399	610	BG60G20-../D06LA4	804.5	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.9	1.95	5930	670	BG60G20-../D06LA4	891.5	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.7	0.8	7612	860	BG50G10-../D06LA4	960.2	2248	10000	-	-	112	51
0.25 HP (0.18 kW)	1.6	1.55	7346	830	BG60G20-../D06LA4	1051	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.6	2.9	7523	850	BG70G20-../D06LA4	1035	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	1.4	1.35	8674	980	BG60G20-../D06LA4	1168	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.4	2.5	8762	990	BG70G20-../D06LA4	1193	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	1.3	1.25	9293	1050	BG60G20-../D06LA4	1346	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.2	2.1	10532	1190	BG70G20-../D06LA4	1389	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	1.1	1.0	11417	1290	BG60G20-../D06LA4	1496	3597	16000	-	-	220	100
0.25 HP (0.18 kW)	1.1	1.9	11683	1320	BG70G20-../D06LA4	1543	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	1.0	1.7	13011	1470	BG70G20-../D06LA4	1666	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	0.85	1.4	15754	1780	BG70G20-../D06LA4	1994	4496	20000	-	-	287	130
0.25 HP (0.18 kW)	0.75	1.2	18144	2050	BG70G20-../D06LA4	2215	4496	20000	-	-	287	130

6

0.33 HP (0.25 kW)



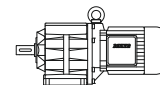
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	620	2.3	34	3.85	BG05-../D05LA4	2.64	94	420	-	-	15	7.0
0.33 HP (0.25 kW)	480	2.0	44	4.95	BG05-../D05LA4	3.38	103	460	-	-	15	7.0
0.33 HP (0.25 kW)	360	3.3	58	6.6	BG06-../D05LA4	4.54	119	530	-	-	18	8.0
0.33 HP (0.25 kW)	355	1.8	59	6.7	BG05-../D05LA4	4.59	110	490	-	-	15	7.0
0.33 HP (0.25 kW)	300	1.75	70	7.9	BG05-../D05LA4	5.46	110	490	-	-	15	7.0
0.33 HP (0.25 kW)	275	2.8	76	8.6	BG06-../D05LA4	5.96	128	570	-	-	18	8.0
0.33 HP (0.25 kW)	270	1.95	78	8.8	BG05-../D05LA4	6.09	108	480	-	-	15	7.0
0.33 HP (0.25 kW)	250	1.7	84	9.5	BG05-../D05LA4	6.60	115	510	-	-	15	7.0
0.33 HP (0.25 kW)	245	1.75	86	9.7	BG05-../D05LA4	6.64	112	500	-	-	15	7.0
0.33 HP (0.25 kW)	235	2.6	89	10.1	BG06-../D05LA4	7.01	130	580	-	-	18	8.0
0.33 HP (0.25 kW)	210	1.6	100	11.3	BG05-../D05LA4	7.80	119	530	-	-	15	7.0
0.33 HP (0.25 kW)	199	1.5	105	11.9	BG05-../D05LA4	8.15	115	510	-	-	15	7.0
0.33 HP (0.25 kW)	194	2.3	109	12.3	BG06-../D05LA4	8.39	135	600	-	-	18	8.0
0.33 HP (0.25 kW)	191	1.5	111	12.5	BG05-../D05LA4	8.51	124	550	-	-	15	7.0
0.33 HP (0.25 kW)	173	2.2	122	13.8	BG06-../D05LA4	9.38	144	640	-	-	18	8.0
0.33 HP (0.25 kW)	159	2.1	133	15	BG06-../D05LA4	10.24	144	640	-	-	18	8.0
0.33 HP (0.25 kW)	153	1.3	138	15.6	BG05-../D05LA4	10.59	133	590	-	-	15	7.0
0.33 HP (0.25 kW)	144	1.95	146	16.5	BG06-../D05LA4	11.28	151	670	-	-	18	8.0
0.33 HP (0.25 kW)	141	1.25	150	16.9	BG05-../D05LA4	11.55	135	600	-	-	15	7.0
0.33 HP (0.25 kW)	135	1.2	156	17.6	BG05-../D05LA4	12.05	115	510	-	-	15	7.0
0.33 HP (0.25 kW)	132	1.85	159	18	BG06-../D05LA4	12.30	151	670	-	-	18	8.0
0.33 HP (0.25 kW)	129	1.2	164	18.5	BG05-../D05LA4	12.60	137	610	-	-	15	7.0
0.33 HP (0.25 kW)	125	1.75	169	19.1	BG06-../D05LA4	12.98	135	600	-	-	18	8.0
0.33 HP (0.25 kW)	118	1.15	177	20	BG05-../D05LA4	13.75	142	630	-	-	15	7.0
0.33 HP (0.25 kW)	110	1.6	190	21.5	BG06-../D05LA4	14.78	164	730	-	-	18	8.0
0.33 HP (0.25 kW)	107	1.1	195	22	BG05-../D05LA4	15.23	144	640	-	-	15	7.0
0.33 HP (0.25 kW)	101	1.5	208	23.5	BG06-../D05LA4	16.13	166	740	-	-	18	8.0
0.33 HP (0.25 kW)	98	1.05	212	24	BG05-../D05LA4	16.62	148	660	-	-	15	7.0
0.33 HP (0.25 kW)	94	1.5	221	25	BG06-../D05LA4	17.40	171	760	-	-	18	8.0
0.33 HP (0.25 kW)	87	0.96	239	27	BG05-../D05LA4	18.82	153	680	-	-	15	7.0

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

BG-series helical-geared motors

Selection helical-geared motors

0.33 HP (0.25 kW)



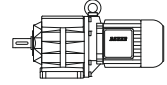
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.33 HP (0.25 kW)	86	1.45	243	27.5	BG06-../D05LA4	18.98	173	770	-	-	18	8.0
0.33 HP (0.25 kW)	79	0.9	266	30	BG05-../D05LA4	20.53	157	700	-	-	15	7.0
0.33 HP (0.25 kW)	78	1.3	270	30.5	BG06-../D05LA4	20.82	180	800	-	-	18	8.0
0.33 HP (0.25 kW)	72	1.3	292	33	BG06-../D05LA4	22.71	182	810	-	-	18	8.0
0.33 HP (0.25 kW)	68	0.8	310	35	BG05-../D05LA4	24.00	166	740	-	-	15	7.0
0.33 HP (0.25 kW)	64	1.2	327	37	BG06-../D05LA4	25.48	191	850	-	-	18	8.0
0.33 HP (0.25 kW)	62	3.1	341	38.5	BG10-../D06LA4	26.26	328	1460	450	2000	29	13
0.33 HP (0.25 kW)	59	1.15	354	40	BG06-../D05LA4	27.80	189	840	-	-	18	8.0
0.33 HP (0.25 kW)	56	2.8	376	42.5	BG10-../D06LA4	29.09	346	1540	483	2150	29	13
0.33 HP (0.25 kW)	52	2.6	403	45.5	BG10-../D06LA4	31.52	360	1600	495	2200	29	13
0.33 HP (0.25 kW)	51	0.97	412	46.5	BG06-../D05LA4	32.22	200	890	-	-	18	8.0
0.33 HP (0.25 kW)	47.5	3.0	443	50	BG15-../D06LA4	34.20	674	3000	1349	6000	29	13
0.33 HP (0.25 kW)	46.5	0.88	451	51	BG06-../D05LA4	35.15	198	880	-	-	18	8.0
0.33 HP (0.25 kW)	46.5	2.4	451	51	BG10-../D06LA4	34.92	380	1690	528	2350	29	13
0.33 HP (0.25 kW)	44	0.83	478	54	BG06-../D05LA4	36.91	200	890	-	-	18	8.0
0.33 HP (0.25 kW)	43	2.7	487	55	BG15-../D06LA4	37.90	674	3000	1349	6000	29	13
0.33 HP (0.25 kW)	41	2.1	513	58	BG10-../D06LA4	39.70	400	1780	551	2450	29	13
0.33 HP (0.25 kW)	39	3.3	540	61	BG20-../D06LA4	41.76	1012	4500	-	-	35	16
0.33 HP (0.25 kW)	37	1.9	566	64	BG10-../D06LA4	43.99	423	1880	585	2600	29	13
0.33 HP (0.25 kW)	35	1.75	602	68	BG10-../D06LA4	46.55	432	1920	596	2650	29	13
0.33 HP (0.25 kW)	35	2.9	602	68	BG20-../D06LA4	46.38	1057	4700	-	-	35	16
0.33 HP (0.25 kW)	34	2.9	620	70	BG20-../D06LA4	47.92	1068	4750	-	-	35	16
0.33 HP (0.25 kW)	31.5	1.6	664	75	BG10-../D06LA4	51.57	450	2000	629	2800	29	13
0.33 HP (0.25 kW)	30.5	2.6	690	78	BG20-../D06LA4	53.22	1113	4950	-	-	35	16
0.33 HP (0.25 kW)	28.5	1.45	735	83	BG10-../D06LA4	57.48	450	2000	629	2800	29	13
0.33 HP (0.25 kW)	27.5	2.3	761	86	BG20-../D06LA4	59.07	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	25.5	1.3	823	93	BG10-../D06LA4	63.69	450	2000	629	2800	29	13
0.33 HP (0.25 kW)	25	1.25	841	95	BG10-../D06LA4	66.00	450	2000	629	2800	29	13
0.33 HP (0.25 kW)	25	2.1	841	95	BG20-../D06LA4	65.62	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	24.5	3.1	859	97	BG30-../D06LA4	67.44	1349	6000	-	-	44	20
0.33 HP (0.25 kW)	24	2.0	876	99	BG20Z-../D06LA4	67.53	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	22.5	1.15	938	106	BG10-../D06LA4	73.13	450	2000	629	2800	29	13
0.33 HP (0.25 kW)	22.5	2.8	938	106	BG30Z-../D06LA4	73.51	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	22	1.85	956	108	BG20Z-../D06LA4	75.00	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	21	1.05	1000	113	BG10Z-../D06LA4	77.40	450	2000	629	2800	31	14
0.33 HP (0.25 kW)	21	1.75	1000	113	BG20Z-../D06LA4	78.60	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	20	2.5	1053	119	BG30Z-../D06LA4	81.55	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	19	0.96	1106	125	BG10Z-../D06LA4	85.76	450	2000	629	2800	31	14
0.33 HP (0.25 kW)	19	1.6	1106	125	BG20Z-../D06LA4	87.30	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	19	2.4	1106	125	BG30Z-../D06LA4	86.13	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	18	0.91	1168	132	BG10Z-../D06LA4	92.19	450	2000	629	2800	31	14
0.33 HP (0.25 kW)	18	3.2	1168	132	BG40Z-../D06LA4	91.02	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	17.5	1.45	1204	136	BG20Z-../D06LA4	94.27	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	17	2.1	1239	140	BG30Z-../D06LA4	95.55	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	17	3.0	1239	140	BG40Z-../D06LA4	96.86	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	16	0.81	1319	149	BG10Z-../D06LA4	102.1	450	2000	629	2800	31	14
0.33 HP (0.25 kW)	15.5	1.3	1363	154	BG20Z-../D06LA4	104.7	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	15.5	2.8	1363	154	BG40Z-../D06LA4	107.5	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	15	1.9	1407	159	BG30Z-../D06LA4	109.6	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	14.5	1.2	1452	164	BG20Z-../D06LA4	112.8	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	13.5	2.4	1558	176	BG40Z-../D06LA4	121.3	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	13	1.1	1620	183	BG20Z-../D06LA4	125.3	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	13	1.65	1620	183	BG30Z-../D06LA4	128.5	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	12.5	2.2	1690	191	BG40Z-../D06LA4	134.6	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	11.5	0.98	1814	205	BG20Z-../D06LA4	141.3	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	11.5	1.45	1814	205	BG30Z-../D06LA4	142.5	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	11.5	2.1	1814	205	BG40Z-../D06LA4	141.4	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	11.5	3.1	1814	205	BG50Z-../D06LA4	142.9	2248	10000	-	-	104	47

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

BG-series helical-geared motors

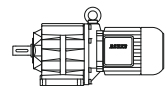
Selection helical-geared motors

0.33 HP (0.25 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
0.33 HP (0.25 kW)	11	1.4	1903	215	BG30Z-../D06LA4	151.5	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	10.5	0.89	1991	225	BG20Z-../D06LA4	157.0	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	10.5	1.9	1991	225	BG40Z-../D06LA4	156.9	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	10	0.85	2080	235	BG20Z-../D06LA4	162.2	1124	5000	-	-	35	16
0.33 HP (0.25 kW)	9.9	2.6	2124	240	BG50Z-../D06LA4	164.9	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	9.8	1.75	2124	240	BG40Z-../D06LA4	166.1	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	9.7	1.2	2168	245	BG30Z-../D06LA4	168.1	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	8.9	1.15	2345	265	BG30Z-../D06LA4	182.9	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	8.9	2.4	2345	265	BG50Z-../D06LA4	182.8	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	8.8	1.55	2390	270	BG40Z-../D06LA4	184.4	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	8.2	1.45	2567	290	BG40Z-../D06LA4	199.9	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	8.0	1.0	2611	295	BG30Z-../D06LA4	202.9	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	8.0	2.1	2611	295	BG50Z-../D06LA4	204.7	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	7.4	1.35	2832	320	BG40Z-../D06LA4	221.9	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	7.2	0.91	2921	330	BG30Z-../D06LA4	225.9	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	7.2	1.9	2921	330	BG50Z-../D06LA4	226.9	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	6.6	1.2	3186	360	BG40Z-../D06LA4	246.5	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	6.5	0.82	3231	365	BG30Z-../D06LA4	250.6	1349	6000	-	-	49	22
0.33 HP (0.25 kW)	6.4	0.94	3054	345	BG30G06-../D06LA4	254.9	1349	6000	-	-	55	25
0.33 HP (0.25 kW)	6.3	1.7	3319	375	BG50Z-../D06LA4	258.6	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	6.0	1.1	3496	395	BG40Z-../D06LA4	273.6	1574	7000	-	-	84	38
0.33 HP (0.25 kW)	5.7	1.45	2876	325	BG40G10-../D06LA4	288.6	1574	7000	-	-	95	43
0.33 HP (0.25 kW)	5.7	1.5	3673	415	BG50Z-../D06LA4	286.7	2248	10000	-	-	104	47
0.33 HP (0.25 kW)	4.7	1.7	3585	405	BG50G10-../D06LA4	351.7	2248	10000	-	-	112	51
0.33 HP (0.25 kW)	4.6	1.1	3673	415	BG40G10-../D06LA4	353.5	1574	7000	-	-	95	43
0.33 HP (0.25 kW)	3.8	2.8	4071	460	BG60G20-../D06LA4	437.3	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	3.7	0.88	4691	530	BG40G10-../D06LA4	448.8	1574	7000	-	-	95	43
0.33 HP (0.25 kW)	3.7	1.3	4691	530	BG50G10-../D06LA4	446.5	2248	10000	-	-	112	51
0.33 HP (0.25 kW)	3.3	2.3	5045	570	BG60G20-../D06LA4	504.9	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	3.1	1.05	5753	650	BG50G10-../D06LA4	531.5	2248	10000	-	-	112	51
0.33 HP (0.25 kW)	2.9	2.0	5753	650	BG60G20-../D06LA4	559.5	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	2.7	0.9	6815	770	BG50G10-../D06LA4	621.3	2248	10000	-	-	112	51
0.33 HP (0.25 kW)	2.5	1.65	6992	790	BG60G20-../D06LA4	651.3	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	2.5	3.2	6904	780	BG70G20-../D06LA4	665.8	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	2.1	1.4	8231	930	BG60G20-../D06LA4	804.5	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	2.1	2.7	8231	930	BG70G20-../D06LA4	790.2	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.9	1.25	9116	1030	BG60G20-../D06LA4	891.5	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	1.9	2.4	9293	1050	BG70G20-../D06LA4	877.6	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.6	1.05	11063	1250	BG60G20-../D06LA4	1051	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	1.6	1.95	11240	1270	BG70G20-../D06LA4	1035	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.4	0.9	12834	1450	BG60G20-../D06LA4	1168	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	1.4	1.7	13011	1470	BG70G20-../D06LA4	1193	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.3	0.83	13896	1570	BG60G20-../D06LA4	1346	3597	16000	-	-	220	100
0.33 HP (0.25 kW)	1.2	1.45	15489	1750	BG70G20-../D06LA4	1389	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.1	1.3	17082	1930	BG70G20-../D06LA4	1543	4496	20000	-	-	287	130
0.33 HP (0.25 kW)	1.0	1.2	18587	2100	BG70G20-../D06LA4	1666	4496	20000	-	-	287	130

0.4 HP (0.3 kW)



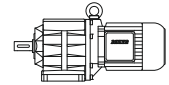
P _N			Output Torque					Permissible Overhung Load				Weight	
								Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type		i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	620	1.95	41	4.6	BG05-../D05LA4		2.64	94	420	-	-	15	7.0

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

BG-series helical-geared motors

Selection helical-geared motors

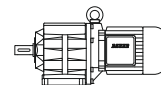
0.4 HP (0.3 kW)



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)	480	1.7	52	5.9	BG05-../D05LA4	3.38	103	460	-	-	15	7.0
0.4 HP (0.3 kW)	430	3.0	58	6.6	BG06-../D05LA4	3.78	117	520	-	-	18	8.0
0.4 HP (0.3 kW)	360	2.8	70	7.9	BG06-../D05LA4	4.54	119	530	-	-	18	8.0
0.4 HP (0.3 kW)	355	1.5	71	8.0	BG05-../D05LA4	4.59	110	490	-	-	15	7.0
0.4 HP (0.3 kW)	300	1.45	84	9.5	BG05-../D05LA4	5.46	110	490	-	-	15	7.0
0.4 HP (0.3 kW)	275	2.3	92	10.4	BG06-../D05LA4	5.96	128	570	-	-	18	8.0
0.4 HP (0.3 kW)	270	1.6	94	10.6	BG05-../D05LA4	6.09	108	480	-	-	15	7.0
0.4 HP (0.3 kW)	250	1.4	101	11.4	BG05-../D05LA4	6.60	115	510	-	-	15	7.0
0.4 HP (0.3 kW)	245	1.45	103	11.6	BG05-../D05LA4	6.64	112	500	-	-	15	7.0
0.4 HP (0.3 kW)	235	2.1	107	12.1	BG06-../D05LA4	7.01	130	580	-	-	18	8.0
0.4 HP (0.3 kW)	210	1.3	120	13.6	BG05-../D05LA4	7.80	119	530	-	-	15	7.0
0.4 HP (0.3 kW)	199	1.25	127	14.3	BG05-../D05LA4	8.15	115	510	-	-	15	7.0
0.4 HP (0.3 kW)	194	1.9	130	14.7	BG06-../D05LA4	8.39	135	600	-	-	18	8.0
0.4 HP (0.3 kW)	191	1.25	133	15	BG05-../D05LA4	8.51	124	550	-	-	15	7.0
0.4 HP (0.3 kW)	173	1.8	146	16.5	BG06-../D05LA4	9.38	144	640	-	-	18	8.0
0.4 HP (0.3 kW)	159	1.7	159	18	BG06-../D05LA4	10.24	144	640	-	-	18	8.0
0.4 HP (0.3 kW)	153	1.05	166	18.7	BG05-../D05LA4	10.59	133	590	-	-	15	7.0
0.4 HP (0.3 kW)	144	1.6	175	19.8	BG06-../D05LA4	11.28	151	670	-	-	18	8.0
0.4 HP (0.3 kW)	141	1.05	177	20	BG05-../D05LA4	11.55	135	600	-	-	15	7.0
0.4 HP (0.3 kW)	135	1.0	186	21	BG05-../D05LA4	12.05	115	510	-	-	15	7.0
0.4 HP (0.3 kW)	132	1.55	190	21.5	BG06-../D05LA4	12.30	151	670	-	-	18	8.0
0.4 HP (0.3 kW)	129	1.0	195	22	BG05-../D05LA4	12.60	137	610	-	-	15	7.0
0.4 HP (0.3 kW)	125	1.45	199	22.5	BG06-../D05LA4	12.98	135	600	-	-	18	8.0
0.4 HP (0.3 kW)	118	0.96	212	24	BG05-../D05LA4	13.75	142	630	-	-	15	7.0
0.4 HP (0.3 kW)	110	1.3	230	26	BG06-../D05LA4	14.78	164	730	-	-	18	8.0
0.4 HP (0.3 kW)	107	0.91	235	26.5	BG05-../D05LA4	15.23	144	640	-	-	15	7.0
0.4 HP (0.3 kW)	101	1.25	248	28	BG06-../D05LA4	16.13	166	740	-	-	18	8.0
0.4 HP (0.3 kW)	98	0.86	257	29	BG05-../D05LA4	16.62	148	660	-	-	15	7.0
0.4 HP (0.3 kW)	94	1.25	266	30	BG06-../D05LA4	17.40	171	760	-	-	18	8.0
0.4 HP (0.3 kW)	87	0.8	288	32.5	BG05-../D05LA4	18.82	153	680	-	-	15	7.0
0.4 HP (0.3 kW)	86	1.2	292	33	BG06-../D05LA4	18.98	173	770	-	-	18	8.0
0.4 HP (0.3 kW)	79	3.3	319	36	BG10-../D06LA4	20.51	290	1290	405	1800	29	13
0.4 HP (0.3 kW)	78	1.1	323	36.5	BG06-../D05LA4	20.82	180	800	-	-	18	8.0
0.4 HP (0.3 kW)	74	3.1	341	38.5	BG10-../D06LA4	22.04	299	1330	418	1860	29	13
0.4 HP (0.3 kW)	72	1.1	350	39.5	BG06-../D05LA4	22.71	182	810	-	-	18	8.0
0.4 HP (0.3 kW)	67	2.8	376	42.5	BG10-../D06LA4	24.42	317	1410	443	1970	29	13
0.4 HP (0.3 kW)	64	1.0	394	44.5	BG06-../D05LA4	25.48	191	850	-	-	18	8.0
0.4 HP (0.3 kW)	62	2.6	407	46	BG10-../D06LA4	26.26	328	1460	450	2000	29	13
0.4 HP (0.3 kW)	60	3.2	420	47.5	BG15-../D06LA4	27.08	674	3000	1349	6000	29	13
0.4 HP (0.3 kW)	59	0.93	429	48.5	BG06-../D05LA4	27.80	189	840	-	-	18	8.0
0.4 HP (0.3 kW)	56	2.4	451	51	BG10-../D06LA4	29.09	346	1540	483	2150	29	13
0.4 HP (0.3 kW)	54	2.8	469	53	BG15-../D06LA4	30.08	674	3000	1349	6000	29	13
0.4 HP (0.3 kW)	52	2.2	487	55	BG10-../D06LA4	31.52	360	1600	495	2200	29	13
0.4 HP (0.3 kW)	51	0.8	496	56	BG06-../D05LA4	32.22	200	890	-	-	18	8.0
0.4 HP (0.3 kW)	47.5	2.5	531	60	BG15-../D06LA4	34.20	674	3000	1349	6000	29	13
0.4 HP (0.3 kW)	46.5	1.95	540	61	BG10-../D06LA4	34.92	380	1690	528	2350	29	13
0.4 HP (0.3 kW)	44	3.1	575	65	BG20-../D06LA4	37.02	967	4300	-	-	35	16
0.4 HP (0.3 kW)	43	2.3	584	66	BG15-../D06LA4	37.90	674	3000	1349	6000	29	13
0.4 HP (0.3 kW)	41	1.75	611	69	BG10-../D06LA4	39.70	400	1780	551	2450	29	13
0.4 HP (0.3 kW)	39	2.7	646	73	BG20-../D06LA4	41.76	1012	4500	-	-	35	16
0.4 HP (0.3 kW)	37	1.55	682	77	BG10-../D06LA4	43.99	423	1880	585	2600	29	13
0.4 HP (0.3 kW)	35	1.5	717	81	BG10-../D06LA4	46.55	432	1920	596	2650	29	13
0.4 HP (0.3 kW)	35	2.5	717	81	BG20-../D06LA4	46.38	1057	4700	-	-	35	16
0.4 HP (0.3 kW)	34	2.4	743	84	BG20-../D06LA4	47.92	1068	4750	-	-	35	16
0.4 HP (0.3 kW)	31.5	1.35	797	90	BG10-../D06LA4	51.57	450	2000	629	2800	29	13
0.4 HP (0.3 kW)	31	3.3	814	92	BG30-../D06LA4	52.44	1349	6000	-	-	44	20
0.4 HP (0.3 kW)	30.5	2.2	823	93	BG20-../D06LA4	53.22	1113	4950	-	-	35	16
0.4 HP (0.3 kW)	28.5	1.2	885	100	BG10-../D06LA4	57.48	450	2000	629	2800	29	13

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

0.4 HP (0.3 kW)



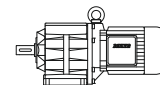
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.4 HP (0.3 kW)	28	2.9	903	102	BG30-../D06LA4	58.18	1349	6000	-	-	44	20
0.4 HP (0.3 kW)	27.5	1.9	920	104	BG20-../D06LA4	59.07	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	27	2.8	938	106	BG30-../D06LA4	60.79	1349	6000	-	-	44	20
0.4 HP (0.3 kW)	25.5	1.05	991	112	BG10-../D06LA4	63.69	450	2000	629	2800	29	13
0.4 HP (0.3 kW)	25	1.05	1009	114	BG10-../D06LA4	66.00	450	2000	629	2800	29	13
0.4 HP (0.3 kW)	25	1.75	1009	114	BG20-../D06LA4	65.62	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	24.5	2.6	1027	116	BG30-../D06LA4	67.44	1349	6000	-	-	44	20
0.4 HP (0.3 kW)	24	1.7	1053	119	BG20Z-../D06LA4	67.53	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	22.5	0.94	1124	127	BG10-../D06LA4	73.13	450	2000	629	2800	29	13
0.4 HP (0.3 kW)	22.5	2.4	1124	127	BG30Z-../D06LA4	73.51	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	22	1.55	1151	130	BG20Z-../D06LA4	75.00	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	22	3.3	1151	130	BG40Z-../D06LA4	75.19	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	21	0.88	1204	136	BG10Z-../D06LA4	77.40	450	2000	629	2800	31	14
0.4 HP (0.3 kW)	21	1.45	1204	136	BG20Z-../D06LA4	78.60	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	20	2.1	1266	143	BG30Z-../D06LA4	81.55	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	20	3.0	1266	143	BG40Z-../D06LA4	82.00	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	19	0.8	1328	150	BG10Z-../D06LA4	85.76	450	2000	629	2800	31	14
0.4 HP (0.3 kW)	19	1.35	1328	150	BG20Z-../D06LA4	87.30	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	19	2.0	1328	150	BG30Z-../D06LA4	86.13	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	18	2.7	1407	159	BG40Z-../D06LA4	91.02	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	17.5	1.25	1443	163	BG20Z-../D06LA4	94.27	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	17	1.8	1487	168	BG30Z-../D06LA4	95.55	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	17	2.5	1487	168	BG40Z-../D06LA4	96.86	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	15.5	1.1	1629	184	BG20Z-../D06LA4	104.7	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	15.5	2.3	1629	184	BG40Z-../D06LA4	107.5	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	15	1.55	1690	191	BG30Z-../D06LA4	109.6	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	14.5	1.0	1744	197	BG20Z-../D06LA4	112.8	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	13.5	2.0	1859	210	BG40Z-../D06LA4	121.3	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	13	0.91	1947	220	BG20Z-../D06LA4	125.3	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	13	1.35	1947	220	BG30Z-../D06LA4	128.5	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	13	2.9	1947	220	BG50Z-../D06LA4	128.9	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	12.5	1.9	1991	225	BG40Z-../D06LA4	134.6	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	11.5	0.82	2168	245	BG20Z-../D06LA4	141.3	1124	5000	-	-	35	16
0.4 HP (0.3 kW)	11.5	1.2	2168	245	BG30Z-../D06LA4	142.5	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	11.5	1.75	2168	245	BG40Z-../D06LA4	141.4	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	11.5	2.6	2168	245	BG50Z-../D06LA4	142.9	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	11	1.15	2301	260	BG30Z-../D06LA4	151.5	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	10.5	1.55	2390	270	BG40Z-../D06LA4	156.9	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	9.9	2.2	2522	285	BG50Z-../D06LA4	164.9	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	9.8	1.45	2567	290	BG40Z-../D06LA4	166.1	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	9.7	1.0	2611	295	BG30Z-../D06LA4	168.1	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	8.9	0.94	2832	320	BG30Z-../D06LA4	182.9	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	8.9	1.95	2832	320	BG50Z-../D06LA4	182.8	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	8.8	1.3	2876	325	BG40Z-../D06LA4	184.4	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	8.2	1.25	3054	345	BG40Z-../D06LA4	199.9	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	8.0	0.85	3142	355	BG30Z-../D06LA4	202.9	1349	6000	-	-	49	22
0.4 HP (0.3 kW)	8.0	1.75	3142	355	BG50Z-../D06LA4	204.7	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	7.4	1.1	3408	385	BG40Z-../D06LA4	221.9	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	7.2	1.6	3496	395	BG50Z-../D06LA4	226.9	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	6.6	0.99	3806	430	BG40Z-../D06LA4	246.5	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	6.3	1.4	3983	450	BG50Z-../D06LA4	258.6	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	6.0	0.89	4204	475	BG40Z-../D06LA4	273.6	1574	7000	-	-	84	38
0.4 HP (0.3 kW)	5.7	1.15	3629	410	BG40G10-../D06LA4	288.6	1574	7000	-	-	95	43
0.4 HP (0.3 kW)	5.7	1.25	4425	500	BG50Z-../D06LA4	286.7	2248	10000	-	-	104	47
0.4 HP (0.3 kW)	5.3	3.2	3629	410	BG60G20-../D06LA4	306.1	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	4.9	3.0	3894	440	BG60G20-../D06LA4	334.3	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	4.7	1.35	4514	510	BG50G10-../D06LA4	351.7	2248	10000	-	-	112	51
0.4 HP (0.3 kW)	4.6	0.89	4602	520	BG40G10-../D06LA4	353.5	1574	7000	-	-	95	43

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

BG-series helical-geared motors

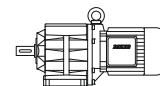
Selection helical-geared motors

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)	4.4	2.6	4381	495	BG60G20-../D06LA4	370.5	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	3.8	2.2	5133	580	BG60G20-../D06LA4	437.3	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	3.7	1.05	5841	660	BG50G10-../D06LA4	446.5	2248	10000	-	-	112	51
0.4 HP (0.3 kW)	3.3	1.85	6284	710	BG60G20-../D06LA4	504.9	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	3.1	0.86	7081	800	BG50G10-../D06LA4	531.5	2248	10000	-	-	112	51
0.4 HP (0.3 kW)	2.9	1.6	7258	820	BG60G20-../D06LA4	559.5	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	2.9	3.0	7435	840	BG70G20-../D06LA4	577.3	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	2.5	1.35	8674	980	BG60G20-../D06LA4	651.3	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	2.5	2.6	8585	970	BG70G20-../D06LA4	665.8	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	2.1	1.1	10267	1160	BG60G20-../D06LA4	804.5	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	2.1	2.2	10267	1160	BG70G20-../D06LA4	790.2	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.9	1.0	11329	1280	BG60G20-../D06LA4	891.5	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	1.9	1.9	11506	1300	BG70G20-../D06LA4	877.6	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.6	0.84	13719	1550	BG60G20-../D06LA4	1051	3597	16000	-	-	220	100
0.4 HP (0.3 kW)	1.6	1.6	13896	1570	BG70G20-../D06LA4	1035	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.4	1.4	16020	1810	BG70G20-../D06LA4	1193	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.2	1.2	18587	2100	BG70G20-../D06LA4	1389	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.1	1.05	20799	2350	BG70G20-../D06LA4	1543	4496	20000	-	-	287	130
0.4 HP (0.3 kW)	1.0	0.96	23012	2600	BG70G20-../D06LA4	1666	4496	20000	-	-	287	130

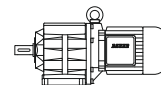
0.5 HP (0.37 kW)



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)	620	1.6	50	5.6	BG05-../D07LA4	2.64	94	420	-	-	19	8.5
0.5 HP (0.37 kW)	480	1.35	65	7.3	BG05-../D07LA4	3.38	103	460	-	-	19	8.5
0.5 HP (0.37 kW)	430	2.4	73	8.2	BG06-../D07LA4	3.78	117	520	-	-	21	9.5
0.5 HP (0.37 kW)	360	2.2	87	9.8	BG06-../D07LA4	4.54	119	530	-	-	21	9.5
0.5 HP (0.37 kW)	355	1.2	88	9.9	BG05-../D07LA4	4.59	110	490	-	-	19	8.5
0.5 HP (0.37 kW)	300	1.2	104	11.7	BG05-../D07LA4	5.46	110	490	-	-	19	8.5
0.5 HP (0.37 kW)	275	1.9	113	12.8	BG06-../D07LA4	5.96	128	570	-	-	21	9.5
0.5 HP (0.37 kW)	270	1.3	115	13	BG05-../D07LA4	6.09	108	480	-	-	19	8.5
0.5 HP (0.37 kW)	250	1.15	125	14.1	BG05-../D07LA4	6.60	115	510	-	-	19	8.5
0.5 HP (0.37 kW)	245	1.2	127	14.4	BG05-../D07LA4	6.64	112	500	-	-	19	8.5
0.5 HP (0.37 kW)	235	1.75	133	15	BG06-../D07LA4	7.01	130	580	-	-	21	9.5
0.5 HP (0.37 kW)	210	1.05	149	16.8	BG05-../D07LA4	7.80	119	530	-	-	19	8.5
0.5 HP (0.37 kW)	199	1.0	157	17.7	BG05-../D07LA4	8.15	115	510	-	-	19	8.5
0.5 HP (0.37 kW)	194	1.55	161	18.2	BG06-../D07LA4	8.39	135	600	-	-	21	9.5
0.5 HP (0.37 kW)	191	1.05	164	18.5	BG05-../D07LA4	8.51	124	550	-	-	19	8.5
0.5 HP (0.37 kW)	173	1.5	177	20	BG06-../D07LA4	9.38	144	640	-	-	21	9.5
0.5 HP (0.37 kW)	159	1.4	195	22	BG06-../D07LA4	10.24	144	640	-	-	21	9.5
0.5 HP (0.37 kW)	153	0.87	204	23	BG05-../D07LA4	10.59	133	590	-	-	19	8.5
0.5 HP (0.37 kW)	144	1.3	217	24.5	BG06-../D07LA4	11.28	151	670	-	-	21	9.5
0.5 HP (0.37 kW)	141	0.84	221	25	BG05-../D07LA4	11.55	135	600	-	-	19	8.5
0.5 HP (0.37 kW)	135	0.81	230	26	BG05-../D07LA4	12.05	115	510	-	-	19	8.5
0.5 HP (0.37 kW)	132	1.25	235	26.5	BG06-../D07LA4	12.30	151	670	-	-	21	9.5
0.5 HP (0.37 kW)	129	0.81	239	27	BG05-../D07LA4	12.60	137	610	-	-	19	8.5
0.5 HP (0.37 kW)	125	1.2	248	28	BG06-../D07LA4	12.98	135	600	-	-	21	9.5
0.5 HP (0.37 kW)	110	1.05	283	32	BG06-../D07LA4	14.78	164	730	-	-	21	9.5
0.5 HP (0.37 kW)	101	1.0	305	34.5	BG06-../D07LA4	16.13	166	740	-	-	21	9.5
0.5 HP (0.37 kW)	94	1.0	332	37.5	BG06-../D07LA4	17.40	171	760	-	-	21	9.5
0.5 HP (0.37 kW)	88	3.0	354	40	BG10-../D07LA4	18.51	272	1210	380	1690	29	13

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

0.5 HP (0.37 kW)



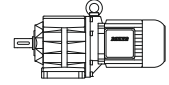
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	86	0.98	363	41	BG06-../D07LA4	18.98	173	770	-	-	21	9.5
0.5 HP (0.37 kW)	79	2.7	394	44.5	BG10-../D07LA4	20.51	290	1290	405	1800	29	13
0.5 HP (0.37 kW)	78	0.89	398	45	BG06-../D07LA4	20.82	180	800	-	-	21	9.5
0.5 HP (0.37 kW)	74	2.5	420	47.5	BG10-../D07LA4	22.04	299	1330	418	1860	29	13
0.5 HP (0.37 kW)	72	0.88	434	49	BG06-../D07LA4	22.71	182	810	-	-	21	9.5
0.5 HP (0.37 kW)	67	2.3	460	52	BG10-../D07LA4	24.42	317	1410	443	1970	29	13
0.5 HP (0.37 kW)	64	0.82	487	55	BG06-../D07LA4	25.48	191	850	-	-	21	9.5
0.5 HP (0.37 kW)	62	2.1	496	56	BG10-../D07LA4	26.26	328	1460	450	2000	29	13
0.5 HP (0.37 kW)	60	2.6	513	58	BG15-../D07LA4	27.08	674	3000	1349	6000	29	13
0.5 HP (0.37 kW)	56	1.9	558	63	BG10-../D07LA4	29.09	346	1540	483	2150	29	13
0.5 HP (0.37 kW)	54	2.3	575	65	BG15-../D07LA4	30.08	674	3000	1349	6000	29	13
0.5 HP (0.37 kW)	53	3.0	584	66	BG20-../D07LA4	30.94	899	4000	-	-	35	16
0.5 HP (0.37 kW)	52	1.8	593	67	BG10-../D07LA4	31.52	360	1600	495	2200	29	13
0.5 HP (0.37 kW)	49	2.8	637	72	BG20-../D07LA4	33.33	922	4100	-	-	35	16
0.5 HP (0.37 kW)	47.5	2.0	655	74	BG15-../D07LA4	34.20	674	3000	1349	6000	29	13
0.5 HP (0.37 kW)	46.5	1.6	664	75	BG10-../D07LA4	34.92	380	1690	528	2350	29	13
0.5 HP (0.37 kW)	44	2.5	708	80	BG20-../D07LA4	37.02	967	4300	-	-	35	16
0.5 HP (0.37 kW)	43	1.85	726	82	BG15-../D07LA4	37.90	674	3000	1349	6000	29	13
0.5 HP (0.37 kW)	41	1.4	761	86	BG10-../D07LA4	39.70	400	1780	551	2450	29	13
0.5 HP (0.37 kW)	39	2.2	797	90	BG20-../D07LA4	41.76	1012	4500	-	-	35	16
0.5 HP (0.37 kW)	38.5	3.3	805	91	BG30-../D07LA4	42.46	1326	5900	-	-	44	20
0.5 HP (0.37 kW)	37	1.25	841	95	BG10-../D07LA4	43.99	423	1880	585	2600	29	13
0.5 HP (0.37 kW)	35	1.2	885	100	BG10-../D07LA4	46.55	432	1920	596	2650	29	13
0.5 HP (0.37 kW)	35	2.0	885	100	BG20-../D07LA4	46.38	1057	4700	-	-	35	16
0.5 HP (0.37 kW)	34.5	2.9	903	102	BG30-../D07LA4	47.11	1349	6000	-	-	44	20
0.5 HP (0.37 kW)	34	1.95	912	103	BG20-../D07LA4	47.92	1068	4750	-	-	35	16
0.5 HP (0.37 kW)	31.5	1.05	991	112	BG10-../D07LA4	51.57	450	2000	629	2800	29	13
0.5 HP (0.37 kW)	31	2.7	1000	113	BG30-../D07LA4	52.44	1349	6000	-	-	44	20
0.5 HP (0.37 kW)	30.5	1.75	1018	115	BG20-../D07LA4	53.22	1113	4950	-	-	35	16
0.5 HP (0.37 kW)	28.5	0.98	1089	123	BG10-../D07LA4	57.48	450	2000	629	2800	29	13
0.5 HP (0.37 kW)	28	2.4	1115	126	BG30-../D07LA4	58.18	1349	6000	-	-	44	20
0.5 HP (0.37 kW)	27.5	1.55	1133	128	BG20-../D07LA4	59.07	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	27	2.3	1151	130	BG30-../D07LA4	60.79	1349	6000	-	-	44	20
0.5 HP (0.37 kW)	25.5	0.87	1221	138	BG10-../D07LA4	63.69	450	2000	629	2800	29	13
0.5 HP (0.37 kW)	25	0.85	1248	141	BG10-../D07LA4	66.00	450	2000	629	2800	29	13
0.5 HP (0.37 kW)	25	1.4	1248	141	BG20-../D07LA4	65.62	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	24.5	2.1	1275	144	BG30-../D07LA4	67.44	1349	6000	-	-	44	20
0.5 HP (0.37 kW)	24	1.35	1301	147	BG20Z-../D07LA4	67.53	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	24	2.9	1301	147	BG40Z-../D07LA4	67.74	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	22.5	1.9	1390	157	BG30Z-../D07LA4	73.51	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	22	1.25	1416	160	BG20Z-../D07LA4	75.00	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	22	2.7	1416	160	BG40Z-../D07LA4	75.19	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	21	1.2	1487	168	BG20Z-../D07LA4	78.60	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	20	1.7	1558	176	BG30Z-../D07LA4	81.55	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	20	2.4	1558	176	BG40Z-../D07LA4	82.00	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	19	1.1	1637	185	BG20Z-../D07LA4	87.30	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	19	1.6	1637	185	BG30Z-../D07LA4	86.13	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	18	2.2	1735	196	BG40Z-../D07LA4	91.02	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	17.5	1.0	1770	200	BG20Z-../D07LA4	94.27	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	17	1.45	1814	205	BG30Z-../D07LA4	95.55	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	17	2.1	1814	205	BG40Z-../D07LA4	96.86	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	17	3.1	1814	205	BG50Z-../D07LA4	95.58	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	15.5	0.89	1991	225	BG20Z-../D07LA4	104.7	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	15.5	1.9	1991	225	BG40Z-../D07LA4	107.5	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	15.5	2.8	1991	225	BG50Z-../D07LA4	106.0	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	15	1.3	2080	235	BG30Z-../D07LA4	109.6	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	14.5	0.83	2124	240	BG20Z-../D07LA4	112.8	1124	5000	-	-	35	16
0.5 HP (0.37 kW)	13.5	1.65	2301	260	BG40Z-../D07LA4	121.3	1574	7000	-	-	84	38

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

BG-series helical-geared motors

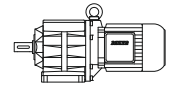
Selection helical-geared motors

0.5 HP (0.37 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
							Standard Bearings	Reinforced Bearings				
[kW]	RPM	SF	lbf-in	Nm			lb.f	N	lb.f	N	lb	kg
0.5 HP (0.37 kW)	13	1.1	2390	270	BG30Z-../D07LA4	128.5	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	13	2.3	2390	270	BG50Z-../D07LA4	128.9	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	12.5	1.5	2478	280	BG40Z-../D07LA4	134.6	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	11.5	0.98	2699	305	BG30Z-../D07LA4	142.5	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	11.5	1.4	2699	305	BG40Z-../D07LA4	141.4	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	11.5	2.1	2699	305	BG50Z-../D07LA4	142.9	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	11	0.94	2832	320	BG30Z-../D07LA4	151.5	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	10.5	1.25	2965	335	BG40Z-../D07LA4	156.9	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	9.9	1.75	3142	355	BG50Z-../D07LA4	164.9	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	9.8	1.2	3186	360	BG40Z-../D07LA4	166.1	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	9.7	0.83	3186	360	BG30Z-../D07LA4	168.1	1349	6000	-	-	49	22
0.5 HP (0.37 kW)	8.9	1.6	3496	395	BG50Z-../D07LA4	182.8	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	8.8	1.05	3540	400	BG40Z-../D07LA4	184.4	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	8.2	0.99	3806	430	BG40Z-../D07LA4	199.9	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	8.0	1.45	3894	440	BG50Z-../D07LA4	204.7	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	7.4	0.89	4204	475	BG40Z-../D07LA4	221.9	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	7.2	1.3	4337	490	BG50Z-../D07LA4	226.9	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	6.6	0.8	4691	530	BG40Z-../D07LA4	246.5	1574	7000	-	-	84	38
0.5 HP (0.37 kW)	6.3	1.15	4956	560	BG50Z-../D07LA4	258.6	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	5.9	2.7	4248	480	BG60G20-../D07LA4	276.2	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	5.7	0.89	4602	520	BG40G10-../D07LA4	288.6	1574	7000	-	-	95	43
0.5 HP (0.37 kW)	5.7	1.05	5399	610	BG50Z-../D07LA4	286.7	2248	10000	-	-	104	47
0.5 HP (0.37 kW)	5.3	2.5	4691	530	BG60G20-../D07LA4	306.1	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	4.9	2.2	5133	580	BG60G20-../D07LA4	334.3	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	4.7	1.05	5753	650	BG50G10-../D07LA4	351.7	2248	10000	-	-	112	51
0.5 HP (0.37 kW)	4.4	2.0	5664	640	BG60G20-../D07LA4	370.5	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	3.9	3.2	6904	780	BG70G20-../D07LA4	417.8	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	3.8	1.7	6727	760	BG60G20-../D07LA4	437.3	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	3.7	0.82	7435	840	BG50G10-../D07LA4	446.5	2248	10000	-	-	112	51
0.5 HP (0.37 kW)	3.3	1.4	8143	920	BG60G20-../D07LA4	504.9	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	3.3	2.7	8143	920	BG70G20-../D07LA4	495.9	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	2.9	1.25	9293	1050	BG60G20-../D07LA4	559.5	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	2.9	2.3	9470	1070	BG70G20-../D07LA4	577.3	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	2.5	1.05	10975	1240	BG60G20-../D07LA4	651.3	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	2.5	2.0	10975	1240	BG70G20-../D07LA4	665.8	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	2.1	0.88	13011	1470	BG60G20-../D07LA4	804.5	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	2.1	1.7	13099	1480	BG70G20-../D07LA4	790.2	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	1.9	0.8	14427	1630	BG60G20-../D07LA4	891.5	3597	16000	-	-	220	100
0.5 HP (0.37 kW)	1.9	1.5	14604	1650	BG70G20-../D07LA4	877.6	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	1.6	1.25	17524	1980	BG70G20-../D07LA4	1035	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	1.4	1.1	19914	2250	BG70G20-../D07LA4	1193	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	1.2	0.93	23897	2700	BG70G20-../D07LA4	1389	4496	20000	-	-	287	130
0.5 HP (0.37 kW)	1.1	0.85	26110	2950	BG70G20-../D07LA4	1543	4496	20000	-	-	287	130

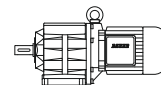
0.75 HP (0.55 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
							Standard Bearings	Reinforced Bearings				
[kW]	RPM	SF	lbf-in	Nm			lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	600	2.1	77	8.7	BG06-../D08MA4	2.82	106	470	-	-	35	16
0.75 HP (0.55 kW)	445	1.7	104	11.8	BG06-../D08MA4	3.78	117	520	-	-	35	16
0.75 HP (0.55 kW)	375	1.55	124	14	BG06-../D08MA4	4.54	119	530	-	-	35	16
0.75 HP (0.55 kW)	285	1.3	163	18.4	BG06-../D08MA4	5.96	128	570	-	-	35	16

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

0.75 HP (0.55 kW)



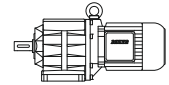
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	240	1.2	190	21.5	BG06-../D08MA4	7.01	130	580	-	-	35	16
0.75 HP (0.55 kW)	220	1.2	208	23.5	BG06-../D08MA4	7.65	130	580	-	-	35	16
0.75 HP (0.55 kW)	205	1.1	226	25.5	BG06-../D08MA4	8.39	135	600	-	-	35	16
0.75 HP (0.55 kW)	181	3.3	257	29	BG10-../D08MA4	9.33	214	950	299	1330	35	16
0.75 HP (0.55 kW)	180	1.05	257	29	BG06-../D08MA4	9.38	144	640	-	-	35	16
0.75 HP (0.55 kW)	165	0.98	279	31.5	BG06-../D08MA4	10.24	144	640	-	-	35	16
0.75 HP (0.55 kW)	163	3.1	283	32	BG10-../D08MA4	10.34	225	1000	315	1400	35	16
0.75 HP (0.55 kW)	149	0.91	310	35	BG06-../D08MA4	11.28	151	670	-	-	35	16
0.75 HP (0.55 kW)	141	2.8	327	37	BG10-../D08MA4	11.92	232	1030	324	1440	35	16
0.75 HP (0.55 kW)	137	0.87	336	38	BG06-../D08MA4	12.30	151	670	-	-	35	16
0.75 HP (0.55 kW)	130	0.83	354	40	BG06-../D08MA4	12.98	135	600	-	-	35	16
0.75 HP (0.55 kW)	128	2.7	363	41	BG10-../D08MA4	13.21	241	1070	335	1490	35	16
0.75 HP (0.55 kW)	116	2.5	398	45	BG10-../D08MA4	14.58	247	1100	346	1540	35	16
0.75 HP (0.55 kW)	105	2.3	443	50	BG10-../D08MA4	16.15	256	1140	357	1590	35	16
0.75 HP (0.55 kW)	91	2.1	504	57	BG10-../D08MA4	18.51	272	1210	380	1690	35	16
0.75 HP (0.55 kW)	85	3.2	540	61	BG20-../D08MA4	19.95	753	3350	-	-	42	19
0.75 HP (0.55 kW)	82	1.9	566	64	BG10-../D08MA4	20.51	290	1290	405	1800	35	16
0.75 HP (0.55 kW)	77	1.75	602	68	BG10-../D08MA4	22.04	299	1330	418	1860	35	16
0.75 HP (0.55 kW)	76	2.9	611	69	BG20-../D08MA4	22.16	787	3500	-	-	42	19
0.75 HP (0.55 kW)	73	2.8	628	71	BG20-../D08MA4	23.22	798	3550	-	-	42	19
0.75 HP (0.55 kW)	69	1.6	673	76	BG10-../D08MA4	24.42	317	1410	443	1970	35	16
0.75 HP (0.55 kW)	66	2.5	699	79	BG20-../D08MA4	25.79	832	3700	-	-	42	19
0.75 HP (0.55 kW)	64	1.45	726	82	BG10-../D08MA4	26.26	328	1460	450	2000	35	16
0.75 HP (0.55 kW)	63	1.8	735	83	BG15-../D08MA4	27.08	674	3000	1349	6000	35	16
0.75 HP (0.55 kW)	61	2.3	761	86	BG20-../D08MA4	27.85	854	3800	-	-	42	19
0.75 HP (0.55 kW)	58	1.35	797	90	BG10-../D08MA4	29.09	346	1540	483	2150	35	16
0.75 HP (0.55 kW)	57	3.3	814	92	BG30-../D08MA4	29.83	1169	5200	-	-	51	23
0.75 HP (0.55 kW)	56	1.6	823	93	BG15-../D08MA4	30.08	674	3000	1349	6000	35	16
0.75 HP (0.55 kW)	55	2.1	841	95	BG20-../D08MA4	30.94	899	4000	-	-	42	19
0.75 HP (0.55 kW)	54	1.25	859	97	BG10-../D08MA4	31.52	360	1600	495	2200	35	16
0.75 HP (0.55 kW)	51	1.95	903	102	BG20-../D08MA4	33.33	922	4100	-	-	42	19
0.75 HP (0.55 kW)	51	2.9	903	102	BG30-../D08MA4	33.09	1214	5400	-	-	51	23
0.75 HP (0.55 kW)	49.5	1.4	938	106	BG15-../D08MA4	34.20	674	3000	1349	6000	35	16
0.75 HP (0.55 kW)	48.5	1.1	956	108	BG10-../D08MA4	34.92	380	1690	528	2350	35	16
0.75 HP (0.55 kW)	48	2.8	965	109	BG30-../D08MA4	35.17	1236	5500	-	-	51	23
0.75 HP (0.55 kW)	45.5	1.75	1018	115	BG20-../D08MA4	37.02	967	4300	-	-	42	19
0.75 HP (0.55 kW)	44.5	1.25	1044	118	BG15-../D08MA4	37.90	674	3000	1349	6000	35	16
0.75 HP (0.55 kW)	43.5	2.5	1062	120	BG30-../D08MA4	39.02	1304	5800	-	-	51	23
0.75 HP (0.55 kW)	42.5	0.98	1089	123	BG10-../D08MA4	39.70	400	1780	551	2450	35	16
0.75 HP (0.55 kW)	40.5	1.55	1142	129	BG20-../D08MA4	41.76	1012	4500	-	-	42	19
0.75 HP (0.55 kW)	40	2.3	1159	131	BG30-../D08MA4	42.46	1326	5900	-	-	51	23
0.75 HP (0.55 kW)	38.5	0.88	1204	136	BG10-../D08MA4	43.99	423	1880	585	2600	35	16
0.75 HP (0.55 kW)	38	3.1	1221	138	BG40-../D08MA4	44.62	1574	7000	-	-	84	38
0.75 HP (0.55 kW)	36.5	0.84	1266	143	BG10-../D08MA4	46.55	432	1920	596	2650	35	16
0.75 HP (0.55 kW)	36.5	1.4	1266	143	BG20-../D08MA4	46.38	1057	4700	-	-	42	19
0.75 HP (0.55 kW)	36	2.1	1283	145	BG30-../D08MA4	47.11	1349	6000	-	-	51	23
0.75 HP (0.55 kW)	35.5	1.35	1301	147	BG20-../D08MA4	47.92	1068	4750	-	-	42	19
0.75 HP (0.55 kW)	35	2.8	1328	150	BG40-../D08MA4	48.36	1574	7000	-	-	84	38
0.75 HP (0.55 kW)	32.5	1.85	1425	161	BG30-../D08MA4	52.44	1349	6000	-	-	51	23
0.75 HP (0.55 kW)	32	1.2	1452	164	BG20-../D08MA4	53.22	1113	4950	-	-	42	19
0.75 HP (0.55 kW)	31.5	2.6	1469	166	BG40-../D08MA4	53.69	1574	7000	-	-	84	38
0.75 HP (0.55 kW)	29	1.65	1602	181	BG30-../D08MA4	58.18	1349	6000	-	-	51	23
0.75 HP (0.55 kW)	28.5	1.1	1629	184	BG20-../D08MA4	59.07	1124	5000	-	-	42	19
0.75 HP (0.55 kW)	28.5	2.3	1629	184	BG40-../D08MA4	59.64	1574	7000	-	-	84	38
0.75 HP (0.55 kW)	28	1.6	1655	187	BG30-../D08MA4	60.79	1349	6000	-	-	51	23
0.75 HP (0.55 kW)	26	1.0	1770	200	BG20-../D08MA4	65.62	1124	5000	-	-	42	19
0.75 HP (0.55 kW)	26	3.2	1770	200	BG50-../D08MA4	65.86	2248	10000	-	-	101	46
0.75 HP (0.55 kW)	25.5	2.1	1814	205	BG40-../D08MA4	66.20	1574	7000	-	-	84	38

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

BG-series helical-geared motors

Selection helical-geared motors

0.75 HP (0.55 kW)



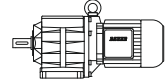
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	25	0.95	1859	210	BG20Z-../D08MA4	67.53	1124	5000	-	-	44	20
0.75 HP (0.55 kW)	25	1.45	1859	210	BG30-../D08MA4	67.44	1349	6000	-	-	51	23
0.75 HP (0.55 kW)	25	2.0	1859	210	BG40Z-../D08MA4	67.74	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	23.5	2.9	1947	220	BG50Z-../D08MA4	71.97	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	23	1.35	1991	225	BG30Z-../D08MA4	73.51	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	22.5	0.87	2036	230	BG20Z-../D08MA4	75.00	1124	5000	-	-	44	20
0.75 HP (0.55 kW)	22.5	1.85	2036	230	BG40Z-../D08MA4	75.19	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	21.5	0.83	2124	240	BG20Z-../D08MA4	78.60	1124	5000	-	-	44	20
0.75 HP (0.55 kW)	21.5	2.6	2124	240	BG50Z-../D08MA4	79.78	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	21	1.2	2213	250	BG30Z-../D08MA4	81.55	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	20.5	1.65	2257	255	BG40Z-../D08MA4	82.00	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	20	1.15	2301	260	BG30Z-../D08MA4	86.13	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	18.5	1.5	2478	280	BG40Z-../D08MA4	91.02	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	18	1.05	2567	290	BG30Z-../D08MA4	95.55	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	18	2.2	2567	290	BG50Z-../D08MA4	95.58	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	17.5	1.4	2655	300	BG40Z-../D08MA4	96.86	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	16	1.3	2876	325	BG40Z-../D08MA4	107.5	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	16	1.95	2876	325	BG50Z-../D08MA4	106.0	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	15.5	0.9	2965	335	BG30Z-../D08MA4	109.6	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	14.5	3.3	3186	360	BG60Z-../D08MA4	119.2	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	14	0.8	3319	375	BG30Z-../D08MA4	121.6	1349	6000	-	-	57	26
0.75 HP (0.55 kW)	14	1.15	3319	375	BG40Z-../D08MA4	121.3	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	13.5	1.65	3408	385	BG50Z-../D08MA4	128.9	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	13	3.0	3540	400	BG60Z-../D08MA4	132.1	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	12.5	1.0	3717	420	BG40Z-../D08MA4	134.6	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	12	0.98	3850	435	BG40Z-../D08MA4	141.4	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	12	1.45	3850	435	BG50Z-../D08MA4	142.9	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	11	0.89	4204	475	BG40Z-../D08MA4	156.9	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	11	2.5	4204	475	BG60Z-../D08MA4	158.0	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	10.5	0.85	4425	500	BG40Z-../D08MA4	166.1	1574	7000	-	-	93	42
0.75 HP (0.55 kW)	10.5	1.25	4425	500	BG50Z-../D08MA4	164.9	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	9.6	2.2	4779	540	BG60Z-../D08MA4	175.1	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	9.2	1.1	5045	570	BG50Z-../D08MA4	182.8	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	8.3	1.0	5576	630	BG50Z-../D08MA4	204.7	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	8.3	1.9	5576	630	BG60Z-../D08MA4	204.6	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	7.5	0.9	6196	700	BG50Z-../D08MA4	226.9	2248	10000	-	-	112	51
0.75 HP (0.55 kW)	7.5	1.7	6196	700	BG60Z-../D08MA4	226.7	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	6.8	1.55	6815	770	BG60Z-../D08MA4	247.7	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	6.8	3.0	6815	770	BG70Z-../D08MA4	249.8	4496	20000	-	-	300	136
0.75 HP (0.55 kW)	6.2	1.45	7435	840	BG60Z-../D08MA4	274.5	3597	16000	-	-	212	96
0.75 HP (0.55 kW)	6.1	1.75	6550	740	BG60G20-../D08MA4	276.2	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	5.9	0.86	7081	800	BG50G10-../D08MA4	287.1	2248	10000	-	-	121	55
0.75 HP (0.55 kW)	5.5	1.6	7258	820	BG60G20-../D08MA4	306.1	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	5.2	2.9	7700	870	BG70G20-../D08MA4	328.4	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	5.1	1.5	7789	880	BG60G20-../D08MA4	334.3	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	4.6	1.35	8674	980	BG60G20-../D08MA4	370.5	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	4.4	2.4	9205	1040	BG70G20-../D08MA4	387.6	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	4.1	2.2	10178	1150	BG70G20-../D08MA4	417.8	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	3.9	1.1	10444	1180	BG60G20-../D08MA4	437.3	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	3.4	0.94	12303	1390	BG60G20-../D08MA4	504.9	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	3.4	1.8	12303	1390	BG70G20-../D08MA4	495.9	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	3.1	0.86	13453	1520	BG60G20-../D08MA4	559.5	3597	16000	-	-	227	103
0.75 HP (0.55 kW)	3.0	1.55	14161	1600	BG70G20-../D08MA4	577.3	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	2.6	1.35	16374	1850	BG70G20-../D08MA4	665.8	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	2.6	3.0	13630	1540	BG80G40-../D08MA4	657.8	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	2.4	2.7	14958	1690	BG80G40-../D08MA4	730.3	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	2.2	1.15	19029	2150	BG70G20-../D08MA4	790.2	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	2.1	2.3	17436	1970	BG80G40-../D08MA4	817.4	5845	26000	-	-	474	215

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

BG-series helical-geared motors

Selection helical-geared motors

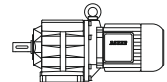
0.75 HP (0.55 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm			lb.f	N	lb.f	N	lb	kg
0.75 HP (0.55 kW)	2.0	1.05	21242	2400	BG70G20-../D08MA4	877.6	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	1.9	2.1	19472	2200	BG80G40-../D08MA4	907.6	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	1.7	0.88	25225	2850	BG70G20-../D08MA4	1035	4496	20000	-	-	293	133
0.75 HP (0.55 kW)	1.7	1.85	22127	2500	BG80G40-../D08MA4	1042	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	1.5	3.3	24782	2800	BG90G50-../D08MA4	1174	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	1.4	1.45	28322	3200	BG80G40-../D08MA4	1261	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	1.3	2.7	29650	3350	BG90G50-../D08MA4	1301	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	1.2	1.2	33633	3800	BG80G40-../D08MA4	1400	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	1.1	1.1	37173	4200	BG80G40-../D08MA4	1653	5845	26000	-	-	474	215
0.75 HP (0.55 kW)	1.1	2.2	36288	4100	BG90G50-../D08MA4	1583	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	1.0	2.0	40271	4550	BG90G50-../D08MA4	1756	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	0.85	1.65	48679	5500	BG90G50-../D08MA4	2026	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	0.7	1.35	60185	6800	BG90G50-../D08MA4	2514	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	0.65	1.25	65496	7400	BG90G50-../D08MA4	2786	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	0.65	3.2	50449	5700	BG100G50-../D08MA4	2656	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.6	2.8	57530	6500	BG100G50-../D08MA4	2952	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.55	1.05	77887	8800	BG90G50-../D08MA4	3177	14613	65000	-	-	714	324
0.75 HP (0.55 kW)	0.55	2.6	61955	7000	BG100G50-../D08MA4	3286	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.47	2.2	76116	8600	BG100G50-../D08MA4	3644	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.39	1.7	96473	10900	BG100G50-../D08MA4	4366	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.35	1.5	110634	12500	BG100G50-../D08MA4	4839	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.29	1.2	138072	15600	BG100G50-../D08MA4	5888	20233	90000	-	-	1129	512
0.75 HP (0.55 kW)	0.26	1.05	155773	17600	BG100G50-../D08MA4	6529	20233	90000	-	-	1129	512

6

1 HP (0.75 kW)



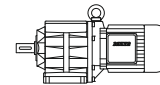
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
1 HP (0.75 kW)	620	1.55	102	11.5	BG06-../DPE08XB4	2.82	106	470	-	-	42	19
1 HP (0.75 kW)	460	1.3	137	15.5	BG06-../DPE08XB4	3.78	117	520	-	-	42	19
1 HP (0.75 kW)	385	1.2	165	18.6	BG06-../DPE08XB4	4.54	119	530	-	-	42	19
1 HP (0.75 kW)	295	1.0	212	24	BG06-../DPE08XB4	5.96	128	570	-	-	42	19
1 HP (0.75 kW)	255	3.1	248	28	BG10-../DPE08XB4	6.89	191	850	270	1200	42	19
1 HP (0.75 kW)	250	0.91	252	28.5	BG06-../DPE08XB4	7.01	130	580	-	-	42	19
1 HP (0.75 kW)	230	0.9	274	31	BG06-../DPE08XB4	7.65	130	580	-	-	42	19
1 HP (0.75 kW)	230	2.9	274	31	BG10-../DPE08XB4	7.63	202	900	281	1250	42	19
1 HP (0.75 kW)	215	2.7	292	33	BG10-../DPE08XB4	8.07	148	660	207	920	42	19
1 HP (0.75 kW)	210	0.82	301	34	BG06-../DPE08XB4	8.39	135	600	-	-	42	19
1 HP (0.75 kW)	186	2.5	341	38.5	BG10-../DPE08XB4	9.33	214	950	299	1330	42	19
1 HP (0.75 kW)	180	3.1	350	39.5	BG20-../DPE08XB4	9.65	506	2250	-	-	49	22
1 HP (0.75 kW)	168	2.3	376	42.5	BG10-../DPE08XB4	10.34	225	1000	315	1400	42	19
1 HP (0.75 kW)	149	3.3	425	48	BG20-../DPE08XB4	11.71	629	2800	-	-	49	22
1 HP (0.75 kW)	146	2.1	434	49	BG10-../DPE08XB4	11.92	232	1030	324	1440	42	19
1 HP (0.75 kW)	132	2.0	478	54	BG10-../DPE08XB4	13.21	241	1070	335	1490	42	19
1 HP (0.75 kW)	132	3.1	478	54	BG20-../DPE08XB4	13.21	652	2900	-	-	49	22
1 HP (0.75 kW)	119	1.9	531	60	BG10-../DPE08XB4	14.58	247	1100	346	1540	42	19
1 HP (0.75 kW)	119	2.9	531	60	BG20-../DPE08XB4	14.67	686	3050	-	-	49	22
1 HP (0.75 kW)	112	2.8	558	63	BG20-../DPE08XB4	15.58	697	3100	-	-	49	22
1 HP (0.75 kW)	108	1.75	584	66	BG10-../DPE08XB4	16.15	256	1140	357	1590	42	19
1 HP (0.75 kW)	101	2.6	620	70	BG20-../DPE08XB4	17.31	719	3200	-	-	49	22
1 HP (0.75 kW)	94	1.6	673	76	BG10-../DPE08XB4	18.51	272	1210	380	1690	42	19
1 HP (0.75 kW)	87	2.4	726	82	BG20-../DPE08XB4	19.95	753	3350	-	-	49	22

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

BG-series helical-geared motors

Selection helical-geared motors

1 HP (0.75 kW)



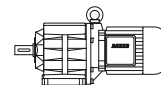
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
1 HP (0.75 kW)	85	1.45	743	84	BG10-../DPE08XB4	20.51	290	1290	405	1800	42	19
1 HP (0.75 kW)	79	1.35	797	90	BG10-../DPE08XB4	22.04	299	1330	418	1860	42	19
1 HP (0.75 kW)	79	2.2	797	90	BG20-../DPE08XB4	22.16	787	3500	-	-	49	22
1 HP (0.75 kW)	79	3.3	797	90	BG30-../DPE08XB4	22.18	1034	4600	-	-	57	26
1 HP (0.75 kW)	75	2.1	841	95	BG20-../DPE08XB4	23.22	798	3550	-	-	49	22
1 HP (0.75 kW)	72	1.2	876	99	BG10-../DPE08XB4	24.42	317	1410	443	1970	42	19
1 HP (0.75 kW)	69	2.9	912	103	BG30-../DPE08XB4	25.45	1090	4850	-	-	57	26
1 HP (0.75 kW)	68	1.9	929	105	BG20-../DPE08XB4	25.79	832	3700	-	-	49	22
1 HP (0.75 kW)	67	1.15	938	106	BG10-../DPE08XB4	26.26	328	1460	450	2000	42	19
1 HP (0.75 kW)	65	1.35	974	110	BG15-../DPE08XB4	27.08	674	3000	1349	6000	42	19
1 HP (0.75 kW)	63	1.75	1000	113	BG20-../DPE08XB4	27.85	854	3800	-	-	49	22
1 HP (0.75 kW)	62	2.6	1018	115	BG30-../DPE08XB4	28.24	1147	5100	-	-	57	26
1 HP (0.75 kW)	60	1.0	1053	119	BG10-../DPE08XB4	29.09	346	1540	483	2150	42	19
1 HP (0.75 kW)	59	2.5	1071	121	BG30-../DPE08XB4	29.83	1169	5200	-	-	57	26
1 HP (0.75 kW)	58	1.2	1089	123	BG15-../DPE08XB4	30.08	674	3000	1349	6000	42	19
1 HP (0.75 kW)	57	1.6	1106	125	BG20-../DPE08XB4	30.94	899	4000	-	-	49	22
1 HP (0.75 kW)	56	0.94	1124	127	BG10-../DPE08XB4	31.52	360	1600	495	2200	42	19
1 HP (0.75 kW)	54	3.2	1168	132	BG40-../DPE08XB4	32.57	1574	7000	-	-	90	41
1 HP (0.75 kW)	53	1.5	1195	135	BG20-../DPE08XB4	33.33	922	4100	-	-	49	22
1 HP (0.75 kW)	53	2.2	1195	135	BG30-../DPE08XB4	33.09	1214	5400	-	-	57	26
1 HP (0.75 kW)	51	1.05	1239	140	BG15-../DPE08XB4	34.20	674	3000	1349	6000	42	19
1 HP (0.75 kW)	51	3.0	1239	140	BG40-../DPE08XB4	34.20	1574	7000	-	-	90	41
1 HP (0.75 kW)	50	0.84	1266	143	BG10-../DPE08XB4	34.92	380	1690	528	2350	42	19
1 HP (0.75 kW)	49.5	2.1	1275	144	BG30-../DPE08XB4	35.17	1236	5500	-	-	57	26
1 HP (0.75 kW)	47	1.3	1345	152	BG20-../DPE08XB4	37.02	967	4300	-	-	49	22
1 HP (0.75 kW)	46	0.97	1372	155	BG15-../DPE08XB4	37.90	674	3000	1349	6000	42	19
1 HP (0.75 kW)	46	2.7	1372	155	BG40-../DPE08XB4	37.96	1574	7000	-	-	90	41
1 HP (0.75 kW)	44.5	1.9	1416	160	BG20-../DPE08XB4	39.02	1304	5800	-	-	57	26
1 HP (0.75 kW)	43.5	2.6	1452	164	BG40-../DPE08XB4	40.19	1574	7000	-	-	90	41
1 HP (0.75 kW)	42	1.2	1505	170	BG20-../DPE08XB4	41.76	1012	4500	-	-	49	22
1 HP (0.75 kW)	41	1.7	1540	174	BG30-../DPE08XB4	42.46	1326	5900	-	-	57	26
1 HP (0.75 kW)	39	2.3	1620	183	BG40-../DPE08XB4	44.62	1574	7000	-	-	90	41
1 HP (0.75 kW)	37.5	1.05	1690	191	BG20-../DPE08XB4	46.38	1057	4700	-	-	49	22
1 HP (0.75 kW)	37	1.55	1708	193	BG30-../DPE08XB4	47.11	1349	6000	-	-	57	26
1 HP (0.75 kW)	37	3.3	1708	193	BG50-../DPE08XB4	47.02	2248	10000	-	-	108	49
1 HP (0.75 kW)	36.5	1.0	1735	196	BG20-../DPE08XB4	47.92	1068	4750	-	-	49	22
1 HP (0.75 kW)	36	2.1	1752	198	BG40-../DPE08XB4	48.36	1574	7000	-	-	90	41
1 HP (0.75 kW)	33.5	1.45	1859	210	BG30-../DPE08XB4	52.44	1349	6000	-	-	57	26
1 HP (0.75 kW)	33.5	3.0	1859	210	BG50-../DPE08XB4	52.12	2248	10000	-	-	108	49
1 HP (0.75 kW)	33	0.93	1903	215	BG20-../DPE08XB4	53.22	1113	4950	-	-	49	22
1 HP (0.75 kW)	32.5	1.95	1947	220	BG40-../DPE08XB4	53.69	1574	7000	-	-	90	41
1 HP (0.75 kW)	30	1.3	2080	235	BG30-../DPE08XB4	58.18	1349	6000	-	-	57	26
1 HP (0.75 kW)	29.5	0.83	2124	240	BG20-../DPE08XB4	59.07	1124	5000	-	-	49	22
1 HP (0.75 kW)	29.5	1.75	2124	240	BG40-../DPE08XB4	59.64	1574	7000	-	-	90	41
1 HP (0.75 kW)	29.5	2.6	2124	240	BG50-../DPE08XB4	59.42	2248	10000	-	-	108	49
1 HP (0.75 kW)	29	1.2	2168	245	BG30-../DPE08XB4	60.79	1349	6000	-	-	57	26
1 HP (0.75 kW)	26.5	1.55	2390	270	BG40-../DPE08XB4	66.20	1574	7000	-	-	90	41
1 HP (0.75 kW)	26.5	2.3	2390	270	BG50-../DPE08XB4	65.86	2248	10000	-	-	108	49
1 HP (0.75 kW)	26	1.1	2434	275	BG30-../DPE08XB4	67.44	1349	6000	-	-	57	26
1 HP (0.75 kW)	26	1.55	2434	275	BG40Z-../DPE08XB4	67.74	1574	7000	-	-	97	44
1 HP (0.75 kW)	24.5	2.2	2567	290	BG50Z-../DPE08XB4	71.97	2248	10000	-	-	119	54
1 HP (0.75 kW)	24	1.0	2611	295	BG30Z-../DPE08XB4	73.51	1349	6000	-	-	64	29
1 HP (0.75 kW)	23.5	1.4	2655	300	BG40Z-../DPE08XB4	75.19	1574	7000	-	-	97	44
1 HP (0.75 kW)	22	1.95	2876	325	BG50Z-../DPE08XB4	79.78	2248	10000	-	-	119	54
1 HP (0.75 kW)	21.5	0.91	2921	330	BG30Z-../DPE08XB4	81.55	1349	6000	-	-	64	29
1 HP (0.75 kW)	21.5	1.3	2921	330	BG40Z-../DPE08XB4	82.00	1574	7000	-	-	97	44
1 HP (0.75 kW)	20.5	0.87	3054	345	BG30Z-../DPE08XB4	86.13	1349	6000	-	-	64	29
1 HP (0.75 kW)	19.5	1.15	3231	365	BG40Z-../DPE08XB4	91.02	1574	7000	-	-	97	44

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

BG-series helical-geared motors

Selection helical-geared motors

1 HP (0.75 kW)



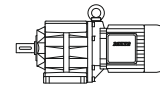
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
1 HP (0.75 kW)	19.5	3.3	3231	365	BG60Z-../DPE08XB4	91.09	3597	16000	-	-	218	99
1 HP (0.75 kW)	18.5	1.65	3408	385	BG50Z-../DPE08XB4	95.58	2248	10000	-	-	119	54
1 HP (0.75 kW)	18	1.1	3496	395	BG40Z-../DPE08XB4	96.86	1574	7000	-	-	97	44
1 HP (0.75 kW)	17.5	3.0	3585	405	BG60Z-../DPE08XB4	101.0	3597	16000	-	-	218	99
1 HP (0.75 kW)	16.5	0.99	3806	430	BG40Z-../DPE08XB4	107.5	1574	7000	-	-	97	44
1 HP (0.75 kW)	16.5	1.45	3806	430	BG50Z-../DPE08XB4	106.0	2248	10000	-	-	119	54
1 HP (0.75 kW)	15	2.5	4204	475	BG60Z-../DPE08XB4	119.2	3597	16000	-	-	218	99
1 HP (0.75 kW)	14.5	0.87	4337	490	BG40Z-../DPE08XB4	121.3	1574	7000	-	-	97	44
1 HP (0.75 kW)	13.5	1.2	4691	530	BG50Z-../DPE08XB4	128.9	2248	10000	-	-	119	54
1 HP (0.75 kW)	13.5	2.3	4691	530	BG60Z-../DPE08XB4	132.1	3597	16000	-	-	218	99
1 HP (0.75 kW)	12.5	1.1	5045	570	BG50Z-../DPE08XB4	142.9	2248	10000	-	-	119	54
1 HP (0.75 kW)	11	0.97	5753	650	BG50Z-../DPE08XB4	164.9	2248	10000	-	-	119	54
1 HP (0.75 kW)	11	1.85	5753	650	BG60Z-../DPE08XB4	158.0	3597	16000	-	-	218	99
1 HP (0.75 kW)	10	1.7	6284	710	BG60Z-../DPE08XB4	175.1	3597	16000	-	-	218	99
1 HP (0.75 kW)	9.5	0.84	6638	750	BG50Z-../DPE08XB4	182.8	2248	10000	-	-	119	54
1 HP (0.75 kW)	9.0	2.9	6992	790	BG70Z-../DPE08XB4	194.4	4496	20000	-	-	304	138
1 HP (0.75 kW)	8.5	1.45	7435	840	BG60Z-../DPE08XB4	204.6	3597	16000	-	-	218	99
1 HP (0.75 kW)	8.3	2.7	7612	860	BG70Z-../DPE08XB4	210.5	4496	20000	-	-	304	138
1 HP (0.75 kW)	7.7	1.3	8231	930	BG60Z-../DPE08XB4	226.7	3597	16000	-	-	218	99
1 HP (0.75 kW)	7.1	1.2	8851	1000	BG60Z-../DPE08XB4	247.7	3597	16000	-	-	218	99
1 HP (0.75 kW)	7.0	2.3	9028	1020	BG70Z-../DPE08XB4	249.8	4496	20000	-	-	304	138
1 HP (0.75 kW)	6.8	2.7	8320	940	BG70G20-../DPE08XB4	255.5	4496	20000	-	-	300	136
1 HP (0.75 kW)	6.4	1.1	9824	1110	BG60Z-../DPE08XB4	274.5	3597	16000	-	-	218	99
1 HP (0.75 kW)	6.3	1.25	9028	1020	BG60G20-../DPE08XB4	276.2	3597	16000	-	-	234	106
1 HP (0.75 kW)	6.3	2.5	9028	1020	BG70G20-../DPE08XB4	276.7	4496	20000	-	-	300	136
1 HP (0.75 kW)	5.7	1.15	9913	1120	BG60G20-../DPE08XB4	306.1	3597	16000	-	-	234	106
1 HP (0.75 kW)	5.3	2.1	10709	1210	BG70G20-../DPE08XB4	328.4	4496	20000	-	-	300	136
1 HP (0.75 kW)	5.2	1.05	10886	1230	BG60G20-../DPE08XB4	334.3	3597	16000	-	-	234	106
1 HP (0.75 kW)	4.7	0.96	12037	1360	BG60G20-../DPE08XB4	370.5	3597	16000	-	-	234	106
1 HP (0.75 kW)	4.5	1.75	12745	1440	BG70G20-../DPE08XB4	387.6	4496	20000	-	-	300	136
1 HP (0.75 kW)	4.2	1.6	13984	1580	BG70G20-../DPE08XB4	417.8	4496	20000	-	-	300	136
1 HP (0.75 kW)	4.0	0.8	14338	1620	BG60G20-../DPE08XB4	437.3	3597	16000	-	-	234	106
1 HP (0.75 kW)	4.0	3.2	12834	1450	BG80G40-../DPE08XB4	436.2	5845	26000	-	-	481	218
1 HP (0.75 kW)	3.6	2.9	14250	1610	BG80G40-../DPE08XB4	484.3	5845	26000	-	-	481	218
1 HP (0.75 kW)	3.5	1.3	16816	1900	BG70G20-../DPE08XB4	495.9	4496	20000	-	-	300	136
1 HP (0.75 kW)	3.1	1.15	19029	2150	BG70G20-../DPE08XB4	577.3	4496	20000	-	-	300	136
1 HP (0.75 kW)	3.1	2.4	17082	1930	BG80G40-../DPE08XB4	572.0	5845	26000	-	-	481	218
1 HP (0.75 kW)	2.7	1.0	21684	2450	BG70G20-../DPE08XB4	665.8	4496	20000	-	-	300	136
1 HP (0.75 kW)	2.7	2.1	19029	2150	BG80G40-../DPE08XB4	657.8	5845	26000	-	-	481	218
1 HP (0.75 kW)	2.4	1.9	21684	2450	BG80G40-../DPE08XB4	730.3	5845	26000	-	-	481	218
1 HP (0.75 kW)	2.2	0.82	26995	3050	BG70G20-../DPE08XB4	790.2	4496	20000	-	-	300	136
1 HP (0.75 kW)	2.2	1.7	23897	2700	BG80G40-../DPE08XB4	817.4	5845	26000	-	-	481	218
1 HP (0.75 kW)	2.0	1.55	26552	3000	BG80G40-../DPE08XB4	907.6	5845	26000	-	-	481	218
1 HP (0.75 kW)	2.0	3.2	25667	2900	BG90G50-../DPE08XB4	883.7	14613	65000	-	-	723	328
1 HP (0.75 kW)	1.7	1.25	32305	3650	BG80G40-../DPE08XB4	1042	5845	26000	-	-	481	218
1 HP (0.75 kW)	1.5	2.2	36288	4100	BG90G50-../DPE08XB4	1174	14613	65000	-	-	723	328
1 HP (0.75 kW)	1.4	1.0	40271	4550	BG80G40-../DPE08XB4	1261	5845	26000	-	-	481	218
1 HP (0.75 kW)	1.4	2.1	38943	4400	BG90G50-../DPE08XB4	1301	14613	65000	-	-	723	328
1 HP (0.75 kW)	1.3	0.93	43811	4950	BG80G40-../DPE08XB4	1400	5845	26000	-	-	481	218
1 HP (0.75 kW)	1.1	1.6	51334	5800	BG90G50-../DPE08XB4	1583	14613	65000	-	-	723	328
1 HP (0.75 kW)	1.0	1.45	56645	6400	BG90G50-../DPE08XB4	1756	14613	65000	-	-	723	328
1 HP (0.75 kW)	0.95	3.2	50449	5700	BG100G50-../DPE08XB4	1867	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.9	1.3	63725	7200	BG90G50-../DPE08XB4	2026	14613	65000	-	-	723	328
1 HP (0.75 kW)	0.85	2.9	55760	6300	BG100G50-../DPE08XB4	2154	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.7	2.4	69036	7800	BG100G50-../DPE08XB4	2656	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.6	1.95	84967	9600	BG100G50-../DPE08XB4	2952	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.55	1.75	92933	10500	BG100G50-../DPE08XB4	3286	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.48	1.5	109749	12400	BG100G50-../DPE08XB4	3644	20233	90000	-	-	1133	514

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

BG-series helical-geared motors

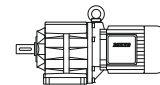
Selection helical-geared motors

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)	0.4	1.2	136301	15400	BG100G50-../DPE08XB4	4366	20233	90000	-	-	1133	514
1 HP (0.75 kW)	0.36	1.05	153118	17300	BG100G50-../DPE08XB4	4839	20233	90000	-	-	1133	514

1.5 HP (1.1 kW)



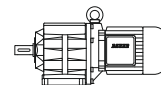
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
1.5 HP (1.1 kW)	700	3.7	133	15	BG10-../DPE09XB4	2.52	128	570	178	790	66	30
1.5 HP (1.1 kW)	520	3.1	177	20	BG10-../DPE09XB4	3.42	142	630	198	880	66	30
1.5 HP (1.1 kW)	405	2.7	226	25.5	BG10-../DPE09XB4	4.36	146	650	205	910	66	30
1.5 HP (1.1 kW)	330	2.4	279	31.5	BG10-../DPE09XB4	5.34	139	620	205	910	66	30
1.5 HP (1.1 kW)	275	3.2	336	38	BG20-../DPE09XB4	6.48	506	2250	-	-	71	32
1.5 HP (1.1 kW)	265	3.3	350	39.5	BG20-../DPE09XB4	6.73	528	2350	472	2100	71	32
1.5 HP (1.1 kW)	255	2.1	363	41	BG10-../DPE09XB4	6.89	191	850	270	1200	66	30
1.5 HP (1.1 kW)	235	2.0	394	44.5	BG10-../DPE09XB4	7.63	202	900	281	1250	66	30
1.5 HP (1.1 kW)	220	1.85	420	47.5	BG10-../DPE09XB4	8.07	148	660	207	920	66	30
1.5 HP (1.1 kW)	220	2.9	420	47.5	BG20-../DPE09XB4	8.02	562	2500	-	-	71	32
1.5 HP (1.1 kW)	215	2.5	429	48.5	BG20-../DPE09XB4	8.29	506	2250	-	-	71	32
1.5 HP (1.1 kW)	197	2.7	469	53	BG20-../DPE09XB4	8.91	585	2600	-	-	71	32
1.5 HP (1.1 kW)	189	1.75	487	55	BG10-../DPE09XB4	9.33	214	950	299	1330	66	30
1.5 HP (1.1 kW)	182	2.1	504	57	BG20-../DPE09XB4	9.65	506	2250	-	-	71	32
1.5 HP (1.1 kW)	170	1.6	540	61	BG10-../DPE09XB4	10.34	225	1000	315	1400	66	30
1.5 HP (1.1 kW)	167	2.5	549	62	BG20-../DPE09XB4	10.54	607	2700	-	-	71	32
1.5 HP (1.1 kW)	150	2.3	620	70	BG20-../DPE09XB4	11.71	629	2800	-	-	71	32
1.5 HP (1.1 kW)	148	1.5	620	70	BG10-../DPE09XB4	11.92	232	1030	324	1440	66	30
1.5 HP (1.1 kW)	133	1.4	690	78	BG10-../DPE09XB4	13.21	241	1070	335	1490	66	30
1.5 HP (1.1 kW)	133	2.1	690	78	BG20-../DPE09XB4	13.21	652	2900	-	-	71	32
1.5 HP (1.1 kW)	121	1.35	761	86	BG10-../DPE09XB4	14.58	247	1100	346	1540	66	30
1.5 HP (1.1 kW)	120	2.0	770	87	BG20-../DPE09XB4	14.67	686	3050	-	-	71	32
1.5 HP (1.1 kW)	115	3.3	805	91	BG30-../DPE09XB4	15.27	776	3450	-	-	82	37
1.5 HP (1.1 kW)	113	1.9	814	92	BG20-../DPE09XB4	15.58	697	3100	-	-	71	32
1.5 HP (1.1 kW)	109	1.2	850	96	BG10-../DPE09XB4	16.15	256	1140	357	1590	66	30
1.5 HP (1.1 kW)	103	3.0	894	101	BG30-../DPE09XB4	17.06	832	3700	-	-	82	37
1.5 HP (1.1 kW)	102	1.8	903	102	BG20-../DPE09XB4	17.31	719	3200	-	-	71	32
1.5 HP (1.1 kW)	95	1.1	974	110	BG10-../DPE09XB4	18.51	272	1210	380	1690	66	30
1.5 HP (1.1 kW)	93	2.7	991	112	BG30-../DPE09XB4	18.93	922	4100	-	-	82	37
1.5 HP (1.1 kW)	88	1.65	1053	119	BG20-../DPE09XB4	19.95	753	3350	-	-	71	32
1.5 HP (1.1 kW)	88	2.5	1053	119	BG30-../DPE09XB4	19.99	944	4200	-	-	82	37
1.5 HP (1.1 kW)	86	0.98	1080	122	BG10-../DPE09XB4	20.51	290	1290	405	1800	66	30
1.5 HP (1.1 kW)	80	0.92	1159	131	BG10-../DPE09XB4	22.04	299	1330	418	1860	66	30
1.5 HP (1.1 kW)	80	1.55	1159	131	BG20-../DPE09XB4	22.16	787	3500	-	-	71	32
1.5 HP (1.1 kW)	80	2.3	1159	131	BG30-../DPE09XB4	22.18	1034	4600	-	-	82	37
1.5 HP (1.1 kW)	80	3.2	1159	131	BG40-../DPE09XB4	22.02	1349	6000	-	-	112	51
1.5 HP (1.1 kW)	76	1.45	1221	138	BG20-../DPE09XB4	23.22	798	3550	-	-	71	32
1.5 HP (1.1 kW)	75	3.0	1239	140	BG40-../DPE09XB4	23.43	1394	6200	-	-	112	51
1.5 HP (1.1 kW)	72	0.83	1283	145	BG10-../DPE09XB4	24.42	317	1410	443	1970	66	30
1.5 HP (1.1 kW)	69	1.3	1345	152	BG20-../DPE09XB4	25.79	832	3700	-	-	71	32
1.5 HP (1.1 kW)	69	1.95	1345	152	BG30-../DPE09XB4	25.45	1090	4850	-	-	82	37
1.5 HP (1.1 kW)	68	2.8	1363	154	BG40-../DPE09XB4	26.01	1461	6500	-	-	112	51
1.5 HP (1.1 kW)	65	0.93	1425	161	BG15-../DPE09XB4	27.08	674	3000	1349	6000	66	30
1.5 HP (1.1 kW)	64	1.2	1452	164	BG20-../DPE09XB4	27.85	854	3800	-	-	71	32
1.5 HP (1.1 kW)	63	1.8	1469	166	BG30-../DPE09XB4	28.24	1147	5100	-	-	82	37

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

BG-series helical-geared motors

Selection helical-geared motors

1.5 HP (1.1 kW)



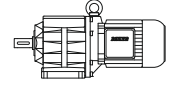
P _N			Output Torque		Type		Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
			[kW]	RPM			SF	lbf-in	Nm	i	lb.f	N
1.5 HP (1.1 kW)	60	2.4	1549	175	BG40-../DPE09XB4	29.34	1529	6800	-	-	112	51
1.5 HP (1.1 kW)	59	0.84	1575	178	BG15-../DPE09XB4	30.08	674	3000	1349	6000	66	30
1.5 HP (1.1 kW)	59	1.7	1575	178	BG30-../DPE09XB4	29.83	1169	5200	-	-	82	37
1.5 HP (1.1 kW)	57	1.1	1629	184	BG20-../DPE09XB4	30.94	899	4000	-	-	71	32
1.5 HP (1.1 kW)	54	1.55	1717	194	BG30-../DPE09XB4	33.09	1214	5400	-	-	82	37
1.5 HP (1.1 kW)	54	2.2	1717	194	BG40-../DPE09XB4	32.57	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	54	3.2	1717	194	BG50-../DPE09XB4	32.84	1956	8700	-	-	130	59
1.5 HP (1.1 kW)	53	1.0	1752	198	BG20-../DPE09XB4	33.33	922	4100	-	-	71	32
1.5 HP (1.1 kW)	52	2.1	1770	200	BG40-../DPE09XB4	34.20	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	50	1.45	1859	210	BG30-../DPE09XB4	35.17	1236	5500	-	-	82	37
1.5 HP (1.1 kW)	47.5	0.91	1947	220	BG20-../DPE09XB4	37.02	967	4300	-	-	71	32
1.5 HP (1.1 kW)	46.5	1.9	1991	225	BG40-../DPE09XB4	37.96	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	46.5	2.8	1991	225	BG50-../DPE09XB4	37.89	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	45	1.3	2036	230	BG30-../DPE09XB4	39.02	1304	5800	-	-	82	37
1.5 HP (1.1 kW)	44	1.8	2080	235	BG40-../DPE09XB4	40.19	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	42.5	0.82	2168	245	BG20-../DPE09XB4	41.76	1012	4500	-	-	71	32
1.5 HP (1.1 kW)	42	2.5	2213	250	BG50-../DPE09XB4	42.00	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	41.5	1.2	2213	250	BG30-../DPE09XB4	42.46	1326	5900	-	-	82	37
1.5 HP (1.1 kW)	39.5	1.6	2345	265	BG40-../DPE09XB4	44.62	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	37.5	1.05	2478	280	BG30-../DPE09XB4	47.11	1349	6000	-	-	82	37
1.5 HP (1.1 kW)	37.5	2.3	2478	280	BG50-../DPE09XB4	47.02	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	36.5	1.5	2522	285	BG40-../DPE09XB4	48.36	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	34	2.1	2699	305	BG50-../DPE09XB4	52.12	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	33.5	0.97	2744	310	BG30-../DPE09XB4	52.44	1349	6000	-	-	82	37
1.5 HP (1.1 kW)	33	1.35	2788	315	BG40-../DPE09XB4	53.69	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	30.5	0.88	3009	340	BG30-../DPE09XB4	58.18	1349	6000	-	-	82	37
1.5 HP (1.1 kW)	30	1.8	3098	350	BG50-../DPE09XB4	59.42	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	29.5	1.2	3142	355	BG40-../DPE09XB4	59.64	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	29	0.83	3186	360	BG30-../DPE09XB4	60.79	1349	6000	-	-	82	37
1.5 HP (1.1 kW)	29	3.3	3186	360	BG60-../DPE09XB4	60.90	3597	16000	-	-	198	90
1.5 HP (1.1 kW)	27	1.1	3408	385	BG40-../DPE09XB4	66.20	1574	7000	-	-	112	51
1.5 HP (1.1 kW)	27	1.65	3408	385	BG50-../DPE09XB4	65.86	2248	10000	-	-	130	59
1.5 HP (1.1 kW)	26.5	3.0	3496	395	BG60-../DPE09XB4	67.49	3597	16000	-	-	198	90
1.5 HP (1.1 kW)	26	1.05	3540	400	BG40Z-../DPE09XB4	67.74	1574	7000	-	-	121	55
1.5 HP (1.1 kW)	26	3.0	3540	400	BG60Z-../DPE09XB4	68.32	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	24.5	1.5	3762	425	BG50Z-../DPE09XB4	71.97	2248	10000	-	-	141	64
1.5 HP (1.1 kW)	23.5	0.96	3939	445	BG40Z-../DPE09XB4	75.19	1574	7000	-	-	121	55
1.5 HP (1.1 kW)	23.5	2.7	3939	445	BG60Z-../DPE09XB4	75.71	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	22	1.35	4204	475	BG50Z-../DPE09XB4	79.78	2248	10000	-	-	141	64
1.5 HP (1.1 kW)	21.5	0.88	4293	485	BG40Z-../DPE09XB4	82.00	1574	7000	-	-	121	55
1.5 HP (1.1 kW)	19.5	0.8	4691	530	BG40Z-../DPE09XB4	91.02	1574	7000	-	-	121	55
1.5 HP (1.1 kW)	19.5	2.3	4691	530	BG60Z-../DPE09XB4	91.09	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	18.5	1.15	4956	560	BG50Z-../DPE09XB4	95.58	2248	10000	-	-	141	64
1.5 HP (1.1 kW)	17.5	2.0	5310	600	BG60Z-../DPE09XB4	101.0	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	17	1.05	5399	610	BG50Z-../DPE09XB4	106.0	2248	10000	-	-	141	64
1.5 HP (1.1 kW)	15	1.7	6196	700	BG60Z-../DPE09XB4	119.2	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	14.5	3.2	6373	720	BG70Z-../DPE09XB4	124.0	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	14	0.84	6638	750	BG50Z-../DPE09XB4	128.9	2248	10000	-	-	141	64
1.5 HP (1.1 kW)	13.5	1.55	6815	770	BG60Z-../DPE09XB4	132.1	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	12	2.6	7700	870	BG70Z-../DPE09XB4	147.2	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	11.5	1.3	8054	910	BG60Z-../DPE09XB4	158.0	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	11	2.4	8408	950	BG70Z-../DPE09XB4	163.8	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	10.5	1.2	8851	1000	BG60Z-../DPE09XB4	175.1	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	9.1	2.0	10178	1150	BG70Z-../DPE09XB4	194.4	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	8.6	0.98	10798	1220	BG60Z-../DPE09XB4	204.6	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	8.4	1.85	11063	1250	BG70Z-../DPE09XB4	210.5	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	7.8	0.9	11860	1340	BG60Z-../DPE09XB4	226.7	3597	16000	-	-	240	109
1.5 HP (1.1 kW)	7.1	0.82	13011	1470	BG60Z-../DPE09XB4	247.7	3597	16000	-	-	240	109

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

BG-series helical-geared motors

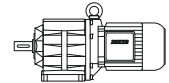
Selection helical-geared motors

1.5 HP (1.1 kW)



P _N							Permissible Overhung Load					
			Output Torque				Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
1.5 HP (1.1 kW)	7.1	1.55	13011	1470	BG70Z-../DPE09XB4	249.8	4496	20000	-	-	328	149
1.5 HP (1.1 kW)	6.9	1.75	12480	1410	BG70G20-../DPE09XB4	255.5	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	6.4	0.86	13453	1520	BG60G20-../DPE09XB4	276.2	3597	16000	-	-	256	116
1.5 HP (1.1 kW)	6.4	1.65	13453	1520	BG70G20-../DPE09XB4	276.7	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	5.6	3.0	13542	1530	BG80G40-../DPE09XB4	314.0	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	5.4	1.4	15931	1800	BG70G20-../DPE09XB4	328.4	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	4.9	2.6	15931	1800	BG80G40-../DPE09XB4	360.0	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	4.6	1.2	18587	2100	BG70G20-../DPE09XB4	387.6	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	4.4	2.3	17701	2000	BG80G40-../DPE09XB4	399.8	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	4.3	1.1	20357	2300	BG70G20-../DPE09XB4	417.8	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	4.1	2.1	19472	2200	BG80G40-../DPE09XB4	436.2	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	3.7	1.9	21684	2450	BG80G40-../DPE09XB4	484.3	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	3.6	0.91	24340	2750	BG70G20-../DPE09XB4	495.9	4496	20000	-	-	322	146
1.5 HP (1.1 kW)	3.1	1.55	26552	3000	BG80G40-../DPE09XB4	572.0	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	3.0	3.2	25667	2900	BG90G50-../DPE09XB4	588.8	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	2.8	3.0	27437	3100	BG90G50-../DPE09XB4	644.7	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	2.7	1.35	30093	3400	BG80G40-../DPE09XB4	657.8	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	2.5	1.25	32748	3700	BG80G40-../DPE09XB4	730.3	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	2.5	2.6	31420	3550	BG90G50-../DPE09XB4	714.2	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	2.2	1.1	37616	4250	BG80G40-../DPE09XB4	817.4	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	2.0	0.98	41599	4700	BG80G40-../DPE09XB4	907.6	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	2.0	2.0	40271	4550	BG90G50-../DPE09XB4	883.7	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	1.7	0.82	49564	5600	BG80G40-../DPE09XB4	1042	5845	26000	-	-	503	228
1.5 HP (1.1 kW)	1.5	1.45	55760	6300	BG90G50-../DPE09XB4	1174	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	1.4	1.35	60185	6800	BG90G50-../DPE09XB4	1301	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	1.3	2.8	59300	6700	BG100G50-../DPE09XB4	1444	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	1.2	1.15	70806	8000	BG90G50-../DPE09XB4	1583	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	1.1	2.3	69921	7900	BG100G50-../DPE09XB4	1678	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	1.0	0.94	86737	9800	BG90G50-../DPE09XB4	1756	14613	65000	-	-	745	338
1.5 HP (1.1 kW)	0.95	2.0	81427	9200	BG100G50-../DPE09XB4	1867	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	0.85	1.8	91163	10300	BG100G50-../DPE09XB4	2154	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	0.7	1.45	111519	12600	BG100G50-../DPE09XB4	2656	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	0.6	1.2	134531	15200	BG100G50-../DPE09XB4	2952	20233	90000	-	-	1157	525
1.5 HP (1.1 kW)	0.55	1.1	146037	16500	BG100G50-../DPE09XB4	3286	20233	90000	-	-	1157	525

2 HP (1.5 kW)



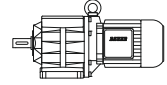
P _N							Permissible Overhung Load					
			Output Torque				Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	700	2.8	177	20	BG10-../DPE09XB4	2.52	128	570	178	790	66	30
2 HP (1.5 kW)	520	2.3	243	27.5	BG10-../DPE09XB4	3.42	142	630	198	880	66	30
2 HP (1.5 kW)	405	1.95	310	35	BG10-../DPE09XB4	4.36	146	650	205	910	66	30
2 HP (1.5 kW)	400	2.9	314	35.5	BG20-../DPE09XB4	4.38	447	1990	-	-	71	32
2 HP (1.5 kW)	330	1.75	381	43	BG10-../DPE09XB4	5.34	139	620	205	910	66	30
2 HP (1.5 kW)	320	2.6	394	44.5	BG20-../DPE09XB4	5.49	472	2100	-	-	71	32
2 HP (1.5 kW)	290	2.6	434	49	BG20-../DPE09XB4	6.06	506	2250	-	-	71	32
2 HP (1.5 kW)	270	2.3	469	53	BG20-../DPE09XB4	6.48	506	2250	-	-	71	32
2 HP (1.5 kW)	260	2.4	487	55	BG20-../DPE09XB4	6.73	528	2350	472	2100	71	32
2 HP (1.5 kW)	255	1.55	496	56	BG10-../DPE09XB4	6.89	191	850	270	1200	66	30
2 HP (1.5 kW)	230	1.45	549	62	BG10-../DPE09XB4	7.63	202	900	281	1250	66	30
2 HP (1.5 kW)	220	1.35	575	65	BG10-../DPE09XB4	8.07	148	660	207	920	66	30
2 HP (1.5 kW)	220	2.1	575	65	BG20-../DPE09XB4	8.02	562	2500	-	-	71	32

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

BG-series helical-geared motors

Selection helical-geared motors

2 HP (1.5 kW)



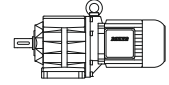
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	215	1.85	584	66	BG20-../DPE09XB4	8.29	506	2250	-	-	71	32
2 HP (1.5 kW)	196	1.95	646	73	BG20-../DPE09XB4	8.91	585	2600	-	-	71	32
2 HP (1.5 kW)	188	1.3	673	76	BG10-../DPE09XB4	9.33	214	950	299	1330	66	30
2 HP (1.5 kW)	183	3.3	690	78	BG30-../DPE09XB4	9.55	674	3000	-	-	82	37
2 HP (1.5 kW)	181	1.55	699	79	BG20-../DPE09XB4	9.65	506	2250	-	-	71	32
2 HP (1.5 kW)	169	1.2	743	84	BG10-../DPE09XB4	10.34	225	1000	315	1400	66	30
2 HP (1.5 kW)	166	1.8	761	86	BG20-../DPE09XB4	10.54	607	2700	-	-	71	32
2 HP (1.5 kW)	164	3.1	770	87	BG30-../DPE09XB4	10.65	663	2950	-	-	82	37
2 HP (1.5 kW)	150	1.65	841	95	BG20-../DPE09XB4	11.71	629	2800	-	-	71	32
2 HP (1.5 kW)	148	2.9	850	96	BG30-../DPE09XB4	11.82	719	3200	-	-	82	37
2 HP (1.5 kW)	147	1.1	859	97	BG10-../DPE09XB4	11.92	232	1030	324	1440	66	30
2 HP (1.5 kW)	133	1.05	947	107	BG10-../DPE09XB4	13.21	241	1070	335	1490	66	30
2 HP (1.5 kW)	133	1.55	947	107	BG20-../DPE09XB4	13.21	652	2900	-	-	71	32
2 HP (1.5 kW)	127	2.6	991	112	BG30-../DPE09XB4	13.77	708	3150	-	-	82	37
2 HP (1.5 kW)	120	0.96	1053	119	BG10-../DPE09XB4	14.58	247	1100	346	1540	66	30
2 HP (1.5 kW)	119	1.45	1062	120	BG20-../DPE09XB4	14.67	686	3050	-	-	71	32
2 HP (1.5 kW)	115	2.4	1097	124	BG30-../DPE09XB4	15.27	776	3450	-	-	82	37
2 HP (1.5 kW)	113	1.4	1115	126	BG20-../DPE09XB4	15.58	697	3100	-	-	71	32
2 HP (1.5 kW)	109	0.89	1159	131	BG10-../DPE09XB4	16.15	256	1140	357	1590	66	30
2 HP (1.5 kW)	107	3.2	1177	133	BG40-../DPE09XB4	16.39	1191	5300	-	-	112	51
2 HP (1.5 kW)	103	2.2	1230	139	BG30-../DPE09XB4	17.06	832	3700	-	-	82	37
2 HP (1.5 kW)	101	1.3	1248	141	BG20-../DPE09XB4	17.31	719	3200	-	-	71	32
2 HP (1.5 kW)	96	2.9	1319	149	BG40-../DPE09XB4	18.19	1259	5600	-	-	112	51
2 HP (1.5 kW)	95	0.8	1328	150	BG10-../DPE09XB4	18.51	272	1210	380	1690	66	30
2 HP (1.5 kW)	93	1.95	1363	154	BG30-../DPE09XB4	18.93	922	4100	-	-	82	37
2 HP (1.5 kW)	88	1.2	1434	162	BG20-../DPE09XB4	19.95	753	3350	-	-	71	32
2 HP (1.5 kW)	88	1.85	1434	162	BG30-../DPE09XB4	19.99	944	4200	-	-	82	37
2 HP (1.5 kW)	88	2.6	1434	162	BG40-../DPE09XB4	19.84	1304	5800	-	-	112	51
2 HP (1.5 kW)	80	2.4	1584	179	BG40-../DPE09XB4	22.02	1349	6000	-	-	112	51
2 HP (1.5 kW)	79	1.1	1602	181	BG20-../DPE09XB4	22.16	787	3500	-	-	71	32
2 HP (1.5 kW)	79	1.65	1602	181	BG30-../DPE09XB4	22.18	1034	4600	-	-	82	37
2 HP (1.5 kW)	76	1.05	1664	188	BG20-../DPE09XB4	23.22	798	3550	-	-	71	32
2 HP (1.5 kW)	75	2.2	1690	191	BG40-../DPE09XB4	23.43	1394	6200	-	-	112	51
2 HP (1.5 kW)	72	3.2	1752	198	BG50-../DPE09XB4	24.34	1956	8700	-	-	130	59
2 HP (1.5 kW)	69	1.45	1814	205	BG30-../DPE09XB4	25.45	1090	4850	-	-	82	37
2 HP (1.5 kW)	68	0.95	1859	210	BG20-../DPE09XB4	25.79	832	3700	-	-	71	32
2 HP (1.5 kW)	68	2.0	1859	210	BG40-../DPE09XB4	26.01	1461	6500	-	-	112	51
2 HP (1.5 kW)	63	0.89	1991	225	BG20-../DPE09XB4	27.85	854	3800	-	-	71	32
2 HP (1.5 kW)	62	1.3	2036	230	BG30-../DPE09XB4	28.24	1147	5100	-	-	82	37
2 HP (1.5 kW)	60	1.8	2080	235	BG40-../DPE09XB4	29.34	1529	6800	-	-	112	51
2 HP (1.5 kW)	59	1.25	2124	240	BG30-../DPE09XB4	29.83	1169	5200	-	-	82	37
2 HP (1.5 kW)	59	2.6	2124	240	BG50-../DPE09XB4	29.62	1798	8000	-	-	130	59
2 HP (1.5 kW)	57	0.8	2213	250	BG20-../DPE09XB4	30.94	899	4000	-	-	71	32
2 HP (1.5 kW)	54	1.6	2345	265	BG40-../DPE09XB4	32.57	1574	7000	-	-	112	51
2 HP (1.5 kW)	54	2.4	2345	265	BG50-../DPE09XB4	32.84	1956	8700	-	-	130	59
2 HP (1.5 kW)	53	1.1	2390	270	BG30-../DPE09XB4	33.09	1214	5400	-	-	82	37
2 HP (1.5 kW)	52	1.55	2434	275	BG40-../DPE09XB4	34.20	1574	7000	-	-	112	51
2 HP (1.5 kW)	50	1.05	2522	285	BG30-../DPE09XB4	35.17	1236	5500	-	-	82	37
2 HP (1.5 kW)	46.5	2.1	2699	305	BG50-../DPE09XB4	37.89	2248	10000	-	-	130	59
2 HP (1.5 kW)	46	1.35	2744	310	BG40-../DPE09XB4	37.96	1574	7000	-	-	112	51
2 HP (1.5 kW)	45	0.95	2788	315	BG30-../DPE09XB4	39.02	1304	5800	-	-	82	37
2 HP (1.5 kW)	43.5	1.3	2876	325	BG40-../DPE09XB4	40.19	1574	7000	-	-	112	51
2 HP (1.5 kW)	42	1.85	3009	340	BG50-../DPE09XB4	42.00	2248	10000	-	-	130	59
2 HP (1.5 kW)	41.5	0.87	3054	345	BG30-../DPE09XB4	42.46	1326	5900	-	-	82	37
2 HP (1.5 kW)	39.5	1.2	3186	360	BG40-../DPE09XB4	44.62	1574	7000	-	-	112	51
2 HP (1.5 kW)	37.5	1.65	3363	380	BG50-../DPE09XB4	47.02	2248	10000	-	-	130	59
2 HP (1.5 kW)	36.5	1.1	3452	390	BG40-../DPE09XB4	48.36	1574	7000	-	-	112	51
2 HP (1.5 kW)	35	3.0	3585	405	BG60-../DPE09XB4	50.31	3597	16000	-	-	198	90

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

BG-series helical-geared motors

Selection helical-geared motors

2 HP (1.5 kW)



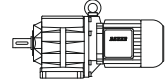
P _N							Permissible Overhung Load					
			Output Torque				Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
2 HP (1.5 kW)	33.5	1.5	3762	425	BG50-../DPE09XB4	52.12	2248	10000	-	-	130	59
2 HP (1.5 kW)	33	0.99	3806	430	BG40-../DPE09XB4	53.69	1574	7000	-	-	112	51
2 HP (1.5 kW)	31.5	2.7	3983	450	BG60-../DPE09XB4	55.76	3597	16000	-	-	198	90
2 HP (1.5 kW)	29.5	0.88	4293	485	BG40-../DPE09XB4	59.64	1574	7000	-	-	112	51
2 HP (1.5 kW)	29.5	1.3	4293	485	BG50-../DPE09XB4	59.42	2248	10000	-	-	130	59
2 HP (1.5 kW)	29	2.4	4337	490	BG60-../DPE09XB4	60.90	3597	16000	-	-	198	90
2 HP (1.5 kW)	26.5	1.15	4779	540	BG50-../DPE09XB4	65.86	2248	10000	-	-	130	59
2 HP (1.5 kW)	26	2.2	4868	550	BG60-../DPE09XB4	67.49	3597	16000	-	-	198	90
2 HP (1.5 kW)	24.5	1.1	5133	580	BG50Z-../DPE09XB4	71.97	2248	10000	-	-	141	64
2 HP (1.5 kW)	23.5	2.0	5310	600	BG60Z-../DPE09XB4	75.71	3597	16000	-	-	240	109
2 HP (1.5 kW)	22	0.97	5753	650	BG50Z-../DPE09XB4	79.78	2248	10000	-	-	141	64
2 HP (1.5 kW)	20	3.2	6284	710	BG70Z-../DPE09XB4	87.61	4496	20000	-	-	328	149
2 HP (1.5 kW)	19.5	1.65	6461	730	BG60Z-../DPE09XB4	91.09	3597	16000	-	-	240	109
2 HP (1.5 kW)	18.5	0.82	6815	770	BG50Z-../DPE09XB4	95.58	2248	10000	-	-	141	64
2 HP (1.5 kW)	18.5	3.0	6815	770	BG70Z-../DPE09XB4	95.74	4496	20000	-	-	328	149
2 HP (1.5 kW)	17.5	1.5	7169	810	BG60Z-../DPE09XB4	101.0	3597	16000	-	-	240	109
2 HP (1.5 kW)	15.5	2.5	8143	920	BG70Z-../DPE09XB4	113.6	4496	20000	-	-	328	149
2 HP (1.5 kW)	15	1.25	8408	950	BG60Z-../DPE09XB4	119.2	3597	16000	-	-	240	109
2 HP (1.5 kW)	14.5	2.3	8674	980	BG70Z-../DPE09XB4	124.0	4496	20000	-	-	328	149
2 HP (1.5 kW)	13.5	1.15	9382	1060	BG60Z-../DPE09XB4	132.1	3597	16000	-	-	240	109
2 HP (1.5 kW)	12	1.95	10532	1190	BG70Z-../DPE09XB4	147.2	4496	20000	-	-	328	149
2 HP (1.5 kW)	11.5	0.97	10975	1240	BG60Z-../DPE09XB4	158.0	3597	16000	-	-	240	109
2 HP (1.5 kW)	11	1.75	11506	1300	BG70Z-../DPE09XB4	163.8	4496	20000	-	-	328	149
2 HP (1.5 kW)	11	3.2	11506	1300	BG80Z-../DPE09XB4	161.5	5845	26000	-	-	478	217
2 HP (1.5 kW)	10	0.84	12657	1430	BG60Z-../DPE09XB4	175.1	3597	16000	-	-	240	109
2 HP (1.5 kW)	9.4	2.8	13453	1520	BG80Z-../DPE09XB4	186.8	5845	26000	-	-	478	217
2 HP (1.5 kW)	9.0	1.45	14073	1590	BG70Z-../DPE09XB4	194.4	4496	20000	-	-	328	149
2 HP (1.5 kW)	8.5	2.5	14869	1680	BG80Z-../DPE09XB4	207.4	5845	26000	-	-	478	217
2 HP (1.5 kW)	8.3	1.35	15223	1720	BG70Z-../DPE09XB4	210.5	4496	20000	-	-	328	149
2 HP (1.5 kW)	7.7	2.9	13984	1580	BG80G40-../DPE09XB4	227.2	5845	26000	-	-	503	228
2 HP (1.5 kW)	7.0	1.15	17701	2000	BG70Z-../DPE09XB4	249.8	4496	20000	-	-	328	149
2 HP (1.5 kW)	7.0	2.7	15312	1730	BG80G40-../DPE09XB4	252.3	5845	26000	-	-	503	228
2 HP (1.5 kW)	6.9	1.3	17347	1960	BG70G20-../DPE09XB4	255.5	4496	20000	-	-	322	146
2 HP (1.5 kW)	6.4	1.2	18587	2100	BG70G20-../DPE09XB4	276.7	4496	20000	-	-	322	146
2 HP (1.5 kW)	6.2	2.3	17701	2000	BG80G40-../DPE09XB4	282.8	5845	26000	-	-	503	228
2 HP (1.5 kW)	5.6	2.1	19472	2200	BG80G40-../DPE09XB4	314.0	5845	26000	-	-	503	228
2 HP (1.5 kW)	5.4	1.0	22127	2500	BG70G20-../DPE09XB4	328.4	4496	20000	-	-	322	146
2 HP (1.5 kW)	4.9	1.8	22569	2550	BG80G40-../DPE09XB4	360.0	5845	26000	-	-	503	228
2 HP (1.5 kW)	4.6	0.85	26110	2950	BG70G20-../DPE09XB4	387.6	4496	20000	-	-	322	146
2 HP (1.5 kW)	4.4	1.6	25225	2850	BG80G40-../DPE09XB4	399.8	5845	26000	-	-	503	228
2 HP (1.5 kW)	4.1	1.45	27880	3150	BG80G40-../DPE09XB4	436.2	5845	26000	-	-	503	228
2 HP (1.5 kW)	4.1	3.0	27437	3100	BG90G50-../DPE09XB4	435.8	14613	65000	-	-	745	338
2 HP (1.5 kW)	3.7	1.35	30535	3450	BG80G40-../DPE09XB4	484.3	5845	26000	-	-	503	228
2 HP (1.5 kW)	3.5	2.6	31863	3600	BG90G50-../DPE09XB4	504.7	14613	65000	-	-	745	338
2 HP (1.5 kW)	3.1	1.1	37173	4200	BG80G40-../DPE09XB4	572.0	5845	26000	-	-	503	228
2 HP (1.5 kW)	3.0	2.2	37173	4200	BG90G50-../DPE09XB4	588.8	14613	65000	-	-	745	338
2 HP (1.5 kW)	2.8	2.0	39828	4500	BG90G50-../DPE09XB4	644.7	14613	65000	-	-	745	338
2 HP (1.5 kW)	2.7	0.96	42484	4800	BG80G40-../DPE09XB4	657.8	5845	26000	-	-	503	228
2 HP (1.5 kW)	2.5	1.85	44254	5000	BG90G50-../DPE09XB4	714.2	14613	65000	-	-	745	338
2 HP (1.5 kW)	2.4	0.85	47794	5400	BG80G40-../DPE09XB4	730.3	5845	26000	-	-	503	228
2 HP (1.5 kW)	2.3	3.0	54875	6200	BG100Z-../DPE09XB4	759.0	20233	90000	-	-	1160	526
2 HP (1.5 kW)	2.1	2.7	60185	6800	BG100Z-../DPE09XB4	845.1	20233	90000	-	-	1160	526
2 HP (1.5 kW)	2.0	1.45	56645	6400	BG90G50-../DPE09XB4	883.7	14613	65000	-	-	745	338
2 HP (1.5 kW)	1.8	2.9	55760	6300	BG100G50-../DPE09XB4	976.1	20233	90000	-	-	1157	525
2 HP (1.5 kW)	1.7	2.6	61955	7000	BG100G50-../DPE09XB4	1043	20233	90000	-	-	1157	525
2 HP (1.5 kW)	1.5	1.05	77887	8800	BG90G50-../DPE09XB4	1174	14613	65000	-	-	745	338
2 HP (1.5 kW)	1.5	2.3	69921	7900	BG100G50-../DPE09XB4	1204	20233	90000	-	-	1157	525
2 HP (1.5 kW)	1.4	0.97	84082	9500	BG90G50-../DPE09XB4	1301	14613	65000	-	-	745	338

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

BG-series helical-geared motors

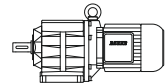
Selection helical-geared motors

2 HP (1.5 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
2 HP (1.5 kW)	1.3	1.95	84967	9600	BG100G50-../DPE09XB4	1444	20233	90000	-	-	1157	525
2 HP (1.5 kW)	1.2	0.82	99128	11200	BG90G50-../DPE09XB4	1583	14613	65000	-	-	745	338
2 HP (1.5 kW)	1.1	1.6	100899	11400	BG100G50-../DPE09XB4	1678	20233	90000	-	-	1157	525
2 HP (1.5 kW)	0.95	1.4	116830	13200	BG100G50-../DPE09XB4	1867	20233	90000	-	-	1157	525
2 HP (1.5 kW)	0.85	1.25	130106	14700	BG100G50-../DPE09XB4	2154	20233	90000	-	-	1157	525
2 HP (1.5 kW)	0.7	1.0	160198	18100	BG100G50-../DPE09XB4	2656	20233	90000	-	-	1157	525

2.4 HP (1.8 kW)



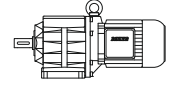
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	700	2.3	217	24.5	BG10-../DPE09XB4C	2.52	128	570	178	790	71	32
2.4 HP (1.8 kW)	530	2.9	283	32	BG20-../DPE09XB4C	3.33	411	1830	-	-	77	35
2.4 HP (1.8 kW)	520	1.9	292	33	BG10-../DPE09XB4C	3.42	142	630	198	880	71	32
2.4 HP (1.8 kW)	405	1.6	372	42	BG10-../DPE09XB4C	4.36	146	650	205	910	71	32
2.4 HP (1.8 kW)	405	2.5	372	42	BG20-../DPE09XB4C	4.38	447	1990	-	-	77	35
2.4 HP (1.8 kW)	330	1.45	460	52	BG10-../DPE09XB4C	5.34	139	620	205	910	71	32
2.4 HP (1.8 kW)	325	2.2	460	52	BG20-../DPE09XB4C	5.49	472	2100	-	-	77	35
2.4 HP (1.8 kW)	295	2.2	513	58	BG20-../DPE09XB4C	6.06	506	2250	-	-	77	35
2.4 HP (1.8 kW)	275	1.95	549	62	BG20-../DPE09XB4C	6.48	506	2250	-	-	77	35
2.4 HP (1.8 kW)	265	2.0	566	64	BG20-../DPE09XB4C	6.73	528	2350	472	2100	77	35
2.4 HP (1.8 kW)	260	1.35	584	66	BG10-../DPE09XB4C	6.89	191	850	270	1200	71	32
2.4 HP (1.8 kW)	235	1.2	646	73	BG10-../DPE09XB4C	7.63	202	900	281	1250	71	32
2.4 HP (1.8 kW)	235	3.2	646	73	BG30-../DPE09XB4C	7.50	618	2750	-	-	86	39
2.4 HP (1.8 kW)	225	2.9	673	76	BG30-../DPE09XB4C	7.91	396	1760	-	-	86	39
2.4 HP (1.8 kW)	220	1.15	690	78	BG10-../DPE09XB4C	8.07	148	660	207	920	71	32
2.4 HP (1.8 kW)	220	1.75	690	78	BG20-../DPE09XB4C	8.02	562	2500	-	-	77	35
2.4 HP (1.8 kW)	215	1.55	699	79	BG20-../DPE09XB4C	8.29	506	2250	-	-	77	35
2.4 HP (1.8 kW)	205	3.0	735	83	BG30-../DPE09XB4C	8.60	629	2800	-	-	86	39
2.4 HP (1.8 kW)	198	1.65	761	86	BG20-../DPE09XB4C	8.91	585	2600	-	-	77	35
2.4 HP (1.8 kW)	189	1.1	797	90	BG10-../DPE09XB4C	9.33	214	950	299	1330	71	32
2.4 HP (1.8 kW)	185	2.8	814	92	BG30-../DPE09XB4C	9.55	674	3000	-	-	86	39
2.4 HP (1.8 kW)	183	1.3	823	93	BG20-../DPE09XB4C	9.65	506	2250	-	-	77	35
2.4 HP (1.8 kW)	171	0.99	885	100	BG10-../DPE09XB4C	10.34	225	1000	315	1400	71	32
2.4 HP (1.8 kW)	167	1.5	903	102	BG20-../DPE09XB4C	10.54	607	2700	-	-	77	35
2.4 HP (1.8 kW)	166	2.6	912	103	BG30-../DPE09XB4C	10.65	663	2950	-	-	86	39
2.4 HP (1.8 kW)	151	1.4	1000	113	BG20-../DPE09XB4C	11.71	629	2800	-	-	77	35
2.4 HP (1.8 kW)	149	2.4	1018	115	BG30-../DPE09XB4C	11.82	719	3200	-	-	86	39
2.4 HP (1.8 kW)	148	0.91	1027	116	BG10-../DPE09XB4C	11.92	232	1030	324	1440	71	32
2.4 HP (1.8 kW)	137	3.3	1106	125	BG40-../DPE09XB4C	12.86	1012	4500	-	-	119	54
2.4 HP (1.8 kW)	134	0.86	1133	128	BG10-../DPE09XB4C	13.21	241	1070	335	1490	71	32
2.4 HP (1.8 kW)	134	1.3	1133	128	BG20-../DPE09XB4C	13.21	652	2900	-	-	77	35
2.4 HP (1.8 kW)	128	2.2	1186	134	BG30-../DPE09XB4C	13.77	708	3150	-	-	86	39
2.4 HP (1.8 kW)	124	3.1	1221	138	BG40-../DPE09XB4C	14.28	1102	4900	-	-	119	54
2.4 HP (1.8 kW)	121	0.8	1257	142	BG10-../DPE09XB4C	14.58	247	1100	346	1540	71	32
2.4 HP (1.8 kW)	120	1.2	1266	143	BG20-../DPE09XB4C	14.67	686	3050	-	-	77	35
2.4 HP (1.8 kW)	116	2.0	1310	148	BG30-../DPE09XB4C	15.27	776	3450	-	-	86	39
2.4 HP (1.8 kW)	113	1.15	1345	152	BG20-../DPE09XB4C	15.58	697	3100	-	-	77	35
2.4 HP (1.8 kW)	108	2.7	1407	159	BG40-../DPE09XB4C	16.39	1191	5300	-	-	119	54
2.4 HP (1.8 kW)	104	1.8	1460	165	BG30-../DPE09XB4C	17.06	832	3700	-	-	86	39
2.4 HP (1.8 kW)	102	1.1	1487	168	BG20-../DPE09XB4C	17.31	719	3200	-	-	77	35
2.4 HP (1.8 kW)	97	2.4	1567	177	BG40-../DPE09XB4C	18.19	1259	5600	-	-	119	54

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

BG-series helical-geared motors

Selection helical-geared motors

2.4 HP (1.8 kW)



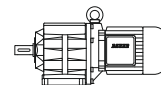
P _N							Permissible Overhung Load					
			Output Torque				Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
2.4 HP (1.8 kW)	93	1.65	1629	184	BG30-../DPE09XB4C	18.93	922	4100	-	-	86	39
2.4 HP (1.8 kW)	89	1.0	1708	193	BG20-../DPE09XB4C	19.95	753	3350	-	-	77	35
2.4 HP (1.8 kW)	89	1.55	1708	193	BG30-../DPE09XB4C	19.99	944	4200	-	-	86	39
2.4 HP (1.8 kW)	89	2.2	1708	193	BG40-../DPE09XB4C	19.84	1304	5800	-	-	119	54
2.4 HP (1.8 kW)	81	3.0	1859	210	BG50-../DPE09XB4C	21.96	1798	8000	-	-	137	62
2.4 HP (1.8 kW)	80	0.95	1859	210	BG20-../DPE09XB4C	22.16	787	3500	-	-	77	35
2.4 HP (1.8 kW)	80	1.45	1859	210	BG30-../DPE09XB4C	22.18	1034	4600	-	-	86	39
2.4 HP (1.8 kW)	80	2.0	1859	210	BG40-../DPE09XB4C	22.02	1349	6000	-	-	119	54
2.4 HP (1.8 kW)	76	0.89	1991	225	BG20-../DPE09XB4C	23.22	798	3550	-	-	77	35
2.4 HP (1.8 kW)	76	1.9	1991	225	BG40-../DPE09XB4C	23.43	1394	6200	-	-	119	54
2.4 HP (1.8 kW)	73	2.7	2080	235	BG50-../DPE09XB4C	24.34	1956	8700	-	-	137	62
2.4 HP (1.8 kW)	70	1.2	2168	245	BG30-../DPE09XB4C	25.45	1090	4850	-	-	86	39
2.4 HP (1.8 kW)	69	0.82	2168	245	BG20-../DPE09XB4C	25.79	832	3700	-	-	77	35
2.4 HP (1.8 kW)	68	1.7	2213	250	BG40-../DPE09XB4C	26.01	1461	6500	-	-	119	54
2.4 HP (1.8 kW)	63	1.1	2390	270	BG30-../DPE09XB4C	28.24	1147	5100	-	-	86	39
2.4 HP (1.8 kW)	60	1.05	2522	285	BG30-../DPE09XB4C	29.83	1169	5200	-	-	86	39
2.4 HP (1.8 kW)	60	1.5	2522	285	BG40-../DPE09XB4C	29.34	1529	6800	-	-	119	54
2.4 HP (1.8 kW)	60	2.2	2522	285	BG50-../DPE09XB4C	29.62	1798	8000	-	-	137	62
2.4 HP (1.8 kW)	55	1.35	2744	310	BG40-../DPE09XB4C	32.57	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	54	0.95	2788	315	BG30-../DPE09XB4C	33.09	1214	5400	-	-	86	39
2.4 HP (1.8 kW)	54	2.0	2788	315	BG50-../DPE09XB4C	32.84	1956	8700	-	-	137	62
2.4 HP (1.8 kW)	52	1.3	2921	330	BG40-../DPE09XB4C	34.20	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	51	0.9	2965	335	BG30-../DPE09XB4C	35.17	1236	5500	-	-	86	39
2.4 HP (1.8 kW)	46.5	1.15	3231	365	BG40-../DPE09XB4C	37.96	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	46.5	1.75	3231	365	BG50-../DPE09XB4C	37.89	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	45.5	0.8	3319	375	BG30-../DPE09XB4C	39.02	1304	5800	-	-	86	39
2.4 HP (1.8 kW)	45.5	3.2	3319	375	BG60-../DPE09XB4C	38.85	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	44	1.1	3452	390	BG40-../DPE09XB4C	40.19	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	42	1.55	3585	405	BG50-../DPE09XB4C	42.00	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	41	2.9	3673	415	BG60-../DPE09XB4C	43.05	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	39.5	0.98	3850	435	BG40-../DPE09XB4C	44.62	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	37.5	1.4	4027	455	BG50-../DPE09XB4C	47.02	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	36.5	0.9	4160	470	BG40-../DPE09XB4C	48.36	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	35	2.4	4337	490	BG60-../DPE09XB4C	50.31	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	34	1.25	4425	500	BG50-../DPE09XB4C	52.12	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	33	0.82	4602	520	BG40-../DPE09XB4C	53.69	1574	7000	-	-	119	54
2.4 HP (1.8 kW)	32	2.3	4691	530	BG60-../DPE09XB4C	55.76	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	30	1.1	5045	570	BG50-../DPE09XB4C	59.42	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	29	2.0	5222	590	BG60-../DPE09XB4C	60.90	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	27	1.0	5576	630	BG50-../DPE09XB4C	65.86	2248	10000	-	-	137	62
2.4 HP (1.8 kW)	26.5	1.9	5664	640	BG60-../DPE09XB4C	67.49	3597	16000	-	-	203	92
2.4 HP (1.8 kW)	26	1.8	5841	660	BG60Z-../DPE09XB4C	68.32	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	24.5	0.9	6196	700	BG50Z-../DPE09XB4C	71.97	2248	10000	-	-	148	67
2.4 HP (1.8 kW)	24	3.2	6284	710	BG70Z-../DPE09XB4C	73.82	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	23.5	1.65	6461	730	BG60Z-../DPE09XB4C	75.71	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	22.5	0.83	6727	760	BG50Z-../DPE09XB4C	79.78	2248	10000	-	-	148	67
2.4 HP (1.8 kW)	20.5	2.8	7346	830	BG70Z-../DPE09XB4C	87.61	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	19.5	1.35	7789	880	BG60Z-../DPE09XB4C	91.09	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	18.5	2.5	8143	920	BG70Z-../DPE09XB4C	95.74	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	17.5	1.2	8674	980	BG60Z-../DPE09XB4C	101.0	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	15.5	2.1	9736	1100	BG70Z-../DPE09XB4C	113.6	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	15	1.05	10090	1140	BG60Z-../DPE09XB4C	119.2	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	14.5	1.95	10444	1180	BG70Z-../DPE09XB4C	124.0	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	13.5	0.94	11240	1270	BG60Z-../DPE09XB4C	132.1	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	12.5	3.1	12126	1370	BG80Z-../DPE09XB4C	145.4	5845	26000	-	-	483	219
2.4 HP (1.8 kW)	12	1.6	12657	1430	BG70Z-../DPE09XB4C	147.2	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	11.5	0.81	13188	1490	BG60Z-../DPE09XB4C	158.0	3597	16000	-	-	247	112
2.4 HP (1.8 kW)	11	1.45	13807	1560	BG70Z-../DPE09XB4C	163.8	4496	20000	-	-	333	151

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

BG-series helical-geared motors

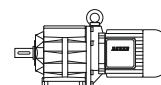
Selection helical-geared motors

2.4 HP (1.8 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
2.4 HP (1.8 kW)	11	2.7	13807	1560	BG80Z-../DPE09XB4C	161.5	5845	26000	-	-	483	219
2.4 HP (1.8 kW)	9.5	2.3	15931	1800	BG80Z-../DPE09XB4C	186.8	5845	26000	-	-	483	219
2.4 HP (1.8 kW)	9.1	1.2	16639	1880	BG70Z-../DPE09XB4C	194.4	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	8.5	2.1	17701	2000	BG80Z-../DPE09XB4C	207.4	5845	26000	-	-	483	219
2.4 HP (1.8 kW)	8.4	1.15	17701	2000	BG70Z-../DPE09XB4C	210.5	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	7.8	2.4	16993	1920	BG80G40-../DPE09XB4C	227.2	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	7.1	0.96	21242	2400	BG70Z-../DPE09XB4C	249.8	4496	20000	-	-	333	151
2.4 HP (1.8 kW)	7.0	2.2	18587	2100	BG80G40-../DPE09XB4C	252.3	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	6.9	1.05	20799	2350	BG70G20-../DPE09XB4C	255.5	4496	20000	-	-	328	149
2.4 HP (1.8 kW)	6.4	0.98	22569	2550	BG70G20-../DPE09XB4C	276.7	4496	20000	-	-	328	149
2.4 HP (1.8 kW)	6.3	1.9	21242	2400	BG80G40-../DPE09XB4C	282.8	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	5.7	1.75	23454	2650	BG80G40-../DPE09XB4C	314.0	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	5.4	0.83	26552	3000	BG70G20-../DPE09XB4C	328.4	4496	20000	-	-	328	149
2.4 HP (1.8 kW)	4.9	1.45	27880	3150	BG80G40-../DPE09XB4C	360.0	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	4.9	3.1	26552	3000	BG90G50-../DPE09XB4C	360.3	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	4.5	1.35	30093	3400	BG80G40-../DPE09XB4C	399.8	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	4.1	1.2	34075	3850	BG80G40-../DPE09XB4C	436.2	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	4.1	2.4	33633	3800	BG90G50-../DPE09XB4C	435.8	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	3.7	1.1	37616	4250	BG80G40-../DPE09XB4C	484.3	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	3.5	2.1	38943	4400	BG90G50-../DPE09XB4C	504.7	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	3.1	0.9	45139	5100	BG80G40-../DPE09XB4C	572.0	5845	26000	-	-	509	231
2.4 HP (1.8 kW)	3.0	1.8	45139	5100	BG90G50-../DPE09XB4C	588.8	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	3.0	3.2	50449	5700	BG100Z-../DPE09XB4C	591.1	20233	90000	-	-	1164	528
2.4 HP (1.8 kW)	2.8	1.65	48679	5500	BG90G50-../DPE09XB4C	644.7	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	2.7	2.9	55760	6300	BG100Z-../DPE09XB4C	658.1	20233	90000	-	-	1164	528
2.4 HP (1.8 kW)	2.5	1.5	54875	6200	BG90G50-../DPE09XB4C	714.2	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	2.4	2.6	62840	7100	BG100Z-../DPE09XB4C	759.0	20233	90000	-	-	1164	528
2.4 HP (1.8 kW)	2.1	2.3	71691	8100	BG100Z-../DPE09XB4C	845.1	20233	90000	-	-	1164	528
2.4 HP (1.8 kW)	2.0	1.15	69921	7900	BG90G50-../DPE09XB4C	883.7	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	1.9	2.5	65496	7400	BG100G50-../DPE09XB4C	976.1	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	1.7	2.1	77001	8700	BG100G50-../DPE09XB4C	1043	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	1.5	0.86	94703	10700	BG90G50-../DPE09XB4C	1174	14613	65000	-	-	750	340
2.4 HP (1.8 kW)	1.5	1.9	86737	9800	BG100G50-../DPE09XB4C	1204	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	1.3	1.55	104439	11800	BG100G50-../DPE09XB4C	1444	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	1.1	1.3	123910	14000	BG100G50-../DPE09XB4C	1678	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	0.95	1.15	144267	16300	BG100G50-../DPE09XB4C	1867	20233	90000	-	-	1162	527
2.4 HP (1.8 kW)	0.85	1.0	160198	18100	BG100G50-../DPE09XB4C	2154	20233	90000	-	-	1162	527

3 HP (2.2 kW)



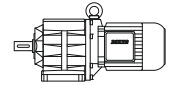
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
3 HP (2.2 kW)	660	4.1	279	31.5	BG30-../DPE11LB4	2.67	326	1450	-	-	128	58
3 HP (2.2 kW)	520	3.5	354	40	BG30-../DPE11LB4	3.40	355	1580	-	-	128	58
3 HP (2.2 kW)	420	3.4	443	50	BG30-../DPE11LB4	4.21	366	1630	-	-	128	58
3 HP (2.2 kW)	325	3.1	566	64	BG30-../DPE11LB4	5.44	375	1670	-	-	128	58
3 HP (2.2 kW)	265	2.9	699	79	BG30-../DPE11LB4	6.76	573	2550	-	-	128	58
3 HP (2.2 kW)	235	2.6	788	89	BG30-../DPE11LB4	7.50	618	2750	-	-	128	58
3 HP (2.2 kW)	235	3.3	788	89	BG40-../DPE11LB4	7.62	596	2650	-	-	170	77
3 HP (2.2 kW)	225	2.3	823	93	BG30-../DPE11LB4	7.91	396	1760	-	-	128	58
3 HP (2.2 kW)	205	2.4	903	102	BG30-../DPE11LB4	8.60	629	2800	-	-	128	58
3 HP (2.2 kW)	196	2.8	947	107	BG40-../DPE11LB4	9.00	596	2650	-	-	170	77

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

BG-series helical-geared motors

Selection helical-geared motors

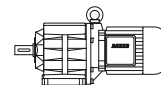
3 HP (2.2 kW)



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
3 HP (2.2 kW)	191	3.2	974	110	BG40-../DPE11LB4	9.23	978	4350	-	-	170	77
3 HP (2.2 kW)	185	2.2	1000	113	BG30-../DPE11LB4	9.55	674	3000	-	-	128	58
3 HP (2.2 kW)	171	3.1	1080	122	BG40-../DPE11LB4	10.35	978	4350	-	-	170	77
3 HP (2.2 kW)	166	2.1	1115	126	BG30-../DPE11LB4	10.65	663	2950	-	-	128	58
3 HP (2.2 kW)	154	2.9	1204	136	BG40-../DPE11LB4	11.49	1034	4600	-	-	170	77
3 HP (2.2 kW)	149	1.95	1248	141	BG30-../DPE11LB4	11.82	719	3200	-	-	128	58
3 HP (2.2 kW)	137	2.7	1354	153	BG40-../DPE11LB4	12.86	1012	4500	-	-	170	77
3 HP (2.2 kW)	128	1.8	1452	164	BG30-../DPE11LB4	13.77	708	3150	-	-	128	58
3 HP (2.2 kW)	124	2.5	1496	169	BG40-../DPE11LB4	14.28	1102	4900	-	-	170	77
3 HP (2.2 kW)	116	1.65	1602	181	BG30-../DPE11LB4	15.27	776	3450	-	-	128	58
3 HP (2.2 kW)	108	2.2	1717	194	BG40-../DPE11LB4	16.39	1191	5300	-	-	170	77
3 HP (2.2 kW)	107	3.2	1735	196	BG50-../DPE11LB4	16.53	1461	6500	-	-	190	86
3 HP (2.2 kW)	104	1.5	1770	200	BG30-../DPE11LB4	17.06	832	3700	-	-	128	58
3 HP (2.2 kW)	97	2.0	1903	215	BG40-../DPE11LB4	18.19	1259	5600	-	-	170	77
3 HP (2.2 kW)	97	2.9	1903	215	BG50-../DPE11LB4	18.33	1619	7200	-	-	190	86
3 HP (2.2 kW)	93	1.35	1991	225	BG30-../DPE11LB4	18.93	922	4100	-	-	128	58
3 HP (2.2 kW)	89	1.3	2080	235	BG30-../DPE11LB4	19.99	944	4200	-	-	128	58
3 HP (2.2 kW)	89	1.8	2080	235	BG40-../DPE11LB4	19.84	1304	5800	-	-	170	77
3 HP (2.2 kW)	81	2.5	2257	255	BG50-../DPE11LB4	21.96	1798	8000	-	-	190	86
3 HP (2.2 kW)	80	1.15	2301	260	BG30-../DPE11LB4	22.18	1034	4600	-	-	128	58
3 HP (2.2 kW)	80	1.65	2301	260	BG40-../DPE11LB4	22.02	1349	6000	-	-	170	77
3 HP (2.2 kW)	76	1.55	2434	275	BG40-../DPE11LB4	23.43	1394	6200	-	-	170	77
3 HP (2.2 kW)	73	2.2	2522	285	BG50-../DPE11LB4	24.34	1956	8700	-	-	190	86
3 HP (2.2 kW)	68	1.4	2699	305	BG40-../DPE11LB4	26.01	1461	6500	-	-	170	77
3 HP (2.2 kW)	60	1.8	3098	350	BG50-../DPE11LB4	29.62	1798	8000	-	-	190	86
3 HP (2.2 kW)	55	3.2	3363	380	BG60-../DPE11LB4	32.48	3462	15400	-	-	262	119
3 HP (2.2 kW)	54	1.65	3408	385	BG50-../DPE11LB4	32.84	1956	8700	-	-	190	86
3 HP (2.2 kW)	46.5	1.4	3983	450	BG50-../DPE11LB4	37.89	2248	10000	-	-	190	86
3 HP (2.2 kW)	45.5	2.6	4071	460	BG60-../DPE11LB4	38.85	3597	16000	-	-	262	119
3 HP (2.2 kW)	42	1.25	4425	500	BG50-../DPE11LB4	42.00	2248	10000	-	-	190	86
3 HP (2.2 kW)	41	2.4	4514	510	BG60-../DPE11LB4	43.05	3597	16000	-	-	262	119
3 HP (2.2 kW)	37.5	1.15	4956	560	BG50-../DPE11LB4	47.02	2248	10000	-	-	190	86
3 HP (2.2 kW)	35	2.0	5310	600	BG60-../DPE11LB4	50.31	3597	16000	-	-	262	119
3 HP (2.2 kW)	34	1.05	5399	610	BG50-../DPE11LB4	52.12	2248	10000	-	-	190	86
3 HP (2.2 kW)	32	1.85	5753	650	BG60-../DPE11LB4	55.76	3597	16000	-	-	262	119
3 HP (2.2 kW)	29.5	3.2	6284	710	BG70-../DPE11LB4	59.82	4496	20000	-	-	328	149
3 HP (2.2 kW)	29	1.65	6373	720	BG60-../DPE11LB4	60.90	3597	16000	-	-	262	119
3 HP (2.2 kW)	27.5	3.0	6727	760	BG70Z-../DPE11LB4	64.85	4496	20000	-	-	388	176
3 HP (2.2 kW)	26.5	1.5	6992	790	BG60-../DPE11LB4	67.49	3597	16000	-	-	262	119
3 HP (2.2 kW)	26	1.5	7081	800	BG60Z-../DPE11LB4	68.32	3597	16000	-	-	298	135
3 HP (2.2 kW)	24	2.6	7700	870	BG70Z-../DPE11LB4	73.82	4496	20000	-	-	388	176
3 HP (2.2 kW)	23.5	1.35	7877	890	BG60Z-../DPE11LB4	75.71	3597	16000	-	-	298	135
3 HP (2.2 kW)	20.5	2.3	9028	1020	BG70Z-../DPE11LB4	87.61	4496	20000	-	-	388	176
3 HP (2.2 kW)	19.5	1.1	9470	1070	BG60Z-../DPE11LB4	91.09	3597	16000	-	-	298	135
3 HP (2.2 kW)	18.5	2.0	10001	1130	BG70Z-../DPE11LB4	95.74	4496	20000	-	-	388	176
3 HP (2.2 kW)	17.5	1.0	10621	1200	BG60Z-../DPE11LB4	101.0	3597	16000	-	-	298	135
3 HP (2.2 kW)	16	3.2	11594	1310	BG80Z-../DPE11LB4	112.4	5845	26000	-	-	542	246
3 HP (2.2 kW)	15.5	1.7	11949	1350	BG70Z-../DPE11LB4	113.6	4496	20000	-	-	388	176
3 HP (2.2 kW)	15	0.86	12391	1400	BG60Z-../DPE11LB4	119.2	3597	16000	-	-	298	135
3 HP (2.2 kW)	14.5	1.6	12745	1440	BG70Z-../DPE11LB4	124.0	4496	20000	-	-	388	176
3 HP (2.2 kW)	14.5	2.9	12745	1440	BG80Z-../DPE11LB4	124.8	5845	26000	-	-	542	246
3 HP (2.2 kW)	12.5	2.5	14869	1680	BG80Z-../DPE11LB4	145.4	5845	26000	-	-	542	246
3 HP (2.2 kW)	12	1.3	15489	1750	BG70Z-../DPE11LB4	147.2	4496	20000	-	-	388	176
3 HP (2.2 kW)	11	1.2	16905	1910	BG70Z-../DPE11LB4	163.8	4496	20000	-	-	388	176
3 HP (2.2 kW)	11	2.2	16905	1910	BG80Z-../DPE11LB4	161.5	5845	26000	-	-	542	246
3 HP (2.2 kW)	9.5	1.9	19472	2200	BG80Z-../DPE11LB4	186.8	5845	26000	-	-	542	246
3 HP (2.2 kW)	9.1	1.0	20357	2300	BG70Z-../DPE11LB4	194.4	4496	20000	-	-	388	176
3 HP (2.2 kW)	8.5	1.7	21684	2450	BG80Z-../DPE11LB4	207.4	5845	26000	-	-	542	246

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

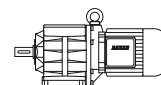
3 HP (2.2 kW)



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
3 HP (2.2 kW)	8.4	0.92	22127	2500	BG70Z-../DPE11LB4	210.5	4496	20000	-	-	388	176
3 HP (2.2 kW)	7.8	1.9	21242	2400	BG80G40-../DPE11LB4	227.2	5845	26000	-	-	560	254
3 HP (2.2 kW)	7.8	3.2	23454	2650	BG90Z-../DPE11LB4	228.1	14613	65000	-	-	767	348
3 HP (2.2 kW)	7.0	1.75	23454	2650	BG80G40-../DPE11LB4	252.3	5845	26000	-	-	560	254
3 HP (2.2 kW)	6.3	1.55	26552	3000	BG80G40-../DPE11LB4	282.8	5845	26000	-	-	560	254
3 HP (2.2 kW)	5.9	2.8	28765	3250	BG90G50-../DPE11LB4	298.8	14613	65000	-	-	805	365
3 HP (2.2 kW)	5.7	1.4	29207	3300	BG80G40-../DPE11LB4	314.0	5845	26000	-	-	560	254
3 HP (2.2 kW)	4.9	1.15	34960	3950	BG80G40-../DPE11LB4	360.0	5845	26000	-	-	560	254
3 HP (2.2 kW)	4.9	2.4	33633	3800	BG90G50-../DPE11LB4	360.3	14613	65000	-	-	805	365
3 HP (2.2 kW)	4.5	1.1	37616	4250	BG80G40-../DPE11LB4	399.8	5845	26000	-	-	560	254
3 HP (2.2 kW)	4.1	0.97	42041	4750	BG80G40-../DPE11LB4	436.2	5845	26000	-	-	560	254
3 HP (2.2 kW)	4.1	1.95	41599	4700	BG90G50-../DPE11LB4	435.8	14613	65000	-	-	805	365
3 HP (2.2 kW)	3.7	0.87	46909	5300	BG80G40-../DPE11LB4	484.3	5845	26000	-	-	560	254
3 HP (2.2 kW)	3.5	1.65	48679	5500	BG90G50-../DPE11LB4	504.7	14613	65000	-	-	805	365
3 HP (2.2 kW)	3.5	3.1	53104	6000	BG100Z-../DPE11LB4	508.5	20233	90000	-	-	1224	555
3 HP (2.2 kW)	3.0	1.45	56645	6400	BG90G50-../DPE11LB4	588.8	14613	65000	-	-	805	365
3 HP (2.2 kW)	3.0	2.6	61955	7000	BG100Z-../DPE11LB4	591.1	20233	90000	-	-	1224	555
3 HP (2.2 kW)	2.8	1.35	60185	6800	BG90G50-../DPE11LB4	644.7	14613	65000	-	-	805	365
3 HP (2.2 kW)	2.7	2.4	68151	7700	BG100Z-../DPE11LB4	658.1	20233	90000	-	-	1224	555
3 HP (2.2 kW)	2.5	1.2	68151	7700	BG90G50-../DPE11LB4	714.2	14613	65000	-	-	805	365
3 HP (2.2 kW)	2.4	2.1	77001	8700	BG100Z-../DPE11LB4	759.0	20233	90000	-	-	1224	555
3 HP (2.2 kW)	2.1	1.85	88507	10000	BG100Z-../DPE11LB4	845.1	20233	90000	-	-	1224	555
3 HP (2.2 kW)	2.0	0.94	86737	9800	BG90G50-../DPE11LB4	883.7	14613	65000	-	-	805	365
3 HP (2.2 kW)	1.9	1.95	83197	9400	BG100G50-../DPE11LB4	976.1	20233	90000	-	-	1217	552
3 HP (2.2 kW)	1.7	1.7	96473	10900	BG100G50-../DPE11LB4	1043	20233	90000	-	-	1217	552
3 HP (2.2 kW)	1.5	1.5	108864	12300	BG100G50-../DPE11LB4	1204	20233	90000	-	-	1217	552
3 HP (2.2 kW)	1.3	1.25	130106	14700	BG100G50-../DPE11LB4	1444	20233	90000	-	-	1217	552
3 HP (2.2 kW)	1.1	1.05	154003	17400	BG100G50-../DPE11LB4	1678	20233	90000	-	-	1217	552

6

4 HP (3 kW)



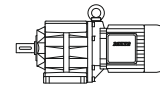
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	660	3.0	381	43	BG30-../DPE11LB4	2.67	326	1450	-	-	128	58
4 HP (3 kW)	520	2.5	487	55	BG30-../DPE11LB4	3.40	355	1580	-	-	128	58
4 HP (3 kW)	420	2.5	602	68	BG30-../DPE11LB4	4.21	366	1630	-	-	128	58
4 HP (3 kW)	325	2.3	779	88	BG30-../DPE11LB4	5.44	375	1670	-	-	128	58
4 HP (3 kW)	275	3.0	920	104	BG40-../DPE11LB4	6.40	843	3750	-	-	170	77
4 HP (3 kW)	265	2.1	956	108	BG30-../DPE11LB4	6.76	573	2550	-	-	128	58
4 HP (3 kW)	250	2.9	1009	114	BG40-../DPE11LB4	7.11	888	3950	-	-	170	77
4 HP (3 kW)	235	1.9	1071	121	BG30-../DPE11LB4	7.50	618	2750	-	-	128	58
4 HP (3 kW)	235	2.4	1071	121	BG40-../DPE11LB4	7.62	596	2650	-	-	170	77
4 HP (3 kW)	225	1.7	1124	127	BG30-../DPE11LB4	7.91	396	1760	-	-	128	58
4 HP (3 kW)	215	2.6	1177	133	BG40-../DPE11LB4	8.31	922	4100	-	-	170	77
4 HP (3 kW)	205	1.75	1230	139	BG30-../DPE11LB4	8.60	629	2800	-	-	128	58
4 HP (3 kW)	196	2.0	1292	146	BG40-../DPE11LB4	9.00	596	2650	-	-	170	77
4 HP (3 kW)	191	2.4	1328	150	BG40-../DPE11LB4	9.23	978	4350	-	-	170	77
4 HP (3 kW)	185	1.65	1363	154	BG30-../DPE11LB4	9.55	674	3000	-	-	128	58
4 HP (3 kW)	171	2.3	1478	167	BG40-../DPE11LB4	10.35	978	4350	-	-	170	77
4 HP (3 kW)	166	1.55	1522	172	BG30-../DPE11LB4	10.65	663	2950	-	-	128	58
4 HP (3 kW)	154	2.1	1646	186	BG40-../DPE11LB4	11.49	1034	4600	-	-	170	77
4 HP (3 kW)	149	1.45	1699	192	BG30-../DPE11LB4	11.82	719	3200	-	-	128	58

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

BG-series helical-geared motors

Selection helical-geared motors

4 HP (3 kW)



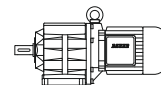
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	146	2.9	1735	196	BG50-../DPE11LB4	12.06	1281	5700	-	-	190	86
4 HP (3 kW)	137	2.0	1814	205	BG40-../DPE11LB4	12.86	1012	4500	-	-	170	77
4 HP (3 kW)	132	2.8	1903	215	BG50-../DPE11LB4	13.36	1371	6100	-	-	190	86
4 HP (3 kW)	128	1.35	1947	220	BG30-../DPE11LB4	13.77	708	3150	-	-	128	58
4 HP (3 kW)	124	1.85	2036	230	BG40-../DPE11LB4	14.28	1102	4900	-	-	170	77
4 HP (3 kW)	116	1.2	2168	245	BG30-../DPE11LB4	15.27	776	3450	-	-	128	58
4 HP (3 kW)	108	1.6	2345	265	BG40-../DPE11LB4	16.39	1191	5300	-	-	170	77
4 HP (3 kW)	107	2.4	2345	265	BG50-../DPE11LB4	16.53	1461	6500	-	-	190	86
4 HP (3 kW)	104	1.1	2434	275	BG30-../DPE11LB4	17.06	832	3700	-	-	128	58
4 HP (3 kW)	97	1.45	2611	295	BG40-../DPE11LB4	18.19	1259	5600	-	-	170	77
4 HP (3 kW)	97	2.1	2611	295	BG50-../DPE11LB4	18.33	1619	7200	-	-	190	86
4 HP (3 kW)	93	0.98	2699	305	BG30-../DPE11LB4	18.93	922	4100	-	-	128	58
4 HP (3 kW)	89	0.94	2832	320	BG30-../DPE11LB4	19.99	944	4200	-	-	128	58
4 HP (3 kW)	89	1.35	2832	320	BG40-../DPE11LB4	19.84	1304	5800	-	-	170	77
4 HP (3 kW)	81	1.8	3098	350	BG50-../DPE11LB4	21.96	1798	8000	-	-	190	86
4 HP (3 kW)	80	0.85	3142	355	BG30-../DPE11LB4	22.18	1034	4600	-	-	128	58
4 HP (3 kW)	80	1.2	3142	355	BG40-../DPE11LB4	22.02	1349	6000	-	-	170	77
4 HP (3 kW)	79	3.3	3186	360	BG60-../DPE11LB4	22.40	2990	13300	-	-	262	119
4 HP (3 kW)	76	1.15	3319	375	BG40-../DPE11LB4	23.43	1394	6200	-	-	170	77
4 HP (3 kW)	73	1.6	3452	390	BG50-../DPE11LB4	24.34	1956	8700	-	-	190	86
4 HP (3 kW)	71	3.0	3540	400	BG60-../DPE11LB4	24.82	3102	13800	-	-	262	119
4 HP (3 kW)	68	1.0	3717	420	BG40-../DPE11LB4	26.01	1461	6500	-	-	170	77
4 HP (3 kW)	61	2.6	4116	465	BG60-../DPE11LB4	29.31	3327	14800	-	-	262	119
4 HP (3 kW)	60	1.35	4204	475	BG50-../DPE11LB4	29.62	1798	8000	-	-	190	86
4 HP (3 kW)	55	2.3	4602	520	BG60-../DPE11LB4	32.48	3462	15400	-	-	262	119
4 HP (3 kW)	54	1.2	4691	530	BG50-../DPE11LB4	32.84	1956	8700	-	-	190	86
4 HP (3 kW)	46.5	1.05	5399	610	BG50-../DPE11LB4	37.89	2248	10000	-	-	190	86
4 HP (3 kW)	45.5	1.95	5487	620	BG60-../DPE11LB4	38.85	3597	16000	-	-	262	119
4 HP (3 kW)	42	0.93	6019	680	BG50-../DPE11LB4	42.00	2248	10000	-	-	190	86
4 HP (3 kW)	41	1.75	6107	690	BG60-../DPE11LB4	43.05	3597	16000	-	-	262	119
4 HP (3 kW)	38	3.1	6638	750	BG70-../DPE11LB4	46.54	4496	20000	-	-	328	149
4 HP (3 kW)	37.5	0.83	6727	760	BG50-../DPE11LB4	47.02	2248	10000	-	-	190	86
4 HP (3 kW)	35	1.5	7169	810	BG60-../DPE11LB4	50.31	3597	16000	-	-	262	119
4 HP (3 kW)	35	2.8	7169	810	BG70-../DPE11LB4	50.40	4496	20000	-	-	328	149
4 HP (3 kW)	32	1.35	7877	890	BG60-../DPE11LB4	55.76	3597	16000	-	-	262	119
4 HP (3 kW)	29.5	2.4	8585	970	BG70-../DPE11LB4	59.82	4496	20000	-	-	328	149
4 HP (3 kW)	29	1.2	8674	980	BG60-../DPE11LB4	60.90	3597	16000	-	-	262	119
4 HP (3 kW)	27.5	2.2	9205	1040	BG70Z-../DPE11LB4	64.85	4496	20000	-	-	388	176
4 HP (3 kW)	26.5	1.1	9559	1080	BG60-../DPE11LB4	67.49	3597	16000	-	-	262	119
4 HP (3 kW)	26	1.1	9736	1100	BG60Z-../DPE11LB4	68.32	3597	16000	-	-	298	135
4 HP (3 kW)	24	1.95	10532	1190	BG70Z-../DPE11LB4	73.82	4496	20000	-	-	388	176
4 HP (3 kW)	23.5	0.99	10709	1210	BG60Z-../DPE11LB4	75.71	3597	16000	-	-	298	135
4 HP (3 kW)	21	3.1	12037	1360	BG80Z-../DPE11LB4	84.55	5845	26000	-	-	542	246
4 HP (3 kW)	20.5	1.65	12303	1390	BG70Z-../DPE11LB4	87.61	4496	20000	-	-	388	176
4 HP (3 kW)	19.5	0.82	12922	1460	BG60Z-../DPE11LB4	91.09	3597	16000	-	-	298	135
4 HP (3 kW)	19	2.8	13276	1500	BG80Z-../DPE11LB4	93.89	5845	26000	-	-	542	246
4 HP (3 kW)	18.5	1.5	13630	1540	BG70Z-../DPE11LB4	95.74	4496	20000	-	-	388	176
4 HP (3 kW)	16	2.3	15843	1790	BG80Z-../DPE11LB4	112.4	5845	26000	-	-	542	246
4 HP (3 kW)	15.5	1.25	16285	1840	BG70Z-../DPE11LB4	113.6	4496	20000	-	-	388	176
4 HP (3 kW)	14.5	1.15	17436	1970	BG70Z-../DPE11LB4	124.0	4496	20000	-	-	388	176
4 HP (3 kW)	14.5	2.1	17436	1970	BG80Z-../DPE11LB4	124.8	5845	26000	-	-	542	246
4 HP (3 kW)	12.5	1.85	19914	2250	BG80Z-../DPE11LB4	145.4	5845	26000	-	-	542	246
4 HP (3 kW)	12	0.98	20799	2350	BG70Z-../DPE11LB4	147.2	4496	20000	-	-	388	176
4 HP (3 kW)	11	0.88	23012	2600	BG70Z-../DPE11LB4	163.8	4496	20000	-	-	388	176
4 HP (3 kW)	11	1.6	23012	2600	BG80Z-../DPE11LB4	161.5	5845	26000	-	-	542	246
4 HP (3 kW)	11	3.2	23012	2600	BG90Z-../DPE11LB4	163.0	14613	65000	-	-	767	348
4 HP (3 kW)	9.9	2.9	25225	2850	BG90Z-../DPE11LB4	178.5	14613	65000	-	-	767	348
4 HP (3 kW)	9.5	1.4	26552	3000	BG80Z-../DPE11LB4	186.8	5845	26000	-	-	542	246

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

BG-series helical-geared motors

Selection helical-geared motors

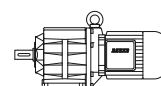
4 HP (3 kW)



P _N							Permissible Overhung Load					
			Output Torque				Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
4 HP (3 kW)	8.5	1.25	29650	3350	BG80Z-../DPE11LB4	207.4	5845	26000	-	-	542	246
4 HP (3 kW)	8.5	2.5	29650	3350	BG90Z-../DPE11LB4	208.3	14613	65000	-	-	767	348
4 HP (3 kW)	7.8	1.35	29650	3350	BG80G40-../DPE11LB4	227.2	5845	26000	-	-	560	254
4 HP (3 kW)	7.8	2.3	32305	3650	BG90Z-../DPE11LB4	228.1	14613	65000	-	-	767	348
4 HP (3 kW)	7.0	1.25	33190	3750	BG80G40-../DPE11LB4	252.3	5845	26000	-	-	560	254
4 HP (3 kW)	6.8	2.5	33190	3750	BG90G50-../DPE11LB4	262.5	14613	65000	-	-	805	365
4 HP (3 kW)	6.3	1.1	37173	4200	BG80G40-../DPE11LB4	282.8	5845	26000	-	-	560	254
4 HP (3 kW)	5.9	2.0	40271	4550	BG90G50-../DPE11LB4	298.8	14613	65000	-	-	805	365
4 HP (3 kW)	5.7	0.99	41156	4650	BG80G40-../DPE11LB4	314.0	5845	26000	-	-	560	254
4 HP (3 kW)	4.9	0.84	48679	5500	BG80G40-../DPE11LB4	360.0	5845	26000	-	-	560	254
4 HP (3 kW)	4.9	1.75	46909	5300	BG90G50-../DPE11LB4	360.3	14613	65000	-	-	805	365
4 HP (3 kW)	4.7	3.1	53104	6000	BG100Z-../DPE11LB4	382.6	20233	90000	-	-	1224	555
4 HP (3 kW)	4.1	1.4	58415	6600	BG90G50-../DPE11LB4	435.8	14613	65000	-	-	805	365
4 HP (3 kW)	3.9	2.5	64610	7300	BG100Z-../DPE11LB4	456.7	20233	90000	-	-	1224	555
4 HP (3 kW)	3.5	1.2	68151	7700	BG90G50-../DPE11LB4	504.7	14613	65000	-	-	805	365
4 HP (3 kW)	3.5	2.3	71691	8100	BG100Z-../DPE11LB4	508.5	20233	90000	-	-	1224	555
4 HP (3 kW)	3.0	1.05	78772	8900	BG90G50-../DPE11LB4	588.8	14613	65000	-	-	805	365
4 HP (3 kW)	3.0	1.95	84082	9500	BG100Z-../DPE11LB4	591.1	20233	90000	-	-	1224	555
4 HP (3 kW)	2.8	0.96	84967	9600	BG90G50-../DPE11LB4	644.7	14613	65000	-	-	805	365
4 HP (3 kW)	2.7	1.75	93818	10600	BG100Z-../DPE11LB4	658.1	20233	90000	-	-	1224	555
4 HP (3 kW)	2.5	0.85	95588	10800	BG90G50-../DPE11LB4	714.2	14613	65000	-	-	805	365
4 HP (3 kW)	2.4	1.55	105324	11900	BG100Z-../DPE11LB4	759.0	20233	90000	-	-	1224	555
4 HP (3 kW)	2.1	1.35	120370	13600	BG100Z-../DPE11LB4	845.1	20233	90000	-	-	1224	555
4 HP (3 kW)	1.9	1.4	118600	13400	BG100G50-../DPE11LB4	976.1	20233	90000	-	-	1217	552
4 HP (3 kW)	1.7	1.2	136301	15400	BG100G50-../DPE11LB4	1043	20233	90000	-	-	1217	552
4 HP (3 kW)	1.5	1.05	154003	17400	BG100G50-../DPE11LB4	1204	20233	90000	-	-	1217	552
4 HP (3 kW)	1.3	0.9	182325	20600	BG100G50-../DPE11LB4	1444	20233	90000	-	-	1217	552

6

5 HP (3.7 kW)



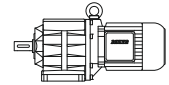
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	660	2.4	469	53	BG30-../DPE11LB4	2.67	326	1450	-	-	128	58
5 HP (3.7 kW)	520	2.1	593	67	BG30-../DPE11LB4	3.40	355	1580	-	-	128	58
5 HP (3.7 kW)	445	3.1	699	79	BG40-../DPE11LB4	3.97	540	2400	-	-	170	77
5 HP (3.7 kW)	420	2.0	743	84	BG30-../DPE11LB4	4.21	366	1630	-	-	128	58
5 HP (3.7 kW)	360	2.7	867	98	BG40-../DPE11LB4	4.94	551	2450	-	-	170	77
5 HP (3.7 kW)	325	1.85	956	108	BG30-../DPE11LB4	5.44	375	1670	-	-	128	58
5 HP (3.7 kW)	275	2.4	1133	128	BG40-../DPE11LB4	6.40	843	3750	-	-	170	77
5 HP (3.7 kW)	265	1.7	1177	133	BG30-../DPE11LB4	6.76	573	2550	-	-	128	58
5 HP (3.7 kW)	250	2.3	1248	141	BG40-../DPE11LB4	7.11	888	3950	-	-	170	77
5 HP (3.7 kW)	235	1.55	1328	150	BG30-../DPE11LB4	7.50	618	2750	-	-	128	58
5 HP (3.7 kW)	235	1.95	1328	150	BG40-../DPE11LB4	7.62	596	2650	-	-	170	77
5 HP (3.7 kW)	225	1.4	1390	157	BG30-../DPE11LB4	7.91	396	1760	-	-	128	58
5 HP (3.7 kW)	215	2.1	1452	164	BG40-../DPE11LB4	8.31	922	4100	-	-	170	77
5 HP (3.7 kW)	205	1.45	1522	172	BG30-../DPE11LB4	8.60	629	2800	-	-	128	58
5 HP (3.7 kW)	205	3.0	1522	172	BG50-../DPE11LB4	8.70	1191	5300	-	-	190	86
5 HP (3.7 kW)	196	1.65	1593	180	BG40-../DPE11LB4	9.00	596	2650	-	-	170	77
5 HP (3.7 kW)	191	1.95	1637	185	BG40-../DPE11LB4	9.23	978	4350	-	-	170	77
5 HP (3.7 kW)	185	1.35	1690	191	BG30-../DPE11LB4	9.55	674	3000	-	-	128	58
5 HP (3.7 kW)	183	2.7	1708	193	BG50-../DPE11LB4	9.65	1259	5600	-	-	190	86
5 HP (3.7 kW)	171	1.85	1814	205	BG40-../DPE11LB4	10.35	978	4350	-	-	170	77

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

BG-series helical-geared motors

Selection helical-geared motors

5 HP (3.7 kW)



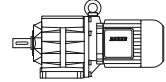
P _N							Permissible Overhung Load					
			Output Torque				Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
5 HP (3.7 kW)	166	1.25	1859	210	BG30-../DPE11LB4	10.65	663	2950	-	-	128	58
5 HP (3.7 kW)	154	1.75	1991	225	BG40-../DPE11LB4	11.49	1034	4600	-	-	170	77
5 HP (3.7 kW)	149	1.15	2080	235	BG30-../DPE11LB4	11.82	719	3200	-	-	128	58
5 HP (3.7 kW)	146	2.4	2124	240	BG50-../DPE11LB4	12.06	1281	5700	-	-	190	86
5 HP (3.7 kW)	137	1.6	2257	255	BG40-../DPE11LB4	12.86	1012	4500	-	-	170	77
5 HP (3.7 kW)	132	2.2	2345	265	BG50-../DPE11LB4	13.36	1371	6100	-	-	190	86
5 HP (3.7 kW)	128	1.05	2434	275	BG30-../DPE11LB4	13.77	708	3150	-	-	128	58
5 HP (3.7 kW)	124	1.5	2478	280	BG40-../DPE11LB4	14.28	1102	4900	-	-	170	77
5 HP (3.7 kW)	116	1.0	2655	300	BG30-../DPE11LB4	15.27	776	3450	-	-	128	58
5 HP (3.7 kW)	108	1.3	2876	325	BG40-../DPE11LB4	16.39	1191	5300	-	-	170	77
5 HP (3.7 kW)	107	1.9	2921	330	BG50-../DPE11LB4	16.53	1461	6500	-	-	190	86
5 HP (3.7 kW)	105	3.3	2965	335	BG60-../DPE11LB4	16.80	2698	12000	-	-	262	119
5 HP (3.7 kW)	104	0.9	2965	335	BG30-../DPE11LB4	17.06	832	3700	-	-	128	58
5 HP (3.7 kW)	97	1.2	3186	360	BG40-../DPE11LB4	18.19	1259	5600	-	-	170	77
5 HP (3.7 kW)	97	1.75	3186	360	BG50-../DPE11LB4	18.33	1619	7200	-	-	190	86
5 HP (3.7 kW)	95	3.1	3275	370	BG60-../DPE11LB4	18.62	2788	12400	-	-	262	119
5 HP (3.7 kW)	93	0.8	3319	375	BG30-../DPE11LB4	18.93	922	4100	-	-	128	58
5 HP (3.7 kW)	89	1.1	3496	395	BG40-../DPE11LB4	19.84	1304	5800	-	-	170	77
5 HP (3.7 kW)	81	1.45	3850	435	BG50-../DPE11LB4	21.96	1798	8000	-	-	190	86
5 HP (3.7 kW)	80	0.97	3894	440	BG40-../DPE11LB4	22.02	1349	6000	-	-	170	77
5 HP (3.7 kW)	79	2.7	3939	445	BG60-../DPE11LB4	22.40	2990	13300	-	-	262	119
5 HP (3.7 kW)	76	0.92	4071	460	BG40-../DPE11LB4	23.43	1394	6200	-	-	170	77
5 HP (3.7 kW)	73	1.3	4248	480	BG50-../DPE11LB4	24.34	1956	8700	-	-	190	86
5 HP (3.7 kW)	71	2.4	4381	495	BG60-../DPE11LB4	24.82	3102	13800	-	-	262	119
5 HP (3.7 kW)	68	0.83	4514	510	BG40-../DPE11LB4	26.01	1461	6500	-	-	170	77
5 HP (3.7 kW)	61	2.1	5045	570	BG60-../DPE11LB4	29.31	3327	14800	-	-	262	119
5 HP (3.7 kW)	60	1.1	5133	580	BG50-../DPE11LB4	29.62	1798	8000	-	-	190	86
5 HP (3.7 kW)	55	1.9	5664	640	BG60-../DPE11LB4	32.48	3462	15400	-	-	262	119
5 HP (3.7 kW)	54	0.97	5753	650	BG50-../DPE11LB4	32.84	1956	8700	-	-	190	86
5 HP (3.7 kW)	50	3.3	6196	700	BG70-../DPE11LB4	35.24	4114	18300	-	-	328	149
5 HP (3.7 kW)	46.5	0.84	6638	750	BG50-../DPE11LB4	37.89	2248	10000	-	-	190	86
5 HP (3.7 kW)	45.5	1.55	6815	770	BG60-../DPE11LB4	38.85	3597	16000	-	-	262	119
5 HP (3.7 kW)	45	2.9	6904	780	BG70-../DPE11LB4	39.22	4294	19100	-	-	328	149
5 HP (3.7 kW)	41	1.4	7612	860	BG60-../DPE11LB4	43.05	3597	16000	-	-	262	119
5 HP (3.7 kW)	38	2.5	8143	920	BG70-../DPE11LB4	46.54	4496	20000	-	-	328	149
5 HP (3.7 kW)	35	1.2	8851	1000	BG60-../DPE11LB4	50.31	3597	16000	-	-	262	119
5 HP (3.7 kW)	35	2.3	8851	1000	BG70-../DPE11LB4	50.40	4496	20000	-	-	328	149
5 HP (3.7 kW)	32	1.1	9736	1100	BG60-../DPE11LB4	55.76	3597	16000	-	-	262	119
5 HP (3.7 kW)	29.5	1.95	10532	1190	BG70-../DPE11LB4	59.82	4496	20000	-	-	328	149
5 HP (3.7 kW)	29	0.99	10709	1210	BG60-../DPE11LB4	60.90	3597	16000	-	-	262	119
5 HP (3.7 kW)	28	3.3	11152	1260	BG80-../DPE11LB4	63.56	5845	26000	-	-	450	204
5 HP (3.7 kW)	27.5	1.8	11329	1280	BG70Z-../DPE11LB4	64.85	4496	20000	-	-	388	176
5 HP (3.7 kW)	27	3.2	11506	1300	BG80Z-../DPE11LB4	66.40	5845	26000	-	-	542	246
5 HP (3.7 kW)	26.5	0.9	11771	1330	BG60-../DPE11LB4	67.49	3597	16000	-	-	262	119
5 HP (3.7 kW)	26	0.89	11949	1350	BG60Z-../DPE11LB4	68.32	3597	16000	-	-	298	135
5 HP (3.7 kW)	24	1.55	13011	1470	BG70Z-../DPE11LB4	73.82	4496	20000	-	-	388	176
5 HP (3.7 kW)	24	2.9	13011	1470	BG80Z-../DPE11LB4	73.73	5845	26000	-	-	542	246
5 HP (3.7 kW)	23.5	0.8	13276	1500	BG60Z-../DPE11LB4	75.71	3597	16000	-	-	298	135
5 HP (3.7 kW)	21	2.5	14869	1680	BG80Z-../DPE11LB4	84.55	5845	26000	-	-	542	246
5 HP (3.7 kW)	20.5	1.35	15223	1720	BG70Z-../DPE11LB4	87.61	4496	20000	-	-	388	176
5 HP (3.7 kW)	19	2.3	16374	1850	BG80Z-../DPE11LB4	93.89	5845	26000	-	-	542	246
5 HP (3.7 kW)	18.5	1.2	16905	1910	BG70Z-../DPE11LB4	95.74	4496	20000	-	-	388	176
5 HP (3.7 kW)	16	1.9	19472	2200	BG80Z-../DPE11LB4	112.4	5845	26000	-	-	542	246
5 HP (3.7 kW)	15.5	1.0	19914	2250	BG70Z-../DPE11LB4	113.6	4496	20000	-	-	388	176
5 HP (3.7 kW)	14.5	0.96	21242	2400	BG70Z-../DPE11LB4	124.0	4496	20000	-	-	388	176
5 HP (3.7 kW)	14.5	1.75	21242	2400	BG80Z-../DPE11LB4	124.8	5845	26000	-	-	542	246
5 HP (3.7 kW)	13	3.1	23897	2700	BG90Z-../DPE11LB4	139.2	14613	65000	-	-	767	348
5 HP (3.7 kW)	12.5	1.5	24782	2800	BG80Z-../DPE11LB4	145.4	5845	26000	-	-	542	246

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

BG-series helical-geared motors

Selection helical-geared motors

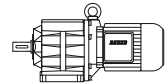
5 HP (3.7 kW)



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
5 HP (3.7 kW)	11	1.3	28322	3200	BG80Z-../DPE11LB4	161.5	5845	26000	-	-	542	246
5 HP (3.7 kW)	11	2.6	28322	3200	BG90Z-../DPE11LB4	163.0	14613	65000	-	-	767	348
5 HP (3.7 kW)	9.9	2.4	31420	3550	BG90Z-../DPE11LB4	178.5	14613	65000	-	-	767	348
5 HP (3.7 kW)	9.5	1.15	32748	3700	BG80Z-../DPE11LB4	186.8	5845	26000	-	-	542	246
5 HP (3.7 kW)	8.5	1.0	36731	4150	BG80Z-../DPE11LB4	207.4	5845	26000	-	-	542	246
5 HP (3.7 kW)	8.5	2.0	36731	4150	BG90Z-../DPE11LB4	208.3	14613	65000	-	-	767	348
5 HP (3.7 kW)	7.8	1.1	37616	4250	BG80G40-../DPE11LB4	227.2	5845	26000	-	-	560	254
5 HP (3.7 kW)	7.8	1.85	39828	4500	BG90Z-../DPE11LB4	228.1	14613	65000	-	-	767	348
5 HP (3.7 kW)	7.0	0.98	41599	4700	BG80G40-../DPE11LB4	252.3	5845	26000	-	-	560	254
5 HP (3.7 kW)	6.8	1.95	42041	4750	BG90G50-../DPE11LB4	262.5	14613	65000	-	-	805	365
5 HP (3.7 kW)	6.8	3.3	45139	5100	BG100-../DPE11LB4	259.0	20233	90000	-	-	1025	465
5 HP (3.7 kW)	6.3	0.87	46909	5300	BG80G40-../DPE11LB4	282.8	5845	26000	-	-	560	254
5 HP (3.7 kW)	5.9	1.6	50449	5700	BG90G50-../DPE11LB4	298.8	14613	65000	-	-	805	365
5 HP (3.7 kW)	5.9	3.1	52219	5900	BG100Z-../DPE11LB4	300.4	20233	90000	-	-	1224	555
5 HP (3.7 kW)	5.2	2.8	59300	6700	BG100Z-../DPE11LB4	343.6	20233	90000	-	-	1224	555
5 HP (3.7 kW)	4.9	1.35	59300	6700	BG90G50-../DPE11LB4	360.3	14613	65000	-	-	805	365
5 HP (3.7 kW)	4.7	2.5	66381	7500	BG100Z-../DPE11LB4	382.6	20233	90000	-	-	1224	555
5 HP (3.7 kW)	4.1	1.1	72576	8200	BG90G50-../DPE11LB4	435.8	14613	65000	-	-	805	365
5 HP (3.7 kW)	3.9	2.1	79657	9000	BG100Z-../DPE11LB4	456.7	20233	90000	-	-	1224	555
5 HP (3.7 kW)	3.5	0.96	84967	9600	BG90G50-../DPE11LB4	504.7	14613	65000	-	-	805	365
5 HP (3.7 kW)	3.5	1.85	88507	10000	BG100Z-../DPE11LB4	508.5	20233	90000	-	-	1224	555
5 HP (3.7 kW)	3.0	0.82	99128	11200	BG90G50-../DPE11LB4	588.8	14613	65000	-	-	805	365
5 HP (3.7 kW)	3.0	1.6	103554	11700	BG100Z-../DPE11LB4	591.1	20233	90000	-	-	1224	555
5 HP (3.7 kW)	2.7	1.4	115060	13000	BG100Z-../DPE11LB4	658.1	20233	90000	-	-	1224	555
5 HP (3.7 kW)	2.4	1.25	130106	14700	BG100Z-../DPE11LB4	759.0	20233	90000	-	-	1224	555
5 HP (3.7 kW)	2.1	1.1	148693	16800	BG100Z-../DPE11LB4	845.1	20233	90000	-	-	1224	555
5 HP (3.7 kW)	1.9	1.1	150463	17000	BG100G50-../DPE11LB4	976.1	20233	90000	-	-	1217	552
5 HP (3.7 kW)	1.7	0.96	170819	19300	BG100G50-../DPE11LB4	1043	20233	90000	-	-	1217	552
5 HP (3.7 kW)	1.5	0.84	193831	21900	BG100G50-../DPE11LB4	1204	20233	90000	-	-	1217	552

6

5.5 HP (4.0 kW)



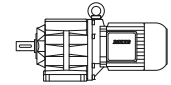
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	660	2.2	504	57	BG30-../DPE11LB4	2.67	326	1450	-	-	128	58
5.5 HP (4.0 kW)	560	3.3	602	68	BG40-../DPE11LB4	3.19	528	2350	-	-	170	77
5.5 HP (4.0 kW)	520	1.9	646	73	BG30-../DPE11LB4	3.40	355	1580	-	-	128	58
5.5 HP (4.0 kW)	445	2.9	752	85	BG40-../DPE11LB4	3.97	540	2400	-	-	170	77
5.5 HP (4.0 kW)	420	1.9	797	90	BG30-../DPE11LB4	4.21	366	1630	-	-	128	58
5.5 HP (4.0 kW)	360	2.5	938	106	BG40-../DPE11LB4	4.94	551	2450	-	-	170	77
5.5 HP (4.0 kW)	325	1.7	1036	117	BG30-../DPE11LB4	5.44	375	1670	-	-	128	58
5.5 HP (4.0 kW)	275	2.3	1221	138	BG40-../DPE11LB4	6.40	843	3750	-	-	170	77
5.5 HP (4.0 kW)	265	1.55	1275	144	BG30-../DPE11LB4	6.76	573	2550	-	-	128	58
5.5 HP (4.0 kW)	265	3.1	1275	144	BG50-../DPE11LB4	6.74	843	3750	-	-	190	86
5.5 HP (4.0 kW)	250	2.1	1345	152	BG40-../DPE11LB4	7.11	888	3950	-	-	170	77
5.5 HP (4.0 kW)	235	1.45	1434	162	BG30-../DPE11LB4	7.50	618	2750	-	-	128	58
5.5 HP (4.0 kW)	235	1.8	1434	162	BG40-../DPE11LB4	7.62	596	2650	-	-	170	77
5.5 HP (4.0 kW)	225	1.3	1496	169	BG30-../DPE11LB4	7.91	396	1760	-	-	128	58
5.5 HP (4.0 kW)	215	1.95	1567	177	BG40-../DPE11LB4	8.31	922	4100	-	-	170	77
5.5 HP (4.0 kW)	205	1.3	1646	186	BG30-../DPE11LB4	8.60	629	2800	-	-	128	58
5.5 HP (4.0 kW)	205	2.7	1646	186	BG50-../DPE11LB4	8.70	1191	5300	-	-	190	86
5.5 HP (4.0 kW)	196	1.5	1717	194	BG40-../DPE11LB4	9.00	596	2650	-	-	170	77

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

BG-series helical-geared motors

Selection helical-geared motors

5.5 HP (4.0 kW)



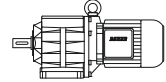
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
5.5 HP (4.0 kW)	191	1.8	1770	200	BG40-../DPE11LB4	9.23	978	4350	-	-	170	77
5.5 HP (4.0 kW)	185	1.25	1814	205	BG30-../DPE11LB4	9.55	674	3000	-	-	128	58
5.5 HP (4.0 kW)	183	2.6	1814	205	BG50-../DPE11LB4	9.65	1259	5600	-	-	190	86
5.5 HP (4.0 kW)	171	1.7	1947	220	BG40-../DPE11LB4	10.35	978	4350	-	-	170	77
5.5 HP (4.0 kW)	166	1.15	2036	230	BG30-../DPE11LB4	10.65	663	2950	-	-	128	58
5.5 HP (4.0 kW)	154	1.6	2168	245	BG40-../DPE11LB4	11.49	1034	4600	-	-	170	77
5.5 HP (4.0 kW)	149	1.05	2257	255	BG30-../DPE11LB4	11.82	719	3200	-	-	128	58
5.5 HP (4.0 kW)	146	2.2	2301	260	BG50-../DPE11LB4	12.06	1281	5700	-	-	190	86
5.5 HP (4.0 kW)	137	1.5	2434	275	BG40-../DPE11LB4	12.86	1012	4500	-	-	170	77
5.5 HP (4.0 kW)	132	2.1	2522	285	BG50-../DPE11LB4	13.36	1371	6100	-	-	190	86
5.5 HP (4.0 kW)	128	1.0	2611	295	BG30-../DPE11LB4	13.77	708	3150	-	-	128	58
5.5 HP (4.0 kW)	124	1.4	2699	305	BG40-../DPE11LB4	14.28	1102	4900	-	-	170	77
5.5 HP (4.0 kW)	116	0.92	2876	325	BG30-../DPE11LB4	15.27	776	3450	-	-	128	58
5.5 HP (4.0 kW)	108	1.2	3098	350	BG40-../DPE11LB4	16.39	1191	5300	-	-	170	77
5.5 HP (4.0 kW)	107	1.75	3142	355	BG50-../DPE11LB4	16.53	1461	6500	-	-	190	86
5.5 HP (4.0 kW)	105	3.1	3186	360	BG60-../DPE11LB4	16.80	2698	12000	-	-	262	119
5.5 HP (4.0 kW)	104	0.82	3231	365	BG30-../DPE11LB4	17.06	832	3700	-	-	128	58
5.5 HP (4.0 kW)	97	1.1	3452	390	BG40-../DPE11LB4	18.19	1259	5600	-	-	170	77
5.5 HP (4.0 kW)	97	1.6	3452	390	BG50-../DPE11LB4	18.33	1619	7200	-	-	190	86
5.5 HP (4.0 kW)	95	2.9	3540	400	BG60-../DPE11LB4	18.62	2788	12400	-	-	262	119
5.5 HP (4.0 kW)	89	1.0	3762	425	BG40-../DPE11LB4	19.84	1304	5800	-	-	170	77
5.5 HP (4.0 kW)	81	1.35	4160	470	BG50-../DPE11LB4	21.96	1798	8000	-	-	190	86
5.5 HP (4.0 kW)	80	0.89	4204	475	BG40-../DPE11LB4	22.02	1349	6000	-	-	170	77
5.5 HP (4.0 kW)	79	2.5	4248	480	BG60-../DPE11LB4	22.40	2990	13300	-	-	262	119
5.5 HP (4.0 kW)	76	0.85	4425	500	BG40-../DPE11LB4	23.43	1394	6200	-	-	170	77
5.5 HP (4.0 kW)	73	1.2	4602	520	BG50-../DPE11LB4	24.34	1956	8700	-	-	190	86
5.5 HP (4.0 kW)	71	2.3	4691	530	BG60-../DPE11LB4	24.82	3102	13800	-	-	262	119
5.5 HP (4.0 kW)	61	1.95	5487	620	BG60-../DPE11LB4	29.31	3327	14800	-	-	262	119
5.5 HP (4.0 kW)	60	1.0	5576	630	BG50-../DPE11LB4	29.62	1798	8000	-	-	190	86
5.5 HP (4.0 kW)	55	1.75	6107	690	BG60-../DPE11LB4	32.48	3462	15400	-	-	262	119
5.5 HP (4.0 kW)	54	0.9	6196	700	BG50-../DPE11LB4	32.84	1956	8700	-	-	190	86
5.5 HP (4.0 kW)	50	3.0	6727	760	BG70-../DPE11LB4	35.24	4114	18300	-	-	328	149
5.5 HP (4.0 kW)	45.5	1.45	7346	830	BG60-../DPE11LB4	38.85	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	45	2.7	7435	840	BG70-../DPE11LB4	39.22	4294	19100	-	-	328	149
5.5 HP (4.0 kW)	41	1.3	8231	930	BG60-../DPE11LB4	43.05	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	38	2.3	8851	1000	BG70-../DPE11LB4	46.54	4496	20000	-	-	328	149
5.5 HP (4.0 kW)	35	1.1	9647	1090	BG60-../DPE11LB4	50.31	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	35	2.1	9647	1090	BG70-../DPE11LB4	50.40	4496	20000	-	-	328	149
5.5 HP (4.0 kW)	32	1.0	10532	1190	BG60-../DPE11LB4	55.76	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	29.5	1.8	11417	1290	BG70-../DPE11LB4	59.82	4496	20000	-	-	328	149
5.5 HP (4.0 kW)	29	0.92	11594	1310	BG60-../DPE11LB4	60.90	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	28	3.1	12037	1360	BG80-../DPE11LB4	63.56	5845	26000	-	-	450	204
5.5 HP (4.0 kW)	27.5	1.65	12214	1380	BG70Z-../DPE11LB4	64.85	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	27	3.0	12480	1410	BG80Z-../DPE11LB4	66.40	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	26.5	0.83	12745	1440	BG60-../DPE11LB4	67.49	3597	16000	-	-	262	119
5.5 HP (4.0 kW)	26	0.82	12922	1460	BG60Z-../DPE11LB4	68.32	3597	16000	-	-	298	135
5.5 HP (4.0 kW)	24	1.45	14073	1590	BG70Z-../DPE11LB4	73.82	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	24	2.6	14073	1590	BG80Z-../DPE11LB4	73.73	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	21	2.3	16020	1810	BG80Z-../DPE11LB4	84.55	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	20.5	1.25	16462	1860	BG70Z-../DPE11LB4	87.61	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	19	2.1	17701	2000	BG80Z-../DPE11LB4	93.89	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	18.5	1.1	18144	2050	BG70Z-../DPE11LB4	95.74	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	16	1.8	20799	2350	BG80Z-../DPE11LB4	112.4	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	15.5	0.94	21684	2450	BG70Z-../DPE11LB4	113.6	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	14.5	0.88	23012	2600	BG70Z-../DPE11LB4	124.0	4496	20000	-	-	388	176
5.5 HP (4.0 kW)	14.5	1.6	23012	2600	BG80Z-../DPE11LB4	124.8	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	14	3.1	23897	2700	BG90Z-../DPE11LB4	127.1	14613	65000	-	-	767	348
5.5 HP (4.0 kW)	13	2.9	25667	2900	BG90Z-../DPE11LB4	139.2	14613	65000	-	-	767	348

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

BG-series helical-geared motors

Selection helical-geared motors

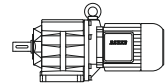
5.5 HP (4.0 kW)



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
5.5 HP (4.0 kW)	12.5	1.4	26995	3050	BG80Z-../DPE11LB4	145.4	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	11	1.2	30535	3450	BG80Z-../DPE11LB4	161.5	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	11	2.4	30535	3450	BG90Z-../DPE11LB4	163.0	14613	65000	-	-	767	348
5.5 HP (4.0 kW)	9.9	2.2	34075	3850	BG90Z-../DPE11LB4	178.5	14613	65000	-	-	767	348
5.5 HP (4.0 kW)	9.5	1.05	35403	4000	BG80Z-../DPE11LB4	186.8	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	8.5	0.94	39386	4450	BG80Z-../DPE11LB4	207.4	5845	26000	-	-	542	246
5.5 HP (4.0 kW)	8.5	1.9	39386	4450	BG90Z-../DPE11LB4	208.3	14613	65000	-	-	767	348
5.5 HP (4.0 kW)	7.8	1.0	40713	4600	BG80G40-../DPE11LB4	227.2	5845	26000	-	-	560	254
5.5 HP (4.0 kW)	7.8	1.75	42926	4850	BG90Z-../DPE11LB4	228.1	14613	65000	-	-	767	348
5.5 HP (4.0 kW)	7.0	0.9	45139	5100	BG80G40-../DPE11LB4	252.3	5845	26000	-	-	560	254
5.5 HP (4.0 kW)	6.8	1.8	45139	5100	BG90G50-../DPE11LB4	262.5	14613	65000	-	-	805	365
5.5 HP (4.0 kW)	6.8	3.0	49564	5600	BG100-../DPE11LB4	259.0	20233	90000	-	-	1025	465
5.5 HP (4.0 kW)	6.6	3.2	50449	5700	BG100Z-../DPE11LB4	269.8	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	6.3	0.81	50449	5700	BG80G40-../DPE11LB4	282.8	5845	26000	-	-	560	254
5.5 HP (4.0 kW)	5.9	1.5	53990	6100	BG90G50-../DPE11LB4	298.8	14613	65000	-	-	805	365
5.5 HP (4.0 kW)	5.9	2.9	56645	6400	BG100Z-../DPE11LB4	300.4	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	5.2	2.5	64610	7300	BG100Z-../DPE11LB4	343.6	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	4.9	1.25	64610	7300	BG90G50-../DPE11LB4	360.3	14613	65000	-	-	805	365
5.5 HP (4.0 kW)	4.7	2.3	71691	8100	BG100Z-../DPE11LB4	382.6	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	4.1	1.05	78772	8900	BG90G50-../DPE11LB4	435.8	14613	65000	-	-	805	365
5.5 HP (4.0 kW)	3.9	1.9	85852	9700	BG100Z-../DPE11LB4	456.7	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	3.5	0.88	92048	10400	BG90G50-../DPE11LB4	504.7	14613	65000	-	-	805	365
5.5 HP (4.0 kW)	3.5	1.7	96473	10900	BG100Z-../DPE11LB4	508.5	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	3.0	1.45	112404	12700	BG100Z-../DPE11LB4	591.1	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	2.7	1.3	124796	14100	BG100Z-../DPE11LB4	658.1	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	2.4	1.15	140727	15900	BG100Z-../DPE11LB4	759.0	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	2.1	1.0	160198	18100	BG100Z-../DPE11LB4	845.1	20233	90000	-	-	1224	555
5.5 HP (4.0 kW)	1.9	1.0	163739	18500	BG100G50-../DPE11LB4	976.1	20233	90000	-	-	1217	552
5.5 HP (4.0 kW)	1.7	0.88	185866	21000	BG100G50-../DPE11LB4	1043	20233	90000	-	-	1217	552

6

6 HP (4.5 kW)



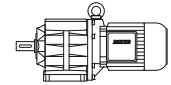
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	660	1.95	575	65	BG30-../DPE11LB4	2.67	326	1450	-	-	128	58
6 HP (4.5 kW)	550	2.9	690	78	BG40-../DPE11LB4	3.19	528	2350	-	-	170	77
6 HP (4.5 kW)	520	1.7	726	82	BG30-../DPE11LB4	3.40	355	1580	-	-	128	58
6 HP (4.5 kW)	445	2.5	850	96	BG40-../DPE11LB4	3.97	540	2400	-	-	170	77
6 HP (4.5 kW)	420	1.7	903	102	BG30-../DPE11LB4	4.21	366	1630	-	-	128	58
6 HP (4.5 kW)	360	3.3	1053	119	BG50-../DPE11LB4	4.91	787	3500	-	-	190	86
6 HP (4.5 kW)	355	2.2	1071	121	BG40-../DPE11LB4	4.94	551	2450	-	-	170	77
6 HP (4.5 kW)	325	1.5	1168	132	BG30-../DPE11LB4	5.44	375	1670	-	-	128	58
6 HP (4.5 kW)	290	3.0	1310	148	BG50-../DPE11LB4	6.07	1057	4700	-	-	190	86
6 HP (4.5 kW)	275	2.0	1381	156	BG40-../DPE11LB4	6.40	843	3750	-	-	170	77
6 HP (4.5 kW)	260	1.35	1460	165	BG30-../DPE11LB4	6.76	573	2550	-	-	128	58
6 HP (4.5 kW)	260	2.7	1460	165	BG50-../DPE11LB4	6.74	843	3750	-	-	190	86
6 HP (4.5 kW)	250	1.9	1513	171	BG40-../DPE11LB4	7.11	888	3950	-	-	170	77
6 HP (4.5 kW)	235	1.25	1611	182	BG30-../DPE11LB4	7.50	618	2750	-	-	128	58
6 HP (4.5 kW)	230	1.6	1646	186	BG40-../DPE11LB4	7.62	596	2650	-	-	170	77
6 HP (4.5 kW)	225	1.15	1690	191	BG30-../DPE11LB4	7.91	396	1760	-	-	128	58
6 HP (4.5 kW)	215	1.75	1761	199	BG40-../DPE11LB4	8.31	922	4100	-	-	170	77
6 HP (4.5 kW)	205	1.2	1814	205	BG30-../DPE11LB4	8.60	629	2800	-	-	128	58

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

BG-series helical-geared motors

Selection helical-geared motors

6 HP (4.5 kW)



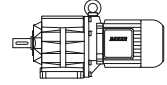
P _N							Permissible Overhung Load				Weight	
			Output Torque				Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
6 HP (4.5 kW)	205	2.5	1814	205	BG50-../DPE11LB4	8.70	1191	5300	-	-	190	86
6 HP (4.5 kW)	195	1.35	1947	220	BG40-../DPE11LB4	9.00	596	2650	-	-	170	77
6 HP (4.5 kW)	190	1.6	1991	225	BG40-../DPE11LB4	9.23	978	4350	-	-	170	77
6 HP (4.5 kW)	184	1.1	2036	230	BG30-../DPE11LB4	9.55	674	3000	-	-	128	58
6 HP (4.5 kW)	182	2.2	2080	235	BG50-../DPE11LB4	9.65	1259	5600	-	-	190	86
6 HP (4.5 kW)	170	1.5	2213	250	BG40-../DPE11LB4	10.35	978	4350	-	-	170	77
6 HP (4.5 kW)	165	1.0	2301	260	BG30-../DPE11LB4	10.65	663	2950	-	-	128	58
6 HP (4.5 kW)	153	1.4	2478	280	BG40-../DPE11LB4	11.49	1034	4600	-	-	170	77
6 HP (4.5 kW)	149	0.96	2522	285	BG30-../DPE11LB4	11.82	719	3200	-	-	128	58
6 HP (4.5 kW)	146	2.0	2567	290	BG50-../DPE11LB4	12.06	1281	5700	-	-	190	86
6 HP (4.5 kW)	137	1.35	2744	310	BG40-../DPE11LB4	12.86	1012	4500	-	-	170	77
6 HP (4.5 kW)	131	1.85	2876	325	BG50-../DPE11LB4	13.36	1371	6100	-	-	190	86
6 HP (4.5 kW)	130	3.1	2921	330	BG60-../DPE11LB4	13.47	2518	11200	-	-	262	119
6 HP (4.5 kW)	128	0.88	2965	335	BG30-../DPE11LB4	13.77	708	3150	-	-	128	58
6 HP (4.5 kW)	123	1.2	3054	345	BG40-../DPE11LB4	14.28	1102	4900	-	-	170	77
6 HP (4.5 kW)	115	0.81	3275	370	BG30-../DPE11LB4	15.27	776	3450	-	-	128	58
6 HP (4.5 kW)	107	1.05	3540	400	BG40-../DPE11LB4	16.39	1191	5300	-	-	170	77
6 HP (4.5 kW)	106	1.55	3585	405	BG50-../DPE11LB4	16.53	1461	6500	-	-	190	86
6 HP (4.5 kW)	105	2.7	3585	405	BG60-../DPE11LB4	16.80	2698	12000	-	-	262	119
6 HP (4.5 kW)	97	0.97	3894	440	BG40-../DPE11LB4	18.19	1259	5600	-	-	170	77
6 HP (4.5 kW)	96	1.4	3939	445	BG50-../DPE11LB4	18.33	1619	7200	-	-	190	86
6 HP (4.5 kW)	94	2.5	4027	455	BG60-../DPE11LB4	18.62	2788	12400	-	-	262	119
6 HP (4.5 kW)	89	0.89	4248	480	BG40-../DPE11LB4	19.84	1304	5800	-	-	170	77
6 HP (4.5 kW)	80	0.8	4691	530	BG40-../DPE11LB4	22.02	1349	6000	-	-	170	77
6 HP (4.5 kW)	80	1.2	4691	530	BG50-../DPE11LB4	21.96	1798	8000	-	-	190	86
6 HP (4.5 kW)	79	2.2	4779	540	BG60-../DPE11LB4	22.40	2990	13300	-	-	262	119
6 HP (4.5 kW)	72	1.05	5222	590	BG50-../DPE11LB4	24.34	1956	8700	-	-	190	86
6 HP (4.5 kW)	71	2.0	5310	600	BG60-../DPE11LB4	24.82	3102	13800	-	-	262	119
6 HP (4.5 kW)	60	0.89	6284	710	BG50-../DPE11LB4	29.62	1798	8000	-	-	190	86
6 HP (4.5 kW)	60	1.7	6284	710	BG60-../DPE11LB4	29.31	3327	14800	-	-	262	119
6 HP (4.5 kW)	59	3.2	6373	720	BG70-../DPE11LB4	29.69	3799	16900	-	-	328	149
6 HP (4.5 kW)	54	0.8	6992	790	BG50-../DPE11LB4	32.84	1956	8700	-	-	190	86
6 HP (4.5 kW)	54	1.5	6992	790	BG60-../DPE11LB4	32.48	3462	15400	-	-	262	119
6 HP (4.5 kW)	50	2.7	7523	850	BG70-../DPE11LB4	35.24	4114	18300	-	-	328	149
6 HP (4.5 kW)	45.5	1.3	8320	940	BG60-../DPE11LB4	38.85	3597	16000	-	-	262	119
6 HP (4.5 kW)	45	2.4	8408	950	BG70-../DPE11LB4	39.22	4294	19100	-	-	328	149
6 HP (4.5 kW)	41	1.15	9205	1040	BG60-../DPE11LB4	43.05	3597	16000	-	-	262	119
6 HP (4.5 kW)	38	2.0	10001	1130	BG70-../DPE11LB4	46.54	4496	20000	-	-	328	149
6 HP (4.5 kW)	35	0.98	10798	1220	BG60-../DPE11LB4	50.31	3597	16000	-	-	262	119
6 HP (4.5 kW)	35	1.9	10798	1220	BG70-../DPE11LB4	50.40	4496	20000	-	-	328	149
6 HP (4.5 kW)	31.5	0.88	12037	1360	BG60-../DPE11LB4	55.76	3597	16000	-	-	262	119
6 HP (4.5 kW)	31	3.0	12214	1380	BG80-../DPE11LB4	57.24	5710	25400	-	-	450	204
6 HP (4.5 kW)	29.5	1.6	12834	1450	BG70-../DPE11LB4	59.82	4496	20000	-	-	328	149
6 HP (4.5 kW)	29	0.81	13099	1480	BG60-../DPE11LB4	60.90	3597	16000	-	-	262	119
6 HP (4.5 kW)	28	2.7	13542	1530	BG80-../DPE11LB4	63.56	5845	26000	-	-	450	204
6 HP (4.5 kW)	27	1.45	14073	1590	BG70Z-../DPE11LB4	64.85	4496	20000	-	-	388	176
6 HP (4.5 kW)	26.5	2.6	14338	1620	BG80Z-../DPE11LB4	66.40	5845	26000	-	-	542	246
6 HP (4.5 kW)	24	1.3	15843	1790	BG70Z-../DPE11LB4	73.82	4496	20000	-	-	388	176
6 HP (4.5 kW)	24	2.3	15843	1790	BG80Z-../DPE11LB4	73.73	5845	26000	-	-	542	246
6 HP (4.5 kW)	21	2.1	17701	2000	BG80Z-../DPE11LB4	84.55	5845	26000	-	-	542	246
6 HP (4.5 kW)	20	1.1	18587	2100	BG70Z-../DPE11LB4	87.61	4496	20000	-	-	388	176
6 HP (4.5 kW)	19	1.85	19914	2250	BG80Z-../DPE11LB4	93.89	5845	26000	-	-	542	246
6 HP (4.5 kW)	18.5	1.0	20357	2300	BG70Z-../DPE11LB4	95.74	4496	20000	-	-	388	176
6 HP (4.5 kW)	16	1.6	23454	2650	BG80Z-../DPE11LB4	112.4	5845	26000	-	-	542	246
6 HP (4.5 kW)	15.5	0.84	24340	2750	BG70Z-../DPE11LB4	113.6	4496	20000	-	-	388	176
6 HP (4.5 kW)	14.5	1.4	26110	2950	BG80Z-../DPE11LB4	124.8	5845	26000	-	-	542	246
6 HP (4.5 kW)	14	2.8	26995	3050	BG90Z-../DPE11LB4	127.1	14613	65000	-	-	767	348
6 HP (4.5 kW)	13	2.5	29207	3300	BG90Z-../DPE11LB4	139.2	14613	65000	-	-	767	348

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

BG-series helical-geared motors

Selection helical-geared motors

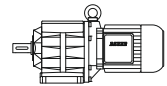
6 HP (4.5 kW)



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
6 HP (4.5 kW)	12.5	1.25	30093	3400	BG80Z-../DPE11LB4	145.4	5845	26000	-	-	542	246
6 HP (4.5 kW)	11	1.1	34518	3900	BG80Z-../DPE11LB4	161.5	5845	26000	-	-	542	246
6 HP (4.5 kW)	11	2.2	34518	3900	BG90Z-../DPE11LB4	163.0	14613	65000	-	-	767	348
6 HP (4.5 kW)	9.9	1.95	38058	4300	BG90Z-../DPE11LB4	178.5	14613	65000	-	-	767	348
6 HP (4.5 kW)	9.4	0.92	40271	4550	BG80Z-../DPE11LB4	186.8	5845	26000	-	-	542	246
6 HP (4.5 kW)	8.5	0.84	44254	5000	BG80Z-../DPE11LB4	207.4	5845	26000	-	-	542	246
6 HP (4.5 kW)	8.5	1.7	44254	5000	BG90Z-../DPE11LB4	208.3	14613	65000	-	-	767	348
6 HP (4.5 kW)	7.8	0.88	46024	5200	BG80G40-../DPE11LB4	227.2	5845	26000	-	-	560	254
6 HP (4.5 kW)	7.7	1.55	48679	5500	BG90Z-../DPE11LB4	228.1	14613	65000	-	-	767	348
6 HP (4.5 kW)	7.6	3.0	49564	5600	BG100-../DPE11LB4	232.6	20233	90000	-	-	1025	465
6 HP (4.5 kW)	6.8	2.7	55760	6300	BG100-../DPE11LB4	259.0	20233	90000	-	-	1025	465
6 HP (4.5 kW)	6.7	1.55	52219	5900	BG90G50-../DPE11LB4	262.5	14613	65000	-	-	805	365
6 HP (4.5 kW)	6.5	2.8	58415	6600	BG100Z-../DPE11LB4	269.8	20233	90000	-	-	1224	555
6 HP (4.5 kW)	5.9	1.35	61070	6900	BG90G50-../DPE11LB4	298.8	14613	65000	-	-	805	365
6 HP (4.5 kW)	5.9	2.6	63725	7200	BG100Z-../DPE11LB4	300.4	20233	90000	-	-	1224	555
6 HP (4.5 kW)	5.1	2.2	74346	8400	BG100Z-../DPE11LB4	343.6	20233	90000	-	-	1224	555
6 HP (4.5 kW)	4.9	1.1	72576	8200	BG90G50-../DPE11LB4	360.3	14613	65000	-	-	805	365
6 HP (4.5 kW)	4.6	2.0	82312	9300	BG100Z-../DPE11LB4	382.6	20233	90000	-	-	1224	555
6 HP (4.5 kW)	4.1	0.92	88507	10000	BG90G50-../DPE11LB4	435.8	14613	65000	-	-	805	365
6 HP (4.5 kW)	3.9	1.7	97358	11000	BG100Z-../DPE11LB4	456.7	20233	90000	-	-	1224	555
6 HP (4.5 kW)	3.5	1.5	107979	12200	BG100Z-../DPE11LB4	508.5	20233	90000	-	-	1224	555
6 HP (4.5 kW)	3.0	1.3	126566	14300	BG100Z-../DPE11LB4	591.1	20233	90000	-	-	1224	555
6 HP (4.5 kW)	2.7	1.15	140727	15900	BG100Z-../DPE11LB4	658.1	20233	90000	-	-	1224	555
6 HP (4.5 kW)	2.4	1.05	158428	17900	BG100Z-../DPE11LB4	759.0	20233	90000	-	-	1224	555
6 HP (4.5 kW)	2.1	0.91	180555	20400	BG100Z-../DPE11LB4	845.1	20233	90000	-	-	1224	555
6 HP (4.5 kW)	1.8	0.83	196487	22200	BG100G50-../DPE11LB4	976.1	20233	90000	-	-	1217	552

6

7.5 HP (5.5 kW)



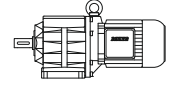
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
7.5 HP (5.5 kW)	720	4.3	637	72	BG50-../DPE13XA4	2.47	652	2900	-	-	225	102
7.5 HP (5.5 kW)	500	3.3	929	105	BG50-../DPE13XA4	3.55	742	3300	-	-	225	102
7.5 HP (5.5 kW)	365	2.8	1266	143	BG50-../DPE13XA4	4.91	787	3500	-	-	225	102
7.5 HP (5.5 kW)	295	2.5	1575	178	BG50-../DPE13XA4	6.07	1057	4700	-	-	225	102
7.5 HP (5.5 kW)	265	2.3	1752	198	BG50-../DPE13XA4	6.74	843	3750	-	-	225	102
7.5 HP (5.5 kW)	205	2.0	2257	255	BG50-../DPE13XA4	8.70	1191	5300	-	-	225	102
7.5 HP (5.5 kW)	194	3.3	2390	270	BG60-../DPE13XA4	9.13	2203	9800	-	-	300	136
7.5 HP (5.5 kW)	184	1.85	2522	285	BG50-../DPE13XA4	9.65	1259	5600	-	-	225	102
7.5 HP (5.5 kW)	175	3.0	2655	300	BG60-../DPE13XA4	10.12	2293	10200	-	-	300	136
7.5 HP (5.5 kW)	147	1.6	3142	355	BG50-../DPE13XA4	12.06	1281	5700	-	-	225	102
7.5 HP (5.5 kW)	146	2.8	3142	355	BG60-../DPE13XA4	12.16	2428	10800	-	-	300	136
7.5 HP (5.5 kW)	133	1.5	3452	390	BG50-../DPE13XA4	13.36	1371	6100	-	-	225	102
7.5 HP (5.5 kW)	132	2.6	3496	395	BG60-../DPE13XA4	13.47	2518	11200	-	-	300	136
7.5 HP (5.5 kW)	108	1.3	4293	485	BG50-../DPE13XA4	16.53	1461	6500	-	-	225	102
7.5 HP (5.5 kW)	106	2.2	4381	495	BG60-../DPE13XA4	16.80	2698	12000	-	-	300	136
7.5 HP (5.5 kW)	97	1.15	4779	540	BG50-../DPE13XA4	18.33	1619	7200	-	-	225	102
7.5 HP (5.5 kW)	96	2.1	4779	540	BG60-../DPE13XA4	18.62	2788	12400	-	-	300	136
7.5 HP (5.5 kW)	81	0.98	5664	640	BG50-../DPE13XA4	21.96	1798	8000	-	-	225	102
7.5 HP (5.5 kW)	80	1.85	5753	650	BG60-../DPE13XA4	22.40	2990	13300	-	-	300	136
7.5 HP (5.5 kW)	73	0.89	6284	710	BG50-../DPE13XA4	24.34	1956	8700	-	-	225	102
7.5 HP (5.5 kW)	72	1.65	6373	720	BG60-../DPE13XA4	24.82	3102	13800	-	-	300	136

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

BG-series helical-geared motors

Selection helical-geared motors

7.5 HP (5.5 kW)



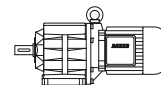
P _N							Permissible Overhung Load					
			Output Torque				Standard Bearings		Reinforced Bearings		Weight	
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
7.5 HP (5.5 kW)	66	2.9	6992	790	BG70-../DPE13XA4	27.21	3687	16400	-	-	366	166
7.5 HP (5.5 kW)	61	1.4	7612	860	BG60-../DPE13XA4	29.31	3327	14800	-	-	300	136
7.5 HP (5.5 kW)	60	2.6	7700	870	BG70-../DPE13XA4	29.69	3799	16900	-	-	366	166
7.5 HP (5.5 kW)	55	1.25	8408	950	BG60-../DPE13XA4	32.48	3462	15400	-	-	300	136
7.5 HP (5.5 kW)	51	2.3	9028	1020	BG70-../DPE13XA4	35.24	4114	18300	-	-	366	166
7.5 HP (5.5 kW)	46	1.05	10090	1140	BG60-../DPE13XA4	38.85	3597	16000	-	-	300	136
7.5 HP (5.5 kW)	45.5	2.0	10178	1150	BG70-../DPE13XA4	39.22	4294	19100	-	-	366	166
7.5 HP (5.5 kW)	41.5	0.95	11152	1260	BG60-../DPE13XA4	43.05	3597	16000	-	-	300	136
7.5 HP (5.5 kW)	40.5	3.3	11417	1290	BG80-../DPE13XA4	43.94	5081	22600	-	-	485	220
7.5 HP (5.5 kW)	38.5	1.7	12037	1360	BG70-../DPE13XA4	46.54	4496	20000	-	-	366	166
7.5 HP (5.5 kW)	36.5	2.9	12657	1430	BG80-../DPE13XA4	48.80	5350	23800	-	-	485	220
7.5 HP (5.5 kW)	35.5	0.82	13011	1470	BG60-../DPE13XA4	50.31	3597	16000	-	-	300	136
7.5 HP (5.5 kW)	35.5	1.55	13011	1470	BG70-../DPE13XA4	50.40	4496	20000	-	-	366	166
7.5 HP (5.5 kW)	31	2.5	14958	1690	BG80-../DPE13XA4	57.24	5710	25400	-	-	485	220
7.5 HP (5.5 kW)	30	1.3	15489	1750	BG70-../DPE13XA4	59.82	4496	20000	-	-	366	166
7.5 HP (5.5 kW)	28	2.2	16551	1870	BG80-../DPE13XA4	63.56	5845	26000	-	-	485	220
7.5 HP (5.5 kW)	27.5	1.2	16905	1910	BG70Z-../DPE13XA4	64.85	4496	20000	-	-	423	192
7.5 HP (5.5 kW)	27	2.2	17170	1940	BG80Z-../DPE13XA4	66.40	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	24.5	2.0	18587	2100	BG80Z-../DPE13XA4	73.73	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	24	1.05	19029	2150	BG70Z-../DPE13XA4	73.82	4496	20000	-	-	423	192
7.5 HP (5.5 kW)	21	1.7	22127	2500	BG80Z-../DPE13XA4	84.55	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	20.5	0.9	22569	2550	BG70Z-../DPE13XA4	87.61	4496	20000	-	-	423	192
7.5 HP (5.5 kW)	19	1.55	24340	2750	BG80Z-../DPE13XA4	93.89	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	18.5	0.82	24782	2800	BG70Z-../DPE13XA4	95.74	4496	20000	-	-	423	192
7.5 HP (5.5 kW)	18.5	3.0	24782	2800	BG90Z-../DPE13XA4	96.53	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	17	2.8	26995	3050	BG90Z-../DPE13XA4	105.7	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	16	1.3	28765	3250	BG80Z-../DPE13XA4	112.4	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	14.5	1.15	31863	3600	BG80Z-../DPE13XA4	124.8	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	14	2.2	33190	3750	BG90Z-../DPE13XA4	127.1	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	13	2.1	35403	4000	BG90Z-../DPE13XA4	139.2	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	12.5	1.0	37173	4200	BG80Z-../DPE13XA4	145.4	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	11	0.88	42041	4750	BG80Z-../DPE13XA4	161.5	5845	26000	-	-	580	263
7.5 HP (5.5 kW)	11	1.75	42041	4750	BG90Z-../DPE13XA4	163.0	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	10	1.6	46024	5200	BG90Z-../DPE13XA4	178.5	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	10	3.2	46024	5200	BG100-../DPE13XA4	178.6	20233	90000	-	-	1060	481
7.5 HP (5.5 kW)	9.0	2.9	51334	5800	BG100-../DPE13XA4	198.8	20233	90000	-	-	1060	481
7.5 HP (5.5 kW)	8.5	1.4	53990	6100	BG90Z-../DPE13XA4	208.3	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	7.8	1.25	59300	6700	BG90Z-../DPE13XA4	228.1	14613	65000	-	-	805	365
7.5 HP (5.5 kW)	7.7	2.5	60185	6800	BG100-../DPE13XA4	232.6	20233	90000	-	-	1060	481
7.5 HP (5.5 kW)	6.9	2.2	67266	7600	BG100-../DPE13XA4	259.0	20233	90000	-	-	1060	481
7.5 HP (5.5 kW)	6.8	1.3	63725	7200	BG90G50-../DPE13XA4	262.5	14613	65000	-	-	840	381
7.5 HP (5.5 kW)	6.6	2.3	69921	7900	BG100Z-../DPE13XA4	269.8	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	6.0	1.1	74346	8400	BG90G50-../DPE13XA4	298.8	14613	65000	-	-	840	381
7.5 HP (5.5 kW)	5.9	2.1	78772	8900	BG100Z-../DPE13XA4	300.4	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	5.2	1.85	89393	10100	BG100Z-../DPE13XA4	343.6	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	5.0	0.92	88507	10000	BG90G50-../DPE13XA4	360.3	14613	65000	-	-	840	381
7.5 HP (5.5 kW)	4.7	1.65	98243	11100	BG100Z-../DPE13XA4	382.6	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	3.9	1.4	118600	13400	BG100Z-../DPE13XA4	456.7	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	3.5	1.25	132761	15000	BG100Z-../DPE13XA4	508.5	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	3.0	1.05	154888	17500	BG100Z-../DPE13XA4	591.1	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	2.7	0.95	171704	19400	BG100Z-../DPE13XA4	658.1	20233	90000	-	-	1261	572
7.5 HP (5.5 kW)	2.4	0.85	192946	21800	BG100Z-../DPE13XA4	759.0	20233	90000	-	-	1261	572

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

BG-series helical-geared motors

Selection helical-geared motors

10 HP (7.5 kW)



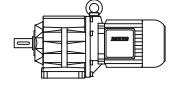
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
10 HP (7.5 kW)	720	3.1	876	99	BG50-../DPE13XA4	2.47	652	2900	-	-	225	102
10 HP (7.5 kW)	500	2.4	1266	143	BG50-../DPE13XA4	3.55	742	3300	-	-	225	102
10 HP (7.5 kW)	360	2.0	1752	198	BG50-../DPE13XA4	4.91	787	3500	-	-	225	102
10 HP (7.5 kW)	295	1.85	2124	240	BG50-../DPE13XA4	6.07	1057	4700	-	-	225	102
10 HP (7.5 kW)	290	3.2	2168	245	BG60-../DPE13XA4	6.16	1911	8500	-	-	300	136
10 HP (7.5 kW)	265	1.65	2390	270	BG50-../DPE13XA4	6.74	843	3750	-	-	225	102
10 HP (7.5 kW)	260	2.8	2434	275	BG60-../DPE13XA4	6.88	1933	8600	-	-	300	136
10 HP (7.5 kW)	205	1.45	3054	345	BG50-../DPE13XA4	8.70	1191	5300	-	-	225	102
10 HP (7.5 kW)	194	2.4	3231	365	BG60-../DPE13XA4	9.13	2203	9800	-	-	300	136
10 HP (7.5 kW)	183	1.35	3452	390	BG50-../DPE13XA4	9.65	1259	5600	-	-	225	102
10 HP (7.5 kW)	175	2.3	3585	405	BG60-../DPE13XA4	10.12	2293	10200	-	-	300	136
10 HP (7.5 kW)	147	1.2	4293	485	BG50-../DPE13XA4	12.06	1281	5700	-	-	225	102
10 HP (7.5 kW)	146	2.0	4337	490	BG60-../DPE13XA4	12.16	2428	10800	-	-	300	136
10 HP (7.5 kW)	133	1.1	4691	530	BG50-../DPE13XA4	13.36	1371	6100	-	-	225	102
10 HP (7.5 kW)	132	1.9	4779	540	BG60-../DPE13XA4	13.47	2518	11200	-	-	300	136
10 HP (7.5 kW)	107	0.95	5841	660	BG50-../DPE13XA4	16.53	1461	6500	-	-	225	102
10 HP (7.5 kW)	106	1.65	5930	670	BG60-../DPE13XA4	16.80	2698	12000	-	-	300	136
10 HP (7.5 kW)	100	3.2	6284	710	BG70-../DPE13XA4	17.68	3012	13400	-	-	366	166
10 HP (7.5 kW)	97	0.86	6461	730	BG50-../DPE13XA4	18.33	1619	7200	-	-	225	102
10 HP (7.5 kW)	95	1.55	6638	750	BG60-../DPE13XA4	18.62	2788	12400	-	-	300	136
10 HP (7.5 kW)	85	2.7	7435	840	BG70-../DPE13XA4	20.98	3282	14600	-	-	366	166
10 HP (7.5 kW)	79	1.35	7966	900	BG60-../DPE13XA4	22.40	2990	13300	-	-	300	136
10 HP (7.5 kW)	78	2.5	8054	910	BG70-../DPE13XA4	22.92	3395	15100	-	-	366	166
10 HP (7.5 kW)	72	1.2	8762	990	BG60-../DPE13XA4	24.82	3102	13800	-	-	300	136
10 HP (7.5 kW)	65	2.1	9736	1100	BG70-../DPE13XA4	27.21	3687	16400	-	-	366	166
10 HP (7.5 kW)	61	1.05	10355	1170	BG60-../DPE13XA4	29.31	3327	14800	-	-	300	136
10 HP (7.5 kW)	60	1.95	10532	1190	BG70-../DPE13XA4	29.69	3799	16900	-	-	366	166
10 HP (7.5 kW)	55	0.92	11506	1300	BG60-../DPE13XA4	32.48	3462	15400	-	-	300	136
10 HP (7.5 kW)	52	3.1	12126	1370	BG80-../DPE13XA4	34.22	4541	20200	-	-	485	220
10 HP (7.5 kW)	51	1.65	12391	1400	BG70-../DPE13XA4	35.24	4114	18300	-	-	366	166
10 HP (7.5 kW)	46.5	2.7	13630	1540	BG80-../DPE13XA4	38.00	4788	21300	-	-	485	220
10 HP (7.5 kW)	45.5	1.45	13896	1570	BG70-../DPE13XA4	39.22	4294	19100	-	-	366	166
10 HP (7.5 kW)	40.5	2.4	15577	1760	BG80-../DPE13XA4	43.94	5081	22600	-	-	485	220
10 HP (7.5 kW)	38	1.2	16639	1880	BG70-../DPE13XA4	46.54	4496	20000	-	-	366	166
10 HP (7.5 kW)	36.5	2.1	17347	1960	BG80-../DPE13XA4	48.80	5350	23800	-	-	485	220
10 HP (7.5 kW)	35.5	1.15	17701	2000	BG70-../DPE13XA4	50.40	4496	20000	-	-	366	166
10 HP (7.5 kW)	31	1.85	20357	2300	BG80-../DPE13XA4	57.24	5710	25400	-	-	485	220
10 HP (7.5 kW)	31	3.0	20357	2300	BG90Z-../DPE13XA4	57.04	14613	65000	-	-	805	365
10 HP (7.5 kW)	30	0.98	20799	2350	BG70-../DPE13XA4	59.82	4496	20000	-	-	366	166
10 HP (7.5 kW)	28.5	3.0	22127	2500	BG90Z-../DPE13XA4	62.47	14613	65000	-	-	805	365
10 HP (7.5 kW)	28	1.65	22569	2550	BG80-../DPE13XA4	63.56	5845	26000	-	-	485	220
10 HP (7.5 kW)	27.5	0.88	23012	2600	BG70Z-../DPE13XA4	64.85	4496	20000	-	-	423	192
10 HP (7.5 kW)	27	1.6	23454	2650	BG80Z-../DPE13XA4	66.40	5845	26000	-	-	580	263
10 HP (7.5 kW)	24	1.4	26110	2950	BG80Z-../DPE13XA4	73.73	5845	26000	-	-	580	263
10 HP (7.5 kW)	23.5	2.8	26552	3000	BG90Z-../DPE13XA4	76.61	14613	65000	-	-	805	365
10 HP (7.5 kW)	21.5	2.5	29207	3300	BG90Z-../DPE13XA4	83.91	14613	65000	-	-	805	365
10 HP (7.5 kW)	21	1.25	30093	3400	BG80Z-../DPE13XA4	84.55	5845	26000	-	-	580	263
10 HP (7.5 kW)	19	1.1	33190	3750	BG80Z-../DPE13XA4	93.89	5845	26000	-	-	580	263
10 HP (7.5 kW)	18.5	2.2	34075	3850	BG90Z-../DPE13XA4	96.53	14613	65000	-	-	805	365
10 HP (7.5 kW)	17	2.0	37173	4200	BG90Z-../DPE13XA4	105.7	14613	65000	-	-	805	365
10 HP (7.5 kW)	16	0.94	39386	4450	BG80Z-../DPE13XA4	112.4	5845	26000	-	-	580	263
10 HP (7.5 kW)	14.5	0.86	43369	4900	BG80Z-../DPE13XA4	124.8	5845	26000	-	-	580	263
10 HP (7.5 kW)	14	1.65	45139	5100	BG90Z-../DPE13XA4	127.1	14613	65000	-	-	805	365
10 HP (7.5 kW)	13	1.55	48679	5500	BG90Z-../DPE13XA4	139.2	14613	65000	-	-	805	365
10 HP (7.5 kW)	13	3.1	48679	5500	BG100-../DPE13XA4	139.1	20233	90000	-	-	1060	481
10 HP (7.5 kW)	11.5	2.7	54875	6200	BG100-../DPE13XA4	154.8	20233	90000	-	-	1060	481
10 HP (7.5 kW)	11	1.3	57530	6500	BG90Z-../DPE13XA4	163.0	14613	65000	-	-	805	365
10 HP (7.5 kW)	9.9	1.15	63725	7200	BG90Z-../DPE13XA4	178.5	14613	65000	-	-	805	365

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

BG-series helical-geared motors

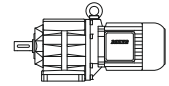
Selection helical-geared motors

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)	9.9	2.3	63725	7200	BG100-../DPE13XA4	178.6	20233	90000	-	-	1060	481
10 HP (7.5 kW)	8.9	2.1	70806	8000	BG100-../DPE13XA4	198.8	20233	90000	-	-	1060	481
10 HP (7.5 kW)	8.5	1.0	74346	8400	BG90Z-../DPE13XA4	208.3	14613	65000	-	-	805	365
10 HP (7.5 kW)	7.8	0.92	80542	9100	BG90Z-../DPE13XA4	228.1	14613	65000	-	-	805	365
10 HP (7.5 kW)	7.6	1.8	83197	9400	BG100-../DPE13XA4	232.6	20233	90000	-	-	1060	481
10 HP (7.5 kW)	6.9	1.65	91163	10300	BG100-../DPE13XA4	259.0	20233	90000	-	-	1060	481
10 HP (7.5 kW)	6.8	0.91	89393	10100	BG90G50-../DPE13XA4	262.5	14613	65000	-	-	840	381
10 HP (7.5 kW)	6.6	1.7	95588	10800	BG100Z-../DPE13XA4	269.8	20233	90000	-	-	1261	572
10 HP (7.5 kW)	5.9	1.55	107094	12100	BG100Z-../DPE13XA4	300.4	20233	90000	-	-	1261	572
10 HP (7.5 kW)	5.2	1.35	121255	13700	BG100Z-../DPE13XA4	343.6	20233	90000	-	-	1261	572
10 HP (7.5 kW)	4.7	1.2	134531	15200	BG100Z-../DPE13XA4	382.6	20233	90000	-	-	1261	572
10 HP (7.5 kW)	3.9	1.0	161969	18300	BG100Z-../DPE13XA4	456.7	20233	90000	-	-	1261	572
10 HP (7.5 kW)	3.5	0.91	180555	20400	BG100Z-../DPE13XA4	508.5	20233	90000	-	-	1261	572

12.75 HP (9.5 kW)



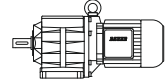
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
12.75 HP (9.5 kW)	730	2.5	1097	124	BG50-../DPE16LB4	2.47	652	2900	-	-	304	138
12.75 HP (9.5 kW)	510	1.95	1567	177	BG50-../DPE16LB4	3.55	742	3300	-	-	304	138
12.75 HP (9.5 kW)	480	3.2	1673	189	BG60-../DPE16LB4	3.74	1596	7100	-	-	379	172
12.75 HP (9.5 kW)	365	1.6	2168	245	BG50-../DPE16LB4	4.91	787	3500	-	-	304	138
12.75 HP (9.5 kW)	360	2.8	2213	250	BG60-../DPE16LB4	4.98	1754	7800	-	-	379	172
12.75 HP (9.5 kW)	295	1.45	2699	305	BG50-../DPE16LB4	6.07	1057	4700	-	-	304	138
12.75 HP (9.5 kW)	290	2.5	2744	310	BG60-../DPE16LB4	6.16	1911	8500	-	-	379	172
12.75 HP (9.5 kW)	265	1.3	3009	340	BG50-../DPE16LB4	6.74	843	3750	-	-	304	138
12.75 HP (9.5 kW)	260	2.3	3054	345	BG60-../DPE16LB4	6.88	1933	8600	-	-	379	172
12.75 HP (9.5 kW)	205	1.15	3894	440	BG50-../DPE16LB4	8.70	1191	5300	-	-	304	138
12.75 HP (9.5 kW)	195	1.9	4116	465	BG60-../DPE16LB4	9.13	2203	9800	-	-	379	172
12.75 HP (9.5 kW)	185	1.05	4337	490	BG50-../DPE16LB4	9.65	1259	5600	-	-	304	138
12.75 HP (9.5 kW)	176	1.8	4514	510	BG60-../DPE16LB4	10.12	2293	10200	-	-	379	172
12.75 HP (9.5 kW)	148	0.94	5399	610	BG50-../DPE16LB4	12.06	1281	5700	-	-	304	138
12.75 HP (9.5 kW)	147	1.6	5399	610	BG60-../DPE16LB4	12.16	2428	10800	-	-	379	172
12.75 HP (9.5 kW)	134	0.89	5930	670	BG50-../DPE16LB4	13.36	1371	6100	-	-	304	138
12.75 HP (9.5 kW)	133	1.5	6019	680	BG60-../DPE16LB4	13.47	2518	11200	-	-	379	172
12.75 HP (9.5 kW)	115	2.9	6904	780	BG70-../DPE16LB4	15.53	2855	12700	-	-	454	206
12.75 HP (9.5 kW)	106	1.3	7523	850	BG60-../DPE16LB4	16.80	2698	12000	-	-	379	172
12.75 HP (9.5 kW)	101	2.6	7877	890	BG70-../DPE16LB4	17.68	3012	13400	-	-	454	206
12.75 HP (9.5 kW)	96	1.2	8320	940	BG60-../DPE16LB4	18.62	2788	12400	-	-	379	172
12.75 HP (9.5 kW)	85	2.2	9382	1060	BG70-../DPE16LB4	20.98	3282	14600	-	-	454	206
12.75 HP (9.5 kW)	80	1.05	10001	1130	BG60-../DPE16LB4	22.40	2990	13300	-	-	379	172
12.75 HP (9.5 kW)	78	2.0	10267	1160	BG70-../DPE16LB4	22.92	3395	15100	-	-	454	206
12.75 HP (9.5 kW)	72	0.95	11152	1260	BG60-../DPE16LB4	24.82	3102	13800	-	-	379	172
12.75 HP (9.5 kW)	68	3.2	11771	1330	BG80-../DPE16LB4	26.44	4024	17900	-	-	564	256
12.75 HP (9.5 kW)	66	1.7	12126	1370	BG70-../DPE16LB4	27.21	3687	16400	-	-	454	206
12.75 HP (9.5 kW)	61	0.81	13099	1480	BG60-../DPE16LB4	29.31	3327	14800	-	-	379	172
12.75 HP (9.5 kW)	61	2.8	13099	1480	BG80-../DPE16LB4	29.36	4249	18900	-	-	564	256
12.75 HP (9.5 kW)	60	1.5	13365	1510	BG70-../DPE16LB4	29.69	3799	16900	-	-	454	206
12.75 HP (9.5 kW)	53	2.5	15135	1710	BG80-../DPE16LB4	34.22	4541	20200	-	-	564	256
12.75 HP (9.5 kW)	51	1.3	15666	1770	BG70-../DPE16LB4	35.24	4114	18300	-	-	454	206
12.75 HP (9.5 kW)	47	2.2	17082	1930	BG80-../DPE16LB4	38.00	4788	21300	-	-	564	256
12.75 HP (9.5 kW)	45.5	1.15	17613	1990	BG70-../DPE16LB4	39.22	4294	19100	-	-	454	206

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

BG-series helical-geared motors

Selection helical-geared motors

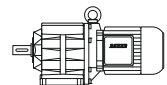
12.75 HP (9.5 kW)



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
12.75 HP (9.5 kW)	41	1.9	19472	2200	BG80-../DPE16LB4	43.94	5081	22600	-	-	564	256
12.75 HP (9.5 kW)	38.5	0.98	20799	2350	BG70-../DPE16LB4	46.54	4496	20000	-	-	454	206
12.75 HP (9.5 kW)	36.5	1.7	21684	2450	BG80-../DPE16LB4	48.80	5350	23800	-	-	564	256
12.75 HP (9.5 kW)	35.5	0.9	22569	2550	BG70-../DPE16LB4	50.40	4496	20000	-	-	454	206
12.75 HP (9.5 kW)	33.5	3.1	23897	2700	BG90-../DPE16LB4	53.46	14613	65000	-	-	763	346
12.75 HP (9.5 kW)	31.5	1.45	25225	2850	BG80-../DPE16LB4	57.24	5710	25400	-	-	564	256
12.75 HP (9.5 kW)	31.5	2.4	25225	2850	BG90Z-../DPE16LB4	57.04	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	28.5	1.35	27880	3150	BG80-../DPE16LB4	63.56	5845	26000	-	-	564	256
12.75 HP (9.5 kW)	28.5	2.4	27880	3150	BG90Z-../DPE16LB4	62.47	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	27	1.25	29650	3350	BG80Z-../DPE16LB4	66.40	5845	26000	-	-	659	299
12.75 HP (9.5 kW)	24.5	1.15	32748	3700	BG80Z-../DPE16LB4	73.73	5845	26000	-	-	659	299
12.75 HP (9.5 kW)	23.5	2.2	34075	3850	BG90Z-../DPE16LB4	76.61	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	21.5	1.0	37173	4200	BG80Z-../DPE16LB4	84.55	5845	26000	-	-	659	299
12.75 HP (9.5 kW)	21.5	2.0	37173	4200	BG90Z-../DPE16LB4	83.91	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	19	0.88	42041	4750	BG80Z-../DPE16LB4	93.89	5845	26000	-	-	659	299
12.75 HP (9.5 kW)	18.5	1.7	43369	4900	BG90Z-../DPE16LB4	96.53	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	17	1.6	46909	5300	BG90Z-../DPE16LB4	105.7	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	17	3.2	46909	5300	BG100-../DPE16LB4	107.5	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	15	2.8	53104	6000	BG100-../DPE16LB4	119.7	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	14.5	1.35	54875	6200	BG90Z-../DPE16LB4	127.1	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	13	1.2	61070	6900	BG90Z-../DPE16LB4	139.2	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	13	2.4	61070	6900	BG100-../DPE16LB4	139.1	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	11.5	2.2	69036	7800	BG100-../DPE16LB4	154.8	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	11	1.0	72576	8200	BG90Z-../DPE16LB4	163.0	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	10	0.93	79657	9000	BG90Z-../DPE16LB4	178.5	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	10	1.85	79657	9000	BG100-../DPE16LB4	178.6	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	9.0	1.7	88507	10000	BG100-../DPE16LB4	198.8	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	8.6	0.8	92933	10500	BG90Z-../DPE16LB4	208.3	14613	65000	-	-	893	405
12.75 HP (9.5 kW)	8.1	0.84	96473	10900	BG90G50-../DPE16LB4	219.9	14613	65000	-	-	919	417
12.75 HP (9.5 kW)	7.7	1.45	103554	11700	BG100-../DPE16LB4	232.6	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	6.9	1.3	115945	13100	BG100-../DPE16LB4	259.0	20233	90000	-	-	1138	516
12.75 HP (9.5 kW)	6.6	1.35	121255	13700	BG100Z-../DPE16LB4	269.8	20233	90000	-	-	1340	608
12.75 HP (9.5 kW)	6.0	1.25	133646	15100	BG100Z-../DPE16LB4	300.4	20233	90000	-	-	1340	608
12.75 HP (9.5 kW)	5.2	1.05	154003	17400	BG100Z-../DPE16LB4	343.6	20233	90000	-	-	1340	608
12.75 HP (9.5 kW)	4.7	0.96	170819	19300	BG100Z-../DPE16LB4	382.6	20233	90000	-	-	1340	608
12.75 HP (9.5 kW)	3.9	0.8	205337	23200	BG100Z-../DPE16LB4	456.7	20233	90000	-	-	1340	608

6

15 HP (11 kW)



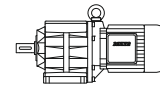
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
15 HP (11 kW)	730	2.1	1266	143	BG50-../DPE16LB4	2.47	652	2900	-	-	304	138
15 HP (11 kW)	510	1.7	1814	205	BG50-../DPE16LB4	3.55	742	3300	-	-	304	138
15 HP (11 kW)	480	2.8	1903	215	BG60-../DPE16LB4	3.74	1596	7100	-	-	379	172
15 HP (11 kW)	365	1.4	2522	285	BG50-../DPE16LB4	4.91	787	3500	-	-	304	138
15 HP (11 kW)	360	2.4	2567	290	BG60-../DPE16LB4	4.98	1754	7800	-	-	379	172
15 HP (11 kW)	295	1.25	3142	355	BG50-../DPE16LB4	6.07	1057	4700	-	-	304	138
15 HP (11 kW)	290	2.1	3186	360	BG60-../DPE16LB4	6.16	1911	8500	-	-	379	172
15 HP (11 kW)	265	1.15	3496	395	BG50-../DPE16LB4	6.74	843	3750	-	-	304	138
15 HP (11 kW)	260	1.95	3540	400	BG60-../DPE16LB4	6.88	1933	8600	-	-	379	172
15 HP (11 kW)	205	1.0	4514	510	BG50-../DPE16LB4	8.70	1191	5300	-	-	304	138
15 HP (11 kW)	195	1.7	4691	530	BG60-../DPE16LB4	9.13	2203	9800	-	-	379	172

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

BG-series helical-geared motors

Selection helical-geared motors

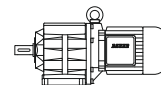
15 HP (11 kW)



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)	185	0.94	4956	560	BG50-../DPE16LB4	9.65	1259	5600	-	-	304	138
15 HP (11 kW)	176	1.55	5222	590	BG60-../DPE16LB4	10.12	2293	10200	-	-	379	172
15 HP (11 kW)	149	3.3	6196	700	BG70-../DPE16LB4	11.97	2518	11200	-	-	454	206
15 HP (11 kW)	148	0.82	6196	700	BG50-../DPE16LB4	12.06	1281	5700	-	-	304	138
15 HP (11 kW)	147	1.4	6284	710	BG60-../DPE16LB4	12.16	2428	10800	-	-	379	172
15 HP (11 kW)	137	3.0	6727	760	BG70-../DPE16LB4	13.08	2608	11600	-	-	454	206
15 HP (11 kW)	133	1.3	6904	780	BG60-../DPE16LB4	13.47	2518	11200	-	-	379	172
15 HP (11 kW)	115	2.5	8054	910	BG70-../DPE16LB4	15.53	2855	12700	-	-	454	206
15 HP (11 kW)	106	1.1	8762	990	BG60-../DPE16LB4	16.80	2698	12000	-	-	379	172
15 HP (11 kW)	101	2.2	9205	1040	BG70-../DPE16LB4	17.68	3012	13400	-	-	454	206
15 HP (11 kW)	96	1.05	9647	1090	BG60-../DPE16LB4	18.62	2788	12400	-	-	379	172
15 HP (11 kW)	85	1.85	10886	1230	BG70-../DPE16LB4	20.98	3282	14600	-	-	454	206
15 HP (11 kW)	81	3.3	11417	1290	BG80-../DPE16LB4	22.09	3709	16500	-	-	564	256
15 HP (11 kW)	80	0.92	11594	1310	BG60-../DPE16LB4	22.40	2990	13300	-	-	379	172
15 HP (11 kW)	78	1.7	11860	1340	BG70-../DPE16LB4	22.92	3395	15100	-	-	454	206
15 HP (11 kW)	72	0.83	12834	1450	BG60-../DPE16LB4	24.82	3102	13800	-	-	379	172
15 HP (11 kW)	68	2.7	13630	1540	BG80-../DPE16LB4	26.44	4024	17900	-	-	564	256
15 HP (11 kW)	66	1.45	14073	1590	BG70-../DPE16LB4	27.21	3687	16400	-	-	454	206
15 HP (11 kW)	61	2.4	15223	1720	BG80-../DPE16LB4	29.36	4249	18900	-	-	564	256
15 HP (11 kW)	60	1.3	15489	1750	BG70-../DPE16LB4	29.69	3799	16900	-	-	454	206
15 HP (11 kW)	53	2.1	17524	1980	BG80-../DPE16LB4	34.22	4541	20200	-	-	564	256
15 HP (11 kW)	51	1.1	18144	2050	BG70-../DPE16LB4	35.24	4114	18300	-	-	454	206
15 HP (11 kW)	47	1.9	19472	2200	BG80-../DPE16LB4	38.00	4788	21300	-	-	564	256
15 HP (11 kW)	45.5	1.0	20357	2300	BG70-../DPE16LB4	39.22	4294	19100	-	-	454	206
15 HP (11 kW)	41	1.65	22569	2550	BG80-../DPE16LB4	43.94	5081	22600	-	-	564	256
15 HP (11 kW)	38.5	0.85	23897	2700	BG70-../DPE16LB4	46.54	4496	20000	-	-	454	206
15 HP (11 kW)	36.5	1.45	25225	2850	BG80-../DPE16LB4	48.80	5350	23800	-	-	564	256
15 HP (11 kW)	36.5	2.9	25225	2850	BG90-../DPE16LB4	48.82	14613	65000	-	-	763	346
15 HP (11 kW)	33.5	2.7	27437	3100	BG90-../DPE16LB4	53.46	14613	65000	-	-	763	346
15 HP (11 kW)	31.5	1.25	29207	3300	BG80-../DPE16LB4	57.24	5710	25400	-	-	564	256
15 HP (11 kW)	31.5	2.1	29207	3300	BG90Z-../DPE16LB4	57.04	14613	65000	-	-	893	405
15 HP (11 kW)	28.5	1.15	32305	3650	BG80-../DPE16LB4	63.56	5845	26000	-	-	564	256
15 HP (11 kW)	28.5	2.1	32305	3650	BG90Z-../DPE16LB4	62.47	14613	65000	-	-	893	405
15 HP (11 kW)	27	1.1	34075	3850	BG80Z-../DPE16LB4	66.40	5845	26000	-	-	659	299
15 HP (11 kW)	24.5	0.99	37616	4250	BG80Z-../DPE16LB4	73.73	5845	26000	-	-	659	299
15 HP (11 kW)	23.5	1.9	39386	4450	BG90Z-../DPE16LB4	76.61	14613	65000	-	-	893	405
15 HP (11 kW)	21.5	0.87	42926	4850	BG80Z-../DPE16LB4	84.55	5845	26000	-	-	659	299
15 HP (11 kW)	21.5	1.75	42926	4850	BG90Z-../DPE16LB4	83.91	14613	65000	-	-	893	405
15 HP (11 kW)	20	3.2	46024	5200	BG100-../DPE16LB4	90.02	20233	90000	-	-	1138	516
15 HP (11 kW)	18.5	1.5	49564	5600	BG90Z-../DPE16LB4	96.53	14613	65000	-	-	893	405
15 HP (11 kW)	17	1.4	53990	6100	BG90Z-../DPE16LB4	105.7	14613	65000	-	-	893	405
15 HP (11 kW)	17	2.8	53990	6100	BG100-../DPE16LB4	107.5	20233	90000	-	-	1138	516
15 HP (11 kW)	15	2.4	61955	7000	BG100-../DPE16LB4	119.7	20233	90000	-	-	1138	516
15 HP (11 kW)	14.5	1.15	63725	7200	BG90Z-../DPE16LB4	127.1	14613	65000	-	-	893	405
15 HP (11 kW)	13	1.05	70806	8000	BG90Z-../DPE16LB4	139.2	14613	65000	-	-	893	405
15 HP (11 kW)	13	2.1	70806	8000	BG100-../DPE16LB4	139.1	20233	90000	-	-	1138	516
15 HP (11 kW)	11.5	1.85	80542	9100	BG100-../DPE16LB4	154.8	20233	90000	-	-	1138	516
15 HP (11 kW)	11	0.88	84082	9500	BG90Z-../DPE16LB4	163.0	14613	65000	-	-	893	405
15 HP (11 kW)	10	0.8	92933	10500	BG90Z-../DPE16LB4	178.5	14613	65000	-	-	893	405
15 HP (11 kW)	10	1.6	92933	10500	BG100-../DPE16LB4	178.6	20233	90000	-	-	1138	516
15 HP (11 kW)	9.0	1.45	102669	11600	BG100-../DPE16LB4	198.8	20233	90000	-	-	1138	516
15 HP (11 kW)	7.7	1.25	120370	13600	BG100-../DPE16LB4	232.6	20233	90000	-	-	1138	516
15 HP (11 kW)	6.9	1.1	134531	15200	BG100-../DPE16LB4	259.0	20233	90000	-	-	1138	516
15 HP (11 kW)	6.6	1.15	140727	15900	BG100Z-../DPE16LB4	269.8	20233	90000	-	-	1340	608
15 HP (11 kW)	6.0	1.05	154888	17500	BG100Z-../DPE16LB4	300.4	20233	90000	-	-	1340	608
15 HP (11 kW)	5.2	0.92	178785	20200	BG100Z-../DPE16LB4	343.6	20233	90000	-	-	1340	608
15 HP (11 kW)	4.7	0.83	197372	22300	BG100Z-../DPE16LB4	382.6	20233	90000	-	-	1340	608

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

16.8 HP (12.5 kW)



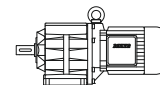
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
16.8 HP (12.5 kW)	720	1.85	1460	165	BG50-../DPE16LB4	2.47	652	2900	-	-	304	138
16.8 HP (12.5 kW)	710	3.2	1487	168	BG60-../DPE16LB4	2.52	1394	6200	-	-	379	172
16.8 HP (12.5 kW)	500	1.5	2080	235	BG50-../DPE16LB4	3.55	742	3300	-	-	304	138
16.8 HP (12.5 kW)	475	2.4	2213	250	BG60-../DPE16LB4	3.74	1596	7100	-	-	379	172
16.8 HP (12.5 kW)	365	1.2	2876	325	BG50-../DPE16LB4	4.91	787	3500	-	-	304	138
16.8 HP (12.5 kW)	360	2.1	2921	330	BG60-../DPE16LB4	4.98	1754	7800	-	-	379	172
16.8 HP (12.5 kW)	295	1.1	3540	400	BG50-../DPE16LB4	6.07	1057	4700	-	-	304	138
16.8 HP (12.5 kW)	290	1.9	3629	410	BG60-../DPE16LB4	6.16	1911	8500	-	-	379	172
16.8 HP (12.5 kW)	265	1.0	3983	450	BG50-../DPE16LB4	6.74	843	3750	-	-	304	138
16.8 HP (12.5 kW)	260	1.7	4027	455	BG60-../DPE16LB4	6.88	1933	8600	-	-	379	172
16.8 HP (12.5 kW)	205	0.88	5133	580	BG50-../DPE16LB4	8.70	1191	5300	-	-	304	138
16.8 HP (12.5 kW)	194	1.45	5399	610	BG60-../DPE16LB4	9.13	2203	9800	-	-	379	172
16.8 HP (12.5 kW)	184	0.82	5664	640	BG50-../DPE16LB4	9.65	1259	5600	-	-	304	138
16.8 HP (12.5 kW)	175	1.35	6019	680	BG60-../DPE16LB4	10.12	2293	10200	-	-	379	172
16.8 HP (12.5 kW)	148	2.9	7081	800	BG70-../DPE16LB4	11.97	2518	11200	-	-	454	206
16.8 HP (12.5 kW)	146	1.2	7169	810	BG60-../DPE16LB4	12.16	2428	10800	-	-	379	172
16.8 HP (12.5 kW)	136	2.6	7700	870	BG70-../DPE16LB4	13.08	2608	11600	-	-	454	206
16.8 HP (12.5 kW)	132	1.15	7966	900	BG60-../DPE16LB4	13.47	2518	11200	-	-	379	172
16.8 HP (12.5 kW)	114	2.2	9205	1040	BG70-../DPE16LB4	15.53	2855	12700	-	-	454	206
16.8 HP (12.5 kW)	106	0.99	9913	1120	BG60-../DPE16LB4	16.80	2698	12000	-	-	379	172
16.8 HP (12.5 kW)	101	1.95	10444	1180	BG70-../DPE16LB4	17.68	3012	13400	-	-	454	206
16.8 HP (12.5 kW)	96	0.92	10975	1240	BG60-../DPE16LB4	18.62	2788	12400	-	-	379	172
16.8 HP (12.5 kW)	89	3.1	11860	1340	BG80-../DPE16LB4	19.89	3485	15500	-	-	564	256
16.8 HP (12.5 kW)	85	1.65	12391	1400	BG70-../DPE16LB4	20.98	3282	14600	-	-	454	206
16.8 HP (12.5 kW)	81	2.9	13011	1470	BG80-../DPE16LB4	22.09	3709	16500	-	-	564	256
16.8 HP (12.5 kW)	80	0.81	13188	1490	BG60-../DPE16LB4	22.40	2990	13300	-	-	379	172
16.8 HP (12.5 kW)	78	1.5	13542	1530	BG70-../DPE16LB4	22.92	3395	15100	-	-	454	206
16.8 HP (12.5 kW)	67	2.4	15754	1780	BG80-../DPE16LB4	26.44	4024	17900	-	-	564	256
16.8 HP (12.5 kW)	66	1.3	15931	1800	BG70-../DPE16LB4	27.21	3687	16400	-	-	454	206
16.8 HP (12.5 kW)	61	2.2	17259	1950	BG80-../DPE16LB4	29.36	4249	18900	-	-	564	256
16.8 HP (12.5 kW)	60	1.15	17524	1980	BG70-../DPE16LB4	29.69	3799	16900	-	-	454	206
16.8 HP (12.5 kW)	52	1.85	19914	2250	BG80-../DPE16LB4	34.22	4541	20200	-	-	564	256
16.8 HP (12.5 kW)	51	1.0	20357	2300	BG70-../DPE16LB4	35.24	4114	18300	-	-	454	206
16.8 HP (12.5 kW)	47	1.7	22127	2500	BG80-../DPE16LB4	38.00	4788	21300	-	-	564	256
16.8 HP (12.5 kW)	46.5	3.3	22569	2550	BG90-../DPE16LB4	38.21	14613	65000	-	-	763	346
16.8 HP (12.5 kW)	45.5	0.88	23012	2600	BG70-../DPE16LB4	39.22	4294	19100	-	-	454	206
16.8 HP (12.5 kW)	42.5	3.0	24782	2800	BG90-../DPE16LB4	41.85	14613	65000	-	-	763	346
16.8 HP (12.5 kW)	40.5	1.45	25667	2900	BG80-../DPE16LB4	43.94	5081	22600	-	-	564	256
16.8 HP (12.5 kW)	36.5	1.3	28765	3250	BG80-../DPE16LB4	48.80	5350	23800	-	-	564	256
16.8 HP (12.5 kW)	36.5	2.6	28765	3250	BG90-../DPE16LB4	48.82	14613	65000	-	-	763	346
16.8 HP (12.5 kW)	33.5	2.4	31420	3550	BG90-../DPE16LB4	53.46	14613	65000	-	-	763	346
16.8 HP (12.5 kW)	31.5	1.8	33190	3750	BG90Z-../DPE16LB4	57.04	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	31	1.1	34075	3850	BG80-../DPE16LB4	57.24	5710	25400	-	-	564	256
16.8 HP (12.5 kW)	28.5	1.8	36731	4150	BG90Z-../DPE16LB4	62.47	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	28	0.99	37616	4250	BG80-../DPE16LB4	63.56	5845	26000	-	-	564	256
16.8 HP (12.5 kW)	27	0.95	38943	4400	BG80Z-../DPE16LB4	66.40	5845	26000	-	-	659	299
16.8 HP (12.5 kW)	24.5	0.87	42926	4850	BG80Z-../DPE16LB4	73.73	5845	26000	-	-	659	299
16.8 HP (12.5 kW)	23.5	1.7	44254	5000	BG90Z-../DPE16LB4	76.61	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	22	3.1	47794	5400	BG100-../DPE16LB4	80.85	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	21.5	1.55	48679	5500	BG90Z-../DPE16LB4	83.91	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	20	2.8	52219	5900	BG100-../DPE16LB4	90.02	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	18.5	1.3	56645	6400	BG90Z-../DPE16LB4	96.53	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	17	1.2	61955	7000	BG90Z-../DPE16LB4	105.7	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	16.5	2.3	63725	7200	BG100-../DPE16LB4	107.5	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	15	2.1	69921	7900	BG100-../DPE16LB4	119.7	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	14	0.99	75231	8500	BG90Z-../DPE16LB4	127.1	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	13	0.92	80542	9100	BG90Z-../DPE16LB4	139.2	14613	65000	-	-	893	405
16.8 HP (12.5 kW)	13	1.85	80542	9100	BG100-../DPE16LB4	139.1	20233	90000	-	-	1138	516

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

BG-series helical-geared motors

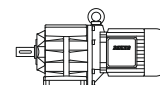
Selection helical-geared motors

16.8 HP (12.5 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		
16.8 HP (12.5 kW)	11.5	1.65	91163	10300	BG100-../DPE16LB4	154.8	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	10	1.4	105324	11900	BG100-../DPE16LB4	178.6	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	9.0	1.25	116830	13200	BG100-../DPE16LB4	198.8	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	7.7	1.1	137187	15500	BG100-../DPE16LB4	232.6	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	6.9	0.97	153118	17300	BG100-../DPE16LB4	259.0	20233	90000	-	-	1138	516
16.8 HP (12.5 kW)	6.6	1.05	159313	18000	BG100Z-../DPE16LB4	269.8	20233	90000	-	-	1340	608
16.8 HP (12.5 kW)	5.9	0.92	178785	20200	BG100Z-../DPE16LB4	300.4	20233	90000	-	-	1340	608
16.8 HP (12.5 kW)	5.2	0.81	202682	22900	BG100Z-../DPE16LB4	343.6	20233	90000	-	-	1340	608

20 HP (15 kW)



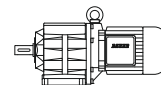
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
20 HP (15 kW)	730	1.55	1735	196	BG50-../DPE16XB4	2.47	652	2900	-	-	326	148
20 HP (15 kW)	710	2.7	1770	200	BG60-../DPE16XB4	2.52	1394	6200	-	-	401	182
20 HP (15 kW)	510	1.25	2478	280	BG50-../DPE16XB4	3.55	742	3300	-	-	326	148
20 HP (15 kW)	480	2.1	2611	295	BG60-../DPE16XB4	3.74	1596	7100	-	-	401	182
20 HP (15 kW)	365	1.0	3452	390	BG50-../DPE16XB4	4.91	787	3500	-	-	326	148
20 HP (15 kW)	360	1.75	3496	395	BG60-../DPE16XB4	4.98	1754	7800	-	-	401	182
20 HP (15 kW)	295	0.91	4293	485	BG50-../DPE16XB4	6.07	1057	4700	-	-	326	148
20 HP (15 kW)	290	1.6	4337	490	BG60-../DPE16XB4	6.16	1911	8500	-	-	401	182
20 HP (15 kW)	265	0.83	4779	540	BG50-../DPE16XB4	6.74	843	3750	-	-	326	148
20 HP (15 kW)	260	1.4	4868	550	BG60-../DPE16XB4	6.88	1933	8600	-	-	401	182
20 HP (15 kW)	195	1.2	6461	730	BG60-../DPE16XB4	9.13	2203	9800	-	-	401	182
20 HP (15 kW)	177	2.9	7081	800	BG70-../DPE16XB4	10.09	2293	10200	-	-	476	216
20 HP (15 kW)	176	1.15	7169	810	BG60-../DPE16XB4	10.12	2293	10200	-	-	401	182
20 HP (15 kW)	149	2.4	8497	960	BG70-../DPE16XB4	11.97	2518	11200	-	-	476	216
20 HP (15 kW)	147	1.0	8585	970	BG60-../DPE16XB4	12.16	2428	10800	-	-	401	182
20 HP (15 kW)	137	2.2	9205	1040	BG70-../DPE16XB4	13.08	2608	11600	-	-	476	216
20 HP (15 kW)	133	0.95	9470	1070	BG60-../DPE16XB4	13.47	2518	11200	-	-	401	182
20 HP (15 kW)	115	1.85	10975	1240	BG70-../DPE16XB4	15.53	2855	12700	-	-	476	216
20 HP (15 kW)	106	0.82	11949	1350	BG60-../DPE16XB4	16.80	2698	12000	-	-	401	182
20 HP (15 kW)	103	3.0	12303	1390	BG80-../DPE16XB4	17.35	3282	14600	-	-	586	266
20 HP (15 kW)	101	1.65	12480	1410	BG70-../DPE16XB4	17.68	3012	13400	-	-	476	216
20 HP (15 kW)	90	2.6	14073	1590	BG80-../DPE16XB4	19.89	3485	15500	-	-	586	266
20 HP (15 kW)	85	1.35	14869	1680	BG70-../DPE16XB4	20.98	3282	14600	-	-	476	216
20 HP (15 kW)	81	2.4	15577	1760	BG80-../DPE16XB4	22.09	3709	16500	-	-	586	266
20 HP (15 kW)	78	1.25	16197	1830	BG70-../DPE16XB4	22.92	3395	15100	-	-	476	216
20 HP (15 kW)	68	2.0	18587	2100	BG80-../DPE16XB4	26.44	4024	17900	-	-	586	266
20 HP (15 kW)	66	1.05	19029	2150	BG70-../DPE16XB4	27.21	3687	16400	-	-	476	216
20 HP (15 kW)	61	1.85	20357	2300	BG80-../DPE16XB4	29.36	4249	18900	-	-	586	266
20 HP (15 kW)	60	0.98	20799	2350	BG70-../DPE16XB4	29.69	3799	16900	-	-	476	216
20 HP (15 kW)	55	3.2	23012	2600	BG90-../DPE16XB4	32.62	14613	65000	-	-	785	356
20 HP (15 kW)	53	1.55	23897	2700	BG80-../DPE16XB4	34.22	4541	20200	-	-	586	266
20 HP (15 kW)	51	0.82	24782	2800	BG70-../DPE16XB4	35.24	4114	18300	-	-	476	216
20 HP (15 kW)	47	1.4	26552	3000	BG80-../DPE16XB4	38.00	4788	21300	-	-	586	266
20 HP (15 kW)	47	2.8	26552	3000	BG90-../DPE16XB4	38.21	14613	65000	-	-	785	356
20 HP (15 kW)	43	2.5	29207	3300	BG90-../DPE16XB4	41.85	14613	65000	-	-	785	356
20 HP (15 kW)	41	1.2	30535	3450	BG80-../DPE16XB4	43.94	5081	22600	-	-	586	266
20 HP (15 kW)	36.5	1.1	34518	3900	BG80-../DPE16XB4	48.80	5350	23800	-	-	586	266
20 HP (15 kW)	36.5	2.2	34518	3900	BG90-../DPE16XB4	48.82	14613	65000	-	-	785	356
20 HP (15 kW)	33.5	2.0	37616	4250	BG90-../DPE16XB4	53.46	14613	65000	-	-	785	356

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

BG-series helical-geared motors

Selection helical-geared motors

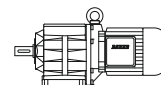
20 HP (15 kW)



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)	31.5	0.93	39828	4500	BG80-../DPE16XB4	57.24	5710	25400	-	-	586	266
20 HP (15 kW)	31.5	1.5	39828	4500	BG90Z-../DPE16XB4	57.04	14613	65000	-	-	915	415
20 HP (15 kW)	28.5	0.84	44254	5000	BG80-../DPE16XB4	63.56	5845	26000	-	-	586	266
20 HP (15 kW)	28.5	1.5	44254	5000	BG90Z-../DPE16XB4	62.47	14613	65000	-	-	915	415
20 HP (15 kW)	28.5	3.1	44254	5000	BG100-../DPE16XB4	63.49	20233	90000	-	-	1160	526
20 HP (15 kW)	25.5	2.8	49564	5600	BG100-../DPE16XB4	70.69	20233	90000	-	-	1160	526
20 HP (15 kW)	23.5	1.4	53104	6000	BG90Z-../DPE16XB4	76.61	14613	65000	-	-	915	415
20 HP (15 kW)	22.5	2.6	55760	6300	BG100-../DPE16XB4	80.85	20233	90000	-	-	1160	526
20 HP (15 kW)	21.5	1.25	58415	6600	BG90Z-../DPE16XB4	83.91	14613	65000	-	-	915	415
20 HP (15 kW)	20	2.4	62840	7100	BG100-../DPE16XB4	90.02	20233	90000	-	-	1160	526
20 HP (15 kW)	18.5	1.1	68151	7700	BG90Z-../DPE16XB4	96.53	14613	65000	-	-	915	415
20 HP (15 kW)	17	1.0	74346	8400	BG90Z-../DPE16XB4	105.7	14613	65000	-	-	915	415
20 HP (15 kW)	17	2.0	74346	8400	BG100-../DPE16XB4	107.5	20233	90000	-	-	1160	526
20 HP (15 kW)	15	1.75	84082	9500	BG100-../DPE16XB4	119.7	20233	90000	-	-	1160	526
20 HP (15 kW)	14.5	0.86	86737	9800	BG90Z-../DPE16XB4	127.1	14613	65000	-	-	915	415
20 HP (15 kW)	13	1.55	97358	11000	BG100-../DPE16XB4	139.1	20233	90000	-	-	1160	526
20 HP (15 kW)	11.5	1.35	109749	12400	BG100-../DPE16XB4	154.8	20233	90000	-	-	1160	526
20 HP (15 kW)	10	1.15	126566	14300	BG100-../DPE16XB4	178.6	20233	90000	-	-	1160	526
20 HP (15 kW)	9.0	1.05	140727	15900	BG100-../DPE16XB4	198.8	20233	90000	-	-	1160	526
20 HP (15 kW)	7.7	0.9	164624	18600	BG100-../DPE16XB4	232.6	20233	90000	-	-	1160	526
20 HP (15 kW)	6.9	0.81	183210	20700	BG100-../DPE16XB4	259.0	20233	90000	-	-	1160	526
20 HP (15 kW)	6.6	0.85	192061	21700	BG100Z-../DPE16XB4	269.8	20233	90000	-	-	1362	618

6

25 HP (18.5 kW)



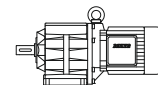
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
25 HP (18.5 kW)	730	1.3	2124	240	BG50-../DPE18LB4	2.47	652	2900	-	-	441	200
25 HP (18.5 kW)	710	2.2	2168	245	BG60-../DPE18LB4	2.52	1394	6200	-	-	505	229
25 HP (18.5 kW)	510	1.0	3054	345	BG50-../DPE18LB4	3.55	742	3300	-	-	441	200
25 HP (18.5 kW)	480	1.7	3231	365	BG60-../DPE18LB4	3.74	1596	7100	-	-	505	229
25 HP (18.5 kW)	365	0.83	4248	480	BG50-../DPE18LB4	4.91	787	3500	-	-	441	200
25 HP (18.5 kW)	360	1.4	4337	490	BG60-../DPE18LB4	4.98	1754	7800	-	-	505	229
25 HP (18.5 kW)	360	3.1	4337	490	BG70-../DPE18LB4	4.95	1551	6900	-	-	567	257
25 HP (18.5 kW)	305	3.1	5045	570	BG70-../DPE18LB4	5.87	1843	8200	-	-	567	257
25 HP (18.5 kW)	260	1.15	5930	670	BG60-../DPE18LB4	6.88	1933	8600	-	-	505	229
25 HP (18.5 kW)	250	3.1	6196	700	BG70-../DPE18LB4	7.14	1978	8800	-	-	567	257
25 HP (18.5 kW)	210	2.7	7435	840	BG70-../DPE18LB4	8.48	2136	9500	-	-	567	257
25 HP (18.5 kW)	195	0.99	7966	900	BG60-../DPE18LB4	9.13	2203	9800	-	-	505	229
25 HP (18.5 kW)	177	2.3	8762	990	BG70-../DPE18LB4	10.09	2293	10200	-	-	567	257
25 HP (18.5 kW)	176	0.91	8851	1000	BG60-../DPE18LB4	10.12	2293	10200	-	-	505	229
25 HP (18.5 kW)	149	1.95	10444	1180	BG70-../DPE18LB4	11.97	2518	11200	-	-	567	257
25 HP (18.5 kW)	147	0.82	10621	1200	BG60-../DPE18LB4	12.16	2428	10800	-	-	505	229
25 HP (18.5 kW)	137	1.8	11329	1280	BG70-../DPE18LB4	13.08	2608	11600	-	-	567	257
25 HP (18.5 kW)	115	1.5	13542	1530	BG70-../DPE18LB4	15.53	2855	12700	-	-	567	257
25 HP (18.5 kW)	114	2.7	13630	1540	BG80-../DPE18LB4	15.62	3080	13700	-	-	686	311
25 HP (18.5 kW)	103	2.5	15135	1710	BG80-../DPE18LB4	17.35	3282	14600	-	-	686	311
25 HP (18.5 kW)	101	1.3	15400	1740	BG70-../DPE18LB4	17.68	3012	13400	-	-	567	257
25 HP (18.5 kW)	90	2.1	17347	1960	BG80-../DPE18LB4	19.89	3485	15500	-	-	686	311
25 HP (18.5 kW)	85	1.1	18144	2050	BG70-../DPE18LB4	20.98	3282	14600	-	-	567	257
25 HP (18.5 kW)	81	1.95	19029	2150	BG80-../DPE18LB4	22.09	3709	16500	-	-	686	311
25 HP (18.5 kW)	78	1.0	19914	2250	BG70-../DPE18LB4	22.92	3395	15100	-	-	567	257

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

BG-series helical-geared motors

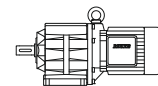
Selection helical-geared motors

25 HP (18.5 kW)



P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
							Standard Bearings	Reinforced Bearings				
[kW]	RPM	SF	lbf-in	Nm			lb.f	N	lb.f	N	lb	kg
25 HP (18.5 kW)	68	1.65	22569	2550	BG80-../DPE18LB4	26.44	4024	17900	-	-	686	311
25 HP (18.5 kW)	66	0.87	23454	2650	BG70-../DPE18LB4	27.21	3687	16400	-	-	567	257
25 HP (18.5 kW)	61	1.45	25225	2850	BG80-../DPE18LB4	29.36	4249	18900	-	-	686	311
25 HP (18.5 kW)	60	2.9	25667	2900	BG90-../DPE18LB4	29.78	14613	65000	-	-	886	402
25 HP (18.5 kW)	55	2.6	28322	3200	BG90-../DPE18LB4	32.62	14613	65000	-	-	886	402
25 HP (18.5 kW)	53	1.25	29207	3300	BG80-../DPE18LB4	34.22	4541	20200	-	-	686	311
25 HP (18.5 kW)	47	1.1	33190	3750	BG80-../DPE18LB4	38.00	4788	21300	-	-	686	311
25 HP (18.5 kW)	47	2.2	33190	3750	BG90-../DPE18LB4	38.21	14613	65000	-	-	886	402
25 HP (18.5 kW)	43	2.0	36288	4100	BG90-../DPE18LB4	41.85	14613	65000	-	-	886	402
25 HP (18.5 kW)	41	0.98	38058	4300	BG80-../DPE18LB4	43.94	5081	22600	-	-	686	311
25 HP (18.5 kW)	38.5	3.1	40271	4550	BG100-../DPE18LB4	46.43	20233	90000	-	-	1261	572
25 HP (18.5 kW)	36.5	0.88	42484	4800	BG80-../DPE18LB4	48.80	5350	23800	-	-	686	311
25 HP (18.5 kW)	36.5	1.75	42484	4800	BG90-../DPE18LB4	48.82	14613	65000	-	-	886	402
25 HP (18.5 kW)	34.5	2.8	45139	5100	BG100-../DPE18LB4	51.70	20233	90000	-	-	1261	572
25 HP (18.5 kW)	33.5	1.6	46024	5200	BG90-../DPE18LB4	53.46	14613	65000	-	-	886	402
25 HP (18.5 kW)	31.5	1.2	49564	5600	BG90Z-../DPE18LB4	57.04	14613	65000	-	-	1005	456
25 HP (18.5 kW)	28.5	1.25	53990	6100	BG90Z-../DPE18LB4	62.47	14613	65000	-	-	1005	456
25 HP (18.5 kW)	28.5	2.5	53990	6100	BG100-../DPE18LB4	63.49	20233	90000	-	-	1261	572
25 HP (18.5 kW)	25.5	2.3	61070	6900	BG100-../DPE18LB4	70.69	20233	90000	-	-	1261	572
25 HP (18.5 kW)	23.5	1.1	66381	7500	BG90Z-../DPE18LB4	76.61	14613	65000	-	-	1005	456
25 HP (18.5 kW)	22.5	2.1	69036	7800	BG100-../DPE18LB4	80.85	20233	90000	-	-	1261	572
25 HP (18.5 kW)	21.5	1.0	72576	8200	BG90Z-../DPE18LB4	83.91	14613	65000	-	-	1005	456
25 HP (18.5 kW)	20	1.9	77887	8800	BG100-../DPE18LB4	90.02	20233	90000	-	-	1261	572
25 HP (18.5 kW)	18.5	0.88	84082	9500	BG90Z-../DPE18LB4	96.53	14613	65000	-	-	1005	456
25 HP (18.5 kW)	17	0.82	91163	10300	BG90Z-../DPE18LB4	105.7	14613	65000	-	-	1005	456
25 HP (18.5 kW)	17	1.65	91163	10300	BG100-../DPE18LB4	107.5	20233	90000	-	-	1261	572
25 HP (18.5 kW)	15	1.45	103554	11700	BG100-../DPE18LB4	119.7	20233	90000	-	-	1261	572
25 HP (18.5 kW)	13	1.25	119485	13500	BG100-../DPE18LB4	139.1	20233	90000	-	-	1261	572
25 HP (18.5 kW)	11.5	1.1	135416	15300	BG100-../DPE18LB4	154.8	20233	90000	-	-	1261	572
25 HP (18.5 kW)	10	0.95	155773	17600	BG100-../DPE18LB4	178.6	20233	90000	-	-	1261	572
25 HP (18.5 kW)	9.0	0.86	173475	19600	BG100-../DPE18LB4	198.8	20233	90000	-	-	1261	572

30 HP (22 kW)



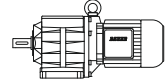
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
							Standard Bearings	Reinforced Bearings				
[kW]	RPM	SF	lbf-in	Nm			lb.f	N	lb.f	N	lb	kg
30 HP (22 kW)	360	2.6	5133	580	BG70-../DPE18XB4	4.95	1551	6900	-	-	606	275
30 HP (22 kW)	305	2.6	6019	680	BG70-../DPE18XB4	5.87	1843	8200	-	-	606	275
30 HP (22 kW)	250	2.6	7435	840	BG70-../DPE18XB4	7.14	1978	8800	-	-	606	275
30 HP (22 kW)	210	2.3	8851	1000	BG70-../DPE18XB4	8.48	2136	9500	-	-	606	275
30 HP (22 kW)	177	1.95	10444	1180	BG70-../DPE18XB4	10.09	2293	10200	-	-	606	275
30 HP (22 kW)	156	3.1	11860	1340	BG80-../DPE18XB4	11.43	2608	11600	-	-	725	329
30 HP (22 kW)	149	1.65	12480	1410	BG70-../DPE18XB4	11.97	2518	11200	-	-	606	275
30 HP (22 kW)	141	2.8	13188	1490	BG80-../DPE18XB4	12.69	2788	12400	-	-	725	329
30 HP (22 kW)	137	1.5	13542	1530	BG70-../DPE18XB4	13.08	2608	11600	-	-	606	275
30 HP (22 kW)	115	1.25	16108	1820	BG70-../DPE18XB4	15.53	2855	12700	-	-	606	275
30 HP (22 kW)	114	2.3	16285	1840	BG80-../DPE18XB4	15.62	3080	13700	-	-	725	329
30 HP (22 kW)	103	2.1	17701	2000	BG80-../DPE18XB4	17.35	3282	14600	-	-	725	329
30 HP (22 kW)	101	1.1	18144	2050	BG70-../DPE18XB4	17.68	3012	13400	-	-	606	275
30 HP (22 kW)	90	1.85	20357	2300	BG80-../DPE18XB4	19.89	3485	15500	-	-	725	329
30 HP (22 kW)	85	0.94	21684	2450	BG70-../DPE18XB4	20.98	3282	14600	-	-	606	275
30 HP (22 kW)	81	1.65	22569	2550	BG80-../DPE18XB4	22.09	3709	16500	-	-	725	329

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

BG-series helical-geared motors

Selection helical-geared motors

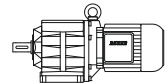
30 HP (22 kW)



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
30 HP (22 kW)	79	3.2	23454	2650	BG90-../DPE18XB4	22.62	14613	65000	-	-	926	420
30 HP (22 kW)	78	0.87	23454	2650	BG70-../DPE18XB4	22.92	3395	15100	-	-	606	275
30 HP (22 kW)	72	2.9	25667	2900	BG90-../DPE18XB4	24.78	14613	65000	-	-	926	420
30 HP (22 kW)	68	1.4	26995	3050	BG80-../DPE18XB4	26.44	4024	17900	-	-	725	329
30 HP (22 kW)	61	1.25	30093	3400	BG80-../DPE18XB4	29.36	4249	18900	-	-	725	329
30 HP (22 kW)	60	2.4	30978	3500	BG90-../DPE18XB4	29.78	14613	65000	-	-	926	420
30 HP (22 kW)	55	2.2	33633	3800	BG90-../DPE18XB4	32.62	14613	65000	-	-	926	420
30 HP (22 kW)	53	1.05	34960	3950	BG80-../DPE18XB4	34.22	4541	20200	-	-	725	329
30 HP (22 kW)	53	3.3	34960	3950	BG100-../DPE18XB4	33.71	19896	88500	-	-	1301	590
30 HP (22 kW)	47.5	3.0	38943	4400	BG100-../DPE18XB4	37.54	20233	90000	-	-	1301	590
30 HP (22 kW)	47	0.94	39386	4450	BG80-../DPE18XB4	38.00	4788	21300	-	-	725	329
30 HP (22 kW)	47	1.9	39386	4450	BG90-../DPE18XB4	38.21	14613	65000	-	-	926	420
30 HP (22 kW)	43	1.75	42926	4850	BG90-../DPE18XB4	41.85	14613	65000	-	-	926	420
30 HP (22 kW)	41	0.82	45139	5100	BG80-../DPE18XB4	43.94	5081	22600	-	-	725	329
30 HP (22 kW)	38.5	2.6	47794	5400	BG100-../DPE18XB4	46.43	20233	90000	-	-	1301	590
30 HP (22 kW)	36.5	1.45	50449	5700	BG90-../DPE18XB4	48.82	14613	65000	-	-	926	420
30 HP (22 kW)	34.5	2.4	53104	6000	BG100-../DPE18XB4	51.70	20233	90000	-	-	1301	590
30 HP (22 kW)	33.5	1.35	54875	6200	BG90-../DPE18XB4	53.46	14613	65000	-	-	926	420
30 HP (22 kW)	31.5	1.05	58415	6600	BG90Z-../DPE18XB4	57.04	14613	65000	-	-	1045	474
30 HP (22 kW)	28.5	1.05	64610	7300	BG90Z-../DPE18XB4	62.47	14613	65000	-	-	1045	474
30 HP (22 kW)	28.5	2.1	64610	7300	BG100-../DPE18XB4	63.49	20233	90000	-	-	1301	590
30 HP (22 kW)	25.5	1.95	72576	8200	BG100-../DPE18XB4	70.69	20233	90000	-	-	1301	590
30 HP (22 kW)	23.5	0.94	78772	8900	BG90Z-../DPE18XB4	76.61	14613	65000	-	-	1045	474
30 HP (22 kW)	22.5	1.8	82312	9300	BG100-../DPE18XB4	80.85	20233	90000	-	-	1301	590
30 HP (22 kW)	21.5	0.87	85852	9700	BG90Z-../DPE18XB4	83.91	14613	65000	-	-	1045	474
30 HP (22 kW)	20	1.6	92933	10500	BG100-../DPE18XB4	90.02	20233	90000	-	-	1301	590
30 HP (22 kW)	17	1.35	108864	12300	BG100-../DPE18XB4	107.5	20233	90000	-	-	1301	590
30 HP (22 kW)	15	1.2	123910	14000	BG100-../DPE18XB4	119.7	20233	90000	-	-	1301	590
30 HP (22 kW)	13	1.05	142497	16100	BG100-../DPE18XB4	139.1	20233	90000	-	-	1301	590
30 HP (22 kW)	11.5	0.92	161084	18200	BG100-../DPE18XB4	154.8	20233	90000	-	-	1301	590
30 HP (22 kW)	10	0.8	185866	21000	BG100-../DPE18XB4	178.6	20233	90000	-	-	1301	590

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40 HP (30 kW)



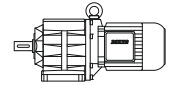
P _N			Output Torque				Permissible Overhung Load				Weight	
							Standard Bearings		Reinforced Bearings			
[kW]	RPM	SF	lbf-in	Nm	Type	i	lb.f	N	lb.f	N	lb	kg
40 HP (30 kW)	365	1.9	6904	780	BG70-../DPE20XA4	4.95	1551	6900	-	-	948	430
40 HP (30 kW)	305	1.9	8231	930	BG70-../DPE20XA4	5.87	1843	8200	-	-	948	430
40 HP (30 kW)	305	2.8	8231	930	BG80-../DPE20XA4	5.94	1866	8300	-	-	1063	482
40 HP (30 kW)	275	2.8	9205	1040	BG80-../DPE20XA4	6.60	2046	9100	-	-	1063	482
40 HP (30 kW)	250	1.9	10090	1140	BG70-../DPE20XA4	7.14	1978	8800	-	-	948	430
40 HP (30 kW)	220	2.9	11506	1300	BG80-../DPE20XA4	8.30	2338	10400	-	-	1063	482
40 HP (30 kW)	215	1.7	11771	1330	BG70-../DPE20XA4	8.48	2136	9500	-	-	948	430
40 HP (30 kW)	194	2.7	13011	1470	BG80-../DPE20XA4	9.21	2428	10800	-	-	1063	482
40 HP (30 kW)	177	1.45	14250	1610	BG70-../DPE20XA4	10.09	2293	10200	-	-	948	430
40 HP (30 kW)	157	2.3	16108	1820	BG80-../DPE20XA4	11.43	2608	11600	-	-	1063	482
40 HP (30 kW)	150	1.2	16905	1910	BG70-../DPE20XA4	11.97	2518	11200	-	-	948	430
40 HP (30 kW)	141	2.1	17701	2000	BG80-../DPE20XA4	12.69	2788	12400	-	-	1063	482
40 HP (30 kW)	137	1.1	18144	2050	BG70-../DPE20XA4	13.08	2608	11600	-	-	948	430
40 HP (30 kW)	115	0.94	21684	2450	BG70-../DPE20XA4	15.53	2855	12700	-	-	948	430
40 HP (30 kW)	115	1.7	21684	2450	BG80-../DPE20XA4	15.62	3080	13700	-	-	1063	482
40 HP (30 kW)	103	1.55	24340	2750	BG80-../DPE20XA4	17.35	3282	14600	-	-	1063	482

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

BG-series helical-geared motors

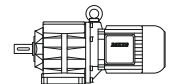
Selection helical-geared motors

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)	101	0.82	24782	2800	BG70-../DPE20XA4	17.68	3012	13400	-	-	948	430
40 HP (30 kW)	100	2.9	25225	2850	BG90-../DPE20XA4	17.96	13444	59800	-	-	1265	574
40 HP (30 kW)	91	2.7	27437	3100	BG90-../DPE20XA4	19.67	14028	62400	-	-	1265	574
40 HP (30 kW)	90	1.35	27880	3150	BG80-../DPE20XA4	19.89	3485	15500	-	-	1063	482
40 HP (30 kW)	81	1.2	30978	3500	BG80-../DPE20XA4	22.09	3709	16500	-	-	1063	482
40 HP (30 kW)	79	2.3	31863	3600	BG90-../DPE20XA4	22.62	14613	65000	-	-	1265	574
40 HP (30 kW)	75	3.0	33633	3800	BG100-../DPE20XA4	23.95	19761	87900	-	-	1638	743
40 HP (30 kW)	73	2.2	34518	3900	BG90-../DPE20XA4	24.78	14613	65000	-	-	1265	574
40 HP (30 kW)	68	1.0	37173	4200	BG80-../DPE20XA4	26.44	4024	17900	-	-	1063	482
40 HP (30 kW)	61	0.9	41156	4650	BG80-../DPE20XA4	29.36	4249	18900	-	-	1063	482
40 HP (30 kW)	60	1.75	42041	4750	BG90-../DPE20XA4	29.78	14613	65000	-	-	1265	574
40 HP (30 kW)	55	1.6	46024	5200	BG90-../DPE20XA4	32.62	14613	65000	-	-	1265	574
40 HP (30 kW)	53	2.4	47794	5400	BG100-../DPE20XA4	33.71	19896	88500	-	-	1638	743
40 HP (30 kW)	48	2.2	52219	5900	BG100-../DPE20XA4	37.54	20233	90000	-	-	1638	743
40 HP (30 kW)	47	1.4	53104	6000	BG90-../DPE20XA4	38.21	14613	65000	-	-	1265	574
40 HP (30 kW)	43	1.25	58415	6600	BG90-../DPE20XA4	41.85	14613	65000	-	-	1265	574
40 HP (30 kW)	38.5	1.9	65496	7400	BG100-../DPE20XA4	46.43	20233	90000	-	-	1638	743
40 HP (30 kW)	37	1.1	68151	7700	BG90-../DPE20XA4	48.82	14613	65000	-	-	1265	574
40 HP (30 kW)	35	1.8	71691	8100	BG100-../DPE20XA4	51.70	20233	90000	-	-	1638	743
40 HP (30 kW)	33.5	0.99	75231	8500	BG90-../DPE20XA4	53.46	14613	65000	-	-	1265	574
40 HP (30 kW)	28.5	1.55	88507	10000	BG100-../DPE20XA4	63.49	20233	90000	-	-	1638	743
40 HP (30 kW)	25.5	1.4	99128	11200	BG100-../DPE20XA4	70.69	20233	90000	-	-	1638	743
40 HP (30 kW)	22.5	1.3	112404	12700	BG100-../DPE20XA4	80.85	20233	90000	-	-	1638	743
40 HP (30 kW)	20	1.15	126566	14300	BG100-../DPE20XA4	90.02	20233	90000	-	-	1638	743
40 HP (30 kW)	17	1.0	148693	16800	BG100-../DPE20XA4	107.5	20233	90000	-	-	1638	743
40 HP (30 kW)	15	0.88	169049	19100	BG100-../DPE20XA4	119.7	20233	90000	-	-	1638	743

50 HP (37 kW)



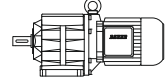
P _N			Output Torque		Type	i	Permissible Overhung Load				Weight	
			lbf-in	Nm			Standard Bearings		Reinforced Bearings		lb	kg
[kW]	RPM	SF					lb.f	N	lb.f	N		
50 HP (37 kW)	360	1.55	8674	980	BG70-../DPE22MA4	4.95	1551	6900	-	-	1071	486
50 HP (37 kW)	305	1.55	10178	1150	BG70-../DPE22MA4	5.87	1843	8200	-	-	1071	486
50 HP (37 kW)	300	2.3	10355	1170	BG80-../DPE22MA4	5.94	1866	8300	-	-	1186	538
50 HP (37 kW)	270	2.3	11506	1300	BG80-../DPE22MA4	6.60	2046	9100	-	-	1186	538
50 HP (37 kW)	250	1.55	12480	1410	BG70-../DPE22MA4	7.14	1978	8800	-	-	1071	486
50 HP (37 kW)	215	2.3	14515	1640	BG80-../DPE22MA4	8.30	2338	10400	-	-	1186	538
50 HP (37 kW)	210	1.35	14869	1680	BG70-../DPE22MA4	8.48	2136	9500	-	-	1071	486
50 HP (37 kW)	194	2.2	16108	1820	BG80-../DPE22MA4	9.21	2428	10800	-	-	1186	538
50 HP (37 kW)	177	1.15	17613	1990	BG70-../DPE22MA4	10.09	2293	10200	-	-	1071	486
50 HP (37 kW)	164	3.3	19029	2150	BG90-../DPE22MA4	10.90	11758	52300	-	-	1389	630
50 HP (37 kW)	156	1.85	19914	2250	BG80-../DPE22MA4	11.43	2608	11600	-	-	1186	538
50 HP (37 kW)	143	3.0	21684	2450	BG100-../DPE22MA4	12.45	16209	72100	-	-	1761	799
50 HP (37 kW)	141	1.7	22127	2500	BG80-../DPE22MA4	12.69	2788	12400	-	-	1186	538
50 HP (37 kW)	134	2.9	23012	2600	BG90-../DPE22MA4	13.37	12364	55000	-	-	1389	630
50 HP (37 kW)	122	2.7	25225	2850	BG90-../DPE22MA4	14.64	12814	57000	-	-	1389	630
50 HP (37 kW)	114	1.4	26995	3050	BG80-../DPE22MA4	15.62	3080	13700	-	-	1186	538
50 HP (37 kW)	103	1.25	30093	3400	BG80-../DPE22MA4	17.35	3282	14600	-	-	1186	538
50 HP (37 kW)	103	3.0	30093	3400	BG100-../DPE22MA4	17.39	18524	82400	-	-	1761	799
50 HP (37 kW)	100	2.4	30978	3500	BG90-../DPE22MA4	17.96	13444	59800	-	-	1389	630
50 HP (37 kW)	91	2.2	34075	3850	BG90-../DPE22MA4	19.67	14028	62400	-	-	1389	630
50 HP (37 kW)	90	1.1	34518	3900	BG80-../DPE22MA4	19.89	3485	15500	-	-	1186	538

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

BG-series helical-geared motors

Selection helical-geared motors

50 HP (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
50 HP (37 kW)	79	1.9	39386	4450	BG90-../DPE22MA4	22.62	14613	65000	-	-	1389	630
50 HP (37 kW)	75	2.4	41599	4700	BG100-../DPE22MA4	23.95	19761	87900	-	-	1761	799
50 HP (37 kW)	72	1.7	43369	4900	BG90-../DPE22MA4	24.78	14613	65000	-	-	1389	630
50 HP (37 kW)	60	1.45	51334	5800	BG90-../DPE22MA4	29.78	14613	65000	-	-	1389	630
50 HP (37 kW)	55	1.3	56645	6400	BG90-../DPE22MA4	32.62	14613	65000	-	-	1389	630
50 HP (37 kW)	53	1.95	58415	6600	BG100-../DPE22MA4	33.71	19896	88500	-	-	1761	799
50 HP (37 kW)	47.5	1.8	65496	7400	BG100-../DPE22MA4	37.54	20233	90000	-	-	1761	799
50 HP (37 kW)	47	1.1	66381	7500	BG90-../DPE22MA4	38.21	14613	65000	-	-	1389	630
50 HP (37 kW)	43	1.0	72576	8200	BG90-../DPE22MA4	41.85	14613	65000	-	-	1389	630
50 HP (37 kW)	38.5	1.55	80542	9100	BG100-../DPE22MA4	46.43	20233	90000	-	-	1761	799
50 HP (37 kW)	34.5	1.4	90278	10200	BG100-../DPE22MA4	51.70	20233	90000	-	-	1761	799
50 HP (37 kW)	28.5	1.25	108864	12300	BG100-../DPE22MA4	63.49	20233	90000	-	-	1761	799
50 HP (37 kW)	25.5	1.15	122140	13800	BG100-../DPE22MA4	70.69	20233	90000	-	-	1761	799
50 HP (37 kW)	22.5	1.05	138957	15700	BG100-../DPE22MA4	80.85	20233	90000	-	-	1761	799

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

Energy Efficient Geared Motors

AC Line Operated / North America
