

BG-series helical-geared motors - Selection

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Energy Efficient Geared Motors

AC Line Operated

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 **service factors**. 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_s/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)

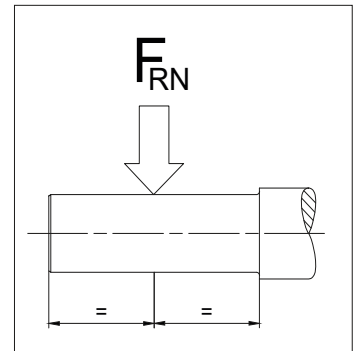
Key to abbreviations

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)



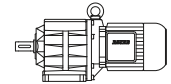
Use the selection tables to determine the size of geared motor required. The codes clearly define the Type of gear (see chapter 10 "dimensional drawings, helical-geared motors").

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).

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1



0.03 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.03	540	0.53	7.5	2.51	BG04-../D04LA4	4.4	340	-
0.03	370	0.77	6.5	3.65	BG04-../D04LA4	4.4	390	-
0.03	310	0.92	7.6	4.39	BG04-../D04LA4	4.4	380	-
0.03	255	1.12	8.0	5.36	BG04-../D04LA4	4.4	380	-
0.03	220	1.3	8.5	6.18	BG04-../D04LA4	4.4	415	-
0.03	205	1.39	7.2	6.67	BG04-../D04LA4	4.4	410	-
0.03	199	1.43	7.7	6.80	BG04-../D04LA4	4.4	420	-
0.03	158	1.81	6.1	8.58	BG04-../D04LA4	4.4	410	-
0.03	150	1.91	6.3	9.00	BG04-../D04LA4	4.4	470	-
0.03	137	2.05	6.3	9.90	BG04-../D04LA4	4.4	480	-
0.03	125	2.25	6.2	10.82	BG04-../D04LA4	4.4	480	-
0.03	114	2.5	6.0	11.90	BG04-../D04LA4	4.4	490	-
0.03	108	2.65	5.7	12.55	BG04-../D04LA4	4.4	490	-
0.03	103	2.75	5.8	13.20	BG04-../D04LA4	4.4	500	-
0.03	93	3.05	5.6	14.52	BG04-../D04LA4	4.4	510	-
0.03	83	3.45	5.2	16.44	BG04-../D04LA4	4.4	530	-
0.03	75	3.8	4.7	18.08	BG04-../D04LA4	4.4	540	-
0.03	64	4.45	4.3	21.12	BG04-../D04LA4	4.4	560	-
0.03	59	4.85	4.1	23.23	BG04-../D04LA4	4.4	600	-
0.03	56	5.1	3.9	24.45	BG04-../D04LA4	4.4	610	-
0.03	51	5.6	3.6	26.89	BG04-../D04LA4	4.4	650	-
0.03	44	6.5	3.1	30.91	BG04-../D04LA4	4.4	690	-
0.03	40	7.1	2.8	34.00	BG04-../D04LA4	4.4	720	-
0.03	38.5	7.4	2.7	35.35	BG04-../D04LA4	4.4	730	-
0.03	35	8.1	2.5	38.89	BG04-../D04LA4	4.4	750	-
0.03	32	8.9	2.2	42.24	BG04-../D04LA4	4.4	750	-
0.03	29.5	9.7	2.1	46.47	BG04-../D04LA4	4.4	750	-
0.03	28.5	10	2.0	47.52	BG04-../D04LA4	4.4	750	-
0.03	26	11	1.8	52.28	BG04-../D04LA4	4.4	750	-
0.03	25	11.4	1.75	54.97	BG04-../D04LA4	4.4	750	-
0.03	22.5	12.7	1.55	60.47	BG04-../D04LA4	4.4	750	-
0.03	31	9.2	3.3	43.57	BG05-../D04LA4	5.1	900	-
0.03	29	9.8	3.1	47.00	BG05-../D04LA4	5.1	930	-
0.03	26.5	10.8	2.8	51.27	BG05-../D04LA4	5.1	970	-
0.03	25.5	11.2	2.7	53.44	BG05-../D04LA4	5.1	980	-
0.03	23.5	12.1	2.5	58.30	BG05-../D04LA4	5.1	1000	-
0.03	18	13.8	2.9	75.99	BG06G04-../D04LA4	8.4	1070	-
0.03	16.5	15	2.9	82.89	BG06G04-../D04LA4	8.4	1070	-
0.03	15	16.5	2.7	93.00	BG06G04-../D04LA4	8.4	1070	-
0.03	13.5	18.4	2.4	101.5	BG06G04-../D04LA4	8.4	1070	-
0.03	11.5	21	2.1	122.0	BG06G04-../D04LA4	8.4	1070	-
0.03	9.1	26	1.75	149.0	BG06G04-../D04LA4	8.4	1070	-
0.03	7.3	33.5	1.35	185.4	BG06G04-../D04LA4	8.4	1070	-
0.03	5.4	46	0.98	250.2	BG06G04-../D04LA4	8.4	1070	-
0.03	5.0	50	0.9	275.2	BG06G04-../D04LA4	8.4	1070	-
0.03	4.1	45*	1.0	330.8	BG06G04-../D04LA4	8.4	1070	-
0.03	3.7	45*	1.0	367.0	BG06G04-../D04LA4	8.4	1070	-
0.03	3.0	45*	1.0	457.0	BG06G04-../D04LA4	8.4	1070	-
0.03	2.7	45*	1.0	502.6	BG06G04-../D04LA4	8.4	1070	-
0.03	2.3	45*	1.0	587.1	BG06G04-../D04LA4	8.4	1070	-
0.03	2.1	45*	1.0	645.8	BG06G04-../D04LA4	8.4	1070	-
0.03	1.9	45*	1.0	747.5	BG06G04-../D04LA4	8.4	1070	-
0.03	1.6	45*	1.0	859.3	BG06G04-../D04LA4	8.4	1070	-
0.03	1.5	45*	1.0	945.2	BG06G04-../D04LA4	8.4	1070	-
0.03	1.3	45*	1.0	1081	BG06G04-../D04LA4	8.4	1070	-
0.03	1.2	45*	1.0	1174	BG06G04-../D04LA4	8.4	1070	-
0.03	1.1	45*	1.0	1321	BG06G04-../D04LA4	8.4	1070	-
0.03	0.9	45*	1.0	1528	BG06G04-../D04LA4	8.4	1070	-
0.03	0.85	45*	1.0	1681	BG06G04-../D04LA4	8.4	1070	-
0.03	0.7	45*	1.0	1948	BG06G04-../D04LA4	8.4	1070	-
0.03	0.65	45*	1.0	2126	BG06G04-../D04LA4	8.4	1070	-
0.03	0.6	45*	1.0	2435	BG06G04-../D04LA4	8.4	1070	-
0.03	20.5	13.9	3.2	66.79	BG06-../D04LA4	6.1	1070	-
0.03	7.4	38.5	3.1	184.0	BG10Z-../D04LA4	11	2000	2800
0.03	7.0	40.5	3.0	194.6	BG10Z-../D04LA4	11	2000	2800
0.03	6.3	45	2.7	215.7	BG10Z-../D04LA4	11	2000	2800

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

BG-series helical-geared motors

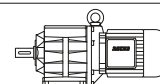
Selection helical-geared motors DSE - IE1

0.03 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.03	5.7	50	2.4	240.4	BG10Z-../D04LA4	11	2000	2800
0.03	5.1	56	2.1	266.3	BG10Z-../D04LA4	11	2000	2800
0.03	4.9	58	2.1	276.0	BG10Z-../D04LA4	11	2000	2800
0.03	4.5	63	1.9	305.8	BG10Z-../D04LA4	11	2000	2800
0.03	3.6	49	2.7	379.6	BG10G06-../D04LA4	14	2000	2800
0.03	3.1	57	2.3	435.9	BG10G06-../D04LA4	14	2000	2800
0.03	2.7	68	1.9	512.6	BG10G06-../D04LA4	14	2000	2800
0.03	2.3	83	1.55	613.6	BG10G06-../D04LA4	14	2000	2800
0.03	1.9	105	1.25	748.9	BG10G06-../D04LA4	14	2000	2800
0.03	1.6	130	1.0	899.5	BG10G06-../D04LA4	14	2000	2800
0.03	1.3	130*	1.0	1081	BG10G06-../D04LA4	14	2000	2800
0.03	1.1	130*	1.0	1272	BG10G06-../D04LA4	14	2000	2800
0.03	0.9	130*	1.0	1523	BG10G06-../D04LA4	14	2000	2800
0.03	0.75	130*	1.0	1863	BG10G06-../D04LA4	14	2000	2800
0.03	0.6	130*	1.0	2356	BG10G06-../D04LA4	14	2000	2800
0.03	0.55	130*	1.0	2699	BG10G06-../D04LA4	14	2000	2800
0.03	0.46	130*	1.0	2944	BG10G06-../D04LA4	14	2000	2800
0.03	0.4	130*	1.0	3378	BG10G06-../D04LA4	14	2000	2800
0.03	0.37	130*	1.0	3684	BG10G06-../D04LA4	14	2000	2800
0.03	0.31	130*	1.0	4477	BG10G06-../D04LA4	14	2000	2800
0.03	0.28	130*	1.0	4884	BG10G06-../D04LA4	14	2000	2800
0.03	2.5	77	2.9	550.6	BG20G06-../D04LA4	17	5000	2100
0.03	2.1	95	2.3	671.9	BG20G06-../D04LA4	17	5000	2100
0.03	1.7	125	1.75	807.1	BG20G06-../D04LA4	17	5000	2100
0.03	1.4	160	1.4	969.9	BG20G06-../D04LA4	17	5000	2100
0.03	1.2	188	1.15	1142	BG20G06-../D04LA4	17	5000	2100
0.03	1.0	230	0.96	1366	BG20G06-../D04LA4	17	5000	2100
0.03	0.85	220*	1.0	1672	BG20G06-../D04LA4	17	5000	2100
0.03	0.75	220*	1.0	1824	BG20G06-../D04LA4	17	5000	2100
0.03	0.65	220*	1.0	2114	BG20G06-../D04LA4	17	5000	2100
0.03	0.6	220*	1.0	2422	BG20G06-../D04LA4	17	5000	2100
0.03	0.55	220*	1.0	2642	BG20G06-../D04LA4	17	5000	2100
0.03	0.45	220*	1.0	3031	BG20G06-../D04LA4	17	5000	2100
0.03	0.41	220*	1.0	3306	BG20G06-../D04LA4	17	5000	2100
0.03	0.34	220*	1.0	4017	BG20G06-../D04LA4	17	5000	2100
0.03	0.31	220*	1.0	4383	BG20G06-../D04LA4	17	5000	2100
0.03	2.0	101	3.2	690.6	BG30G06-../D04LA4	21	6000	-
0.03	1.8	116	2.8	760.7	BG30G06-../D04LA4	21	6000	-
0.03	1.7	124	2.6	829.5	BG30G06-../D04LA4	21	6000	-
0.03	1.4	158	2.1	996.8	BG30G06-../D04LA4	21	6000	-
0.03	1.3	173	1.9	1088	BG30G06-../D04LA4	21	6000	-
0.03	1.1	205	1.6	1280	BG30G06-../D04LA4	21	6000	-
0.03	1.0	230	1.4	1404	BG30G06-../D04LA4	21	6000	-
0.03	0.8	295	1.1	1718	BG30G06-../D04LA4	21	6000	-
0.03	0.75	320	1.0	1875	BG30G06-../D04LA4	21	6000	-
0.03	0.65	325*	1.0	2173	BG30G06-../D04LA4	21	6000	-
0.03	0.5	325*	1.0	2715	BG30G06-../D04LA4	21	6000	-
0.03	0.44	325*	1.0	3115	BG30G06-../D04LA4	21	6000	-
0.03	0.4	325*	1.0	3398	BG30G06-../D04LA4	21	6000	-
0.03	0.35	325*	1.0	3867	BG30G06-../D04LA4	21	6000	-
0.03	0.3	325*	1.0	4504	BG30G06-../D04LA4	21	6000	-

0.04 kW



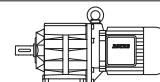
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.04	540	0.7	5.7	2.51	BG04-../D04LA4	4.4	340	-
0.04	370	1.03	4.9	3.65	BG04-../D04LA4	4.4	390	-
0.04	310	1.23	5.7	4.39	BG04-../D04LA4	4.4	380	-
0.04	255	1.49	6.0	5.36	BG04-../D04LA4	4.4	380	-
0.04	220	1.73	6.4	6.18	BG04-../D04LA4	4.4	415	-
0.04	205	1.86	5.4	6.67	BG04-../D04LA4	4.4	410	-
0.04	199	1.91	5.8	6.80	BG04-../D04LA4	4.4	420	-
0.04	158	2.4	4.6	8.58	BG04-../D04LA4	4.4	410	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.04 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.04	150	2.5	4.8	9.00	BG04-../D04LA4	4.4	470	-
0.04	137	2.75	4.7	9.90	BG04-../D04LA4	4.4	480	-
0.04	125	3.05	4.6	10.82	BG04-../D04LA4	4.4	480	-
0.04	114	3.35	4.5	11.90	BG04-../D04LA4	4.4	490	-
0.04	108	3.5	4.3	12.55	BG04-../D04LA4	4.4	490	-
0.04	103	3.7	4.3	13.20	BG04-../D04LA4	4.4	500	-
0.04	93	4.1	4.1	14.52	BG04-../D04LA4	4.4	510	-
0.04	83	4.6	3.9	16.44	BG04-../D04LA4	4.4	530	-
0.04	75	5.0	3.6	18.08	BG04-../D04LA4	4.4	540	-
0.04	64	5.9	3.2	21.12	BG04-../D04LA4	4.4	560	-
0.04	59	6.4	3.1	23.23	BG04-../D04LA4	4.4	600	-
0.04	56	6.8	2.9	24.45	BG04-../D04LA4	4.4	610	-
0.04	51	7.4	2.7	26.89	BG04-../D04LA4	4.4	650	-
0.04	44	8.6	2.3	30.91	BG04-../D04LA4	4.4	690	-
0.04	40	9.5	2.1	34.00	BG04-../D04LA4	4.4	720	-
0.04	38.5	9.9	2.0	35.35	BG04-../D04LA4	4.4	730	-
0.04	35	10.9	1.85	38.89	BG04-../D04LA4	4.4	750	-
0.04	32	11.9	1.7	42.24	BG04-../D04LA4	4.4	750	-
0.04	29.5	12.9	1.55	46.47	BG04-../D04LA4	4.4	750	-
0.04	28.5	13.4	1.5	47.52	BG04-../D04LA4	4.4	750	-
0.04	26	14.6	1.35	52.28	BG04-../D04LA4	4.4	750	-
0.04	25	15.2	1.3	54.97	BG04-../D04LA4	4.4	750	-
0.04	22.5	16.9	1.2	60.47	BG04-../D04LA4	4.4	750	-
0.04	39	9.7	3.1	35.00	BG05-../D04LA4	5.1	810	-
0.04	35.5	10.7	2.8	38.18	BG05-../D04LA4	5.1	850	-
0.04	34	11.2	2.7	39.94	BG05-../D04LA4	5.1	860	-
0.04	31	12.3	2.4	43.57	BG05-../D04LA4	5.1	900	-
0.04	29	13.1	2.3	47.00	BG05-../D04LA4	5.1	930	-
0.04	26.5	14.4	2.1	51.27	BG05-../D04LA4	5.1	970	-
0.04	25.5	14.9	2.0	53.44	BG05-../D04LA4	5.1	980	-
0.04	23.5	16.2	1.85	58.30	BG05-../D04LA4	5.1	1000	-
0.04	18	19.1	2.1	75.99	BG06G04-../D04LA4	8.4	1070	-
0.04	16.5	20.5	2.1	82.89	BG06G04-../D04LA4	8.4	1070	-
0.04	15	22.5	2.0	93.00	BG06G04-../D04LA4	8.4	1070	-
0.04	13.5	25.5	1.75	101.5	BG06G04-../D04LA4	8.4	1070	-
0.04	11.5	29	1.55	122.0	BG06G04-../D04LA4	8.4	1070	-
0.04	9.1	36.5	1.25	149.0	BG06G04-../D04LA4	8.4	1070	-
0.04	7.3	46.5	0.97	185.4	BG06G04-../D04LA4	8.4	1070	-
0.04	27	14.1	3.2	50.38	BG06-../D04LA4	6.1	940	-
0.04	26	14.6	3.1	52.56	BG06-../D04LA4	6.1	950	-
0.04	24	15.9	2.8	57.34	BG06-../D04LA4	6.1	1000	-
0.04	22.5	16.9	2.7	61.22	BG06-../D04LA4	6.1	1020	-
0.04	20.5	18.6	2.4	66.79	BG06-../D04LA4	6.1	1070	-
0.04	10.5	36	3.3	131.8	BG10Z-../D04LA4	11	2000	2800
0.04	9.3	41	2.9	146.0	BG10Z-../D04LA4	11	2000	2800
0.04	8.2	46.5	2.6	166.0	BG10Z-../D04LA4	11	2000	2800
0.04	7.4	51	2.4	184.0	BG10Z-../D04LA4	11	2000	2800
0.04	7.0	54	2.2	194.6	BG10Z-../D04LA4	11	2000	2800
0.04	6.3	60	2.0	215.7	BG10Z-../D04LA4	11	2000	2800
0.04	5.7	67	1.8	240.4	BG10Z-../D04LA4	11	2000	2800
0.04	5.1	74	1.6	266.3	BG10Z-../D04LA4	11	2000	2800
0.04	4.9	77	1.55	276.0	BG10Z-../D04LA4	11	2000	2800
0.04	4.5	84	1.45	305.8	BG10Z-../D04LA4	11	2000	2800
0.04	4.1	90	1.35	332.0	BG10Z-../D04LA4	11	2000	2800
0.04	3.6	100	1.25	379.6	BG10G06-../D04LA4	14	2000	2800
0.04	3.1	110	1.15	435.9	BG10G06-../D04LA4	14	2000	2800
0.04	2.7	130	1.05	512.6	BG10G06-../D04LA4	14	2000	2800
0.04	2.3	160	0.95	613.6	BG10G06-../D04LA4	14	2000	2800
0.04	1.9	200	0.84	748.9	BG10G06-../D04LA4	14	2000	2800
0.04	6.1	62	3.2	222.1	BG20Z-../D04LA4	13	5000	-
0.04	3.9	69	3.2	352.1	BG20G06-../D04LA4	17	5000	2100
0.04	3.5	77	2.9	391.1	BG20G06-../D04LA4	17	5000	2100
0.04	3.0	93	2.4	460.0	BG20G06-../D04LA4	17	5000	2100
0.04	2.5	116	1.9	550.6	BG20G06-../D04LA4	17	5000	2100
0.04	2.1	141	1.55	671.9	BG20G06-../D04LA4	17	5000	2100

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

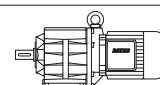
BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.04 kW								
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
0.04	1.7	181	1.2	807.1	BG20G06-../D04LA4	17	5000	2100
0.04	1.4	225	0.98	969.9	BG20G06-../D04LA4	17	5000	2100
0.04	1.2	265	0.83	1142	BG20G06-../D04LA4	17	5000	2100
0.04	2.4	121	2.7	565.8	BG30G06-../D04LA4	21	6000	-
0.04	2.0	149	2.2	690.6	BG30G06-../D04LA4	21	6000	-
0.04	1.8	169	1.9	760.7	BG30G06-../D04LA4	21	6000	-
0.04	1.7	180	1.8	829.5	BG30G06-../D04LA4	21	6000	-
0.04	1.4	225	1.45	996.8	BG30G06-../D04LA4	21	6000	-
0.04	1.3	245	1.35	1088	BG30G06-../D04LA4	21	6000	-
0.04	1.1	290	1.1	1280	BG30G06-../D04LA4	21	6000	-
0.04	1.0	325	1.0	1404	BG30G06-../D04LA4	21	6000	-



0.06 kW								
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
0.06	540	1.06	3.8	2.51	BG04-../D04LA4	4.4	340	-
0.06	370	1.54	3.2	3.65	BG04-../D04LA4	4.4	390	-
0.06	310	1.84	3.8	4.39	BG04-../D04LA4	4.4	380	-
0.06	255	2.2	4.1	5.36	BG04-../D04LA4	4.4	380	-
0.06	220	2.6	4.2	6.18	BG04-../D04LA4	4.4	415	-
0.06	205	2.75	3.6	6.67	BG04-../D04LA4	4.4	410	-
0.06	199	2.85	3.9	6.80	BG04-../D04LA4	4.4	420	-
0.06	158	3.6	3.1	8.58	BG04-../D04LA4	4.4	410	-
0.06	150	3.8	3.2	9.00	BG04-../D04LA4	4.4	470	-
0.06	137	4.15	3.1	9.90	BG04-../D04LA4	4.4	480	-
0.06	125	4.55	3.1	10.82	BG04-../D04LA4	4.4	480	-
0.06	114	5.0	3.0	11.90	BG04-../D04LA4	4.4	490	-
0.06	108	5.3	2.8	12.55	BG04-../D04LA4	4.4	490	-
0.06	103	5.5	2.9	13.20	BG04-../D04LA4	4.4	500	-
0.06	93	6.1	2.8	14.52	BG04-../D04LA4	4.4	510	-
0.06	83	6.9	2.6	16.44	BG04-../D04LA4	4.4	530	-
0.06	75	7.6	2.4	18.08	BG04-../D04LA4	4.4	540	-
0.06	64	8.9	2.1	21.12	BG04-../D04LA4	4.4	560	-
0.06	59	9.7	2.1	23.23	BG04-../D04LA4	4.4	600	-
0.06	56	10.2	1.95	24.45	BG04-../D04LA4	4.4	610	-
0.06	51	11.2	1.8	26.89	BG04-../D04LA4	4.4	650	-
0.06	44	13	1.55	30.91	BG04-../D04LA4	4.4	690	-
0.06	40	14.3	1.4	34.00	BG04-../D04LA4	4.4	720	-
0.06	38.5	14.8	1.35	35.35	BG04-../D04LA4	4.4	730	-
0.06	35	16.3	1.25	38.89	BG04-../D04LA4	4.4	750	-
0.06	32	17.9	1.1	42.24	BG04-../D04LA4	4.4	750	-
0.06	29.5	19.4	1.05	46.47	BG04-../D04LA4	4.4	750	-
0.06	28.5	20	1.0	47.52	BG04-../D04LA4	4.4	750	-
0.06	26	22	0.91	52.28	BG04-../D04LA4	4.4	750	-
0.06	25	22.5	0.89	54.97	BG04-../D04LA4	4.4	750	-
0.06	22.5	25	0.8	60.47	BG04-../D04LA4	4.4	750	-
0.06	72	7.9	3.3	18.82	BG05-../D04LA4	5.1	680	-
0.06	66	8.6	3.1	20.53	BG05-../D04LA4	5.1	700	-
0.06	57	10	2.8	24.00	BG05-../D04LA4	5.1	740	-
0.06	52	11	2.6	26.18	BG05-../D04LA4	5.1	760	-
0.06	49	11.6	2.6	27.82	BG05-../D04LA4	5.1	770	-
0.06	44.5	12.8	2.3	30.35	BG05-../D04LA4	5.1	760	-
0.06	39	14.6	2.1	35.00	BG05-../D04LA4	5.1	810	-
0.06	35.5	16.1	1.85	38.18	BG05-../D04LA4	5.1	850	-
0.06	34	16.8	1.8	39.94	BG05-../D04LA4	5.1	860	-
0.06	31	18.4	1.65	43.57	BG05-../D04LA4	5.1	900	-
0.06	29	19.7	1.5	47.00	BG05-../D04LA4	5.1	930	-
0.06	26.5	21.5	1.4	51.27	BG05-../D04LA4	5.1	970	-
0.06	25.5	22	1.35	53.44	BG05-../D04LA4	5.1	980	-
0.06	23.5	24	1.25	58.30	BG05-../D04LA4	5.1	1000	-
0.06	18	29.5	1.35	75.99	BG06G04-../D04LA4	8.4	1070	-
0.06	16.5	32	1.35	82.89	BG06G04-../D04LA4	8.4	1070	-

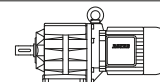


The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.06 kW





P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.06	15	35.5	1.25	93.00	BG06G04-../D04LA4	8.4	1070	-
0.06	13.5	39.5	1.15	101.5	BG06G04-../D04LA4	8.4	1070	-
0.06	11.5	45.5	0.99	122.0	BG06G04-../D04LA4	8.4	1070	-
0.06	42	13.6	3.3	32.22	BG06-../D04LA4	6.1	890	-
0.06	38.5	14.8	3.0	35.15	BG06-../D04LA4	6.1	880	-
0.06	37	15.4	2.9	36.91	BG06-../D04LA4	6.1	890	-
0.06	34	16.8	2.7	40.26	BG06-../D04LA4	6.1	890	-
0.06	29.5	19.4	2.3	46.19	BG06-../D04LA4	6.1	890	-
0.06	27	21	2.1	50.38	BG06-../D04LA4	6.1	940	-
0.06	26	22	2.0	52.56	BG06-../D04LA4	6.1	950	-
0.06	24	23.5	1.9	57.34	BG06-../D04LA4	6.1	1000	-
0.06	22.5	25	1.8	61.22	BG06-../D04LA4	6.1	1020	-
0.06	20.5	27.5	1.65	66.79	BG06-../D04LA4	6.1	1070	-
0.06	15	38	3.2	92.19	BG10Z-../D06LA4	14	2000	2800
0.06	13.5	42	2.9	102.1	BG10Z-../D06LA4	14	2000	2800
0.06	12.5	45.5	2.6	109.8	BG10Z-../D06LA4	14	2000	2800
0.06	11.5	49.5	2.4	121.7	BG10Z-../D06LA4	14	2000	2800
0.06	10.5	54	2.2	131.8	BG10Z-../D06LA4	14	2000	2800
0.06	9.3	61	1.95	146.0	BG10Z-../D06LA4	14	2000	2800
0.06	8.2	69	1.75	166.0	BG10Z-../D06LA4	14	2000	2800
0.06	7.4	77	1.55	184.0	BG10Z-../D06LA4	14	2000	2800
0.06	7.0	81	1.5	194.6	BG10Z-../D06LA4	14	2000	2800
0.06	6.3	90	1.35	215.7	BG10Z-../D06LA4	14	2000	2800
0.06	5.7	100	1.2	240.4	BG10Z-../D06LA4	14	2000	2800
0.06	5.1	112	1.05	266.3	BG10Z-../D06LA4	14	2000	2800
0.06	4.9	116	1.05	276.0	BG10Z-../D06LA4	14	2000	2800
0.06	4.5	127	0.94	305.8	BG10Z-../D06LA4	14	2000	2800
0.06	4.1	107	1.2	332.0	BG10G06-../D06LA4	18	2000	2800
0.06	3.6	128	1.0	379.6	BG10G06-../D06LA4	18	2000	2800
0.06	3.1	149	0.87	435.9	BG10G06-../D06LA4	18	2000	2800
0.06	8.4	68	2.9	162.2	BG20Z-../D06LA4	16	5000	-
0.06	7.5	76	2.6	180.1	BG20Z-../D06LA4	16	5000	-
0.06	6.8	84	2.4	199.9	BG20Z-../D06LA4	16	5000	-
0.06	6.1	93	2.2	222.1	BG20Z-../D06LA4	16	5000	-
0.06	5.5	77	2.9	248.0	BG20G06-../D06LA4	20	5000	2100
0.06	4.6	95	2.3	297.9	BG20G06-../D06LA4	20	5000	2100
0.06	3.9	118	1.85	352.1	BG20G06-../D06LA4	20	5000	2100
0.06	3.5	132	1.65	391.1	BG20G06-../D06LA4	20	5000	2100
0.06	3.0	156	1.4	460.0	BG20G06-../D06LA4	20	5000	2100
0.06	2.5	192	1.15	550.6	BG20G06-../D06LA4	20	5000	2100
0.06	2.1	230	0.96	671.9	BG20G06-../D06LA4	20	5000	2100
0.06	6.0	95	3.2	225.9	BG30Z-../D06LA4	22	6000	-
0.06	5.2	110	2.7	261.9	BG30Z-../D06LA4	22	6000	-
0.06	4.7	121	2.5	290.5	BG30Z-../D06LA4	22	6000	-
0.06	3.9	118	2.8	346.8	BG30G06-../D06LA4	25	6000	-
0.06	3.4	136	2.4	401.9	BG30G06-../D06LA4	25	6000	-
0.06	2.9	162	2.0	472.8	BG30G06-../D06LA4	25	6000	-
0.06	2.4	200	1.65	565.8	BG30G06-../D06LA4	25	6000	-
0.06	2.0	240	1.35	690.6	BG30G06-../D06LA4	25	6000	-
0.06	1.8	275	1.2	760.7	BG30G06-../D06LA4	25	6000	-
0.06	1.7	290	1.1	829.5	BG30G06-../D06LA4	25	6000	-
0.06	1.4	360	0.9	996.8	BG30G06-../D06LA4	25	6000	-
0.06	1.3	390	0.83	1088	BG30G06-../D06LA4	25	6000	-
0.06	2.2	147	3.2	640.0	BG40G10-../D06LA4	43	7000	-
0.06	1.9	176	2.6	710.9	BG40G10-../D06LA4	43	7000	-
0.06	1.8	179	2.6	789.1	BG40G10-../D06LA4	43	7000	-
0.06	1.4	255	1.8	965.2	BG40G10-../D06LA4	43	7000	-
0.06	1.2	315	1.5	1225	BG40G10-../D06LA4	43	7000	-
0.06	0.95	440	1.05	1459	BG40G10-../D06LA4	43	7000	-
0.06	1.5	230	3.0	960.2	BG50G10-../D06LA4	51	10000	-
0.06	1.2	315	2.2	1219	BG50G10-../D06LA4	51	10000	-
0.06	0.95	445	1.55	1452	BG50G10-../D06LA4	51	10000	-
0.06	0.8	550	1.25	1729	BG50G10-../D06LA4	51	10000	-
0.06	0.7	660	1.05	2076	BG50G10-../D06LA4	51	10000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

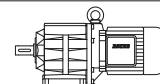
0.06 kW									
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}	
	n ₂	M ₂	f _B						
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]	
0.06	0.8	445	2.9	1741	BG60G20-../D06LA4	100	16000	-	
0.06	0.75	490	2.7	1880	BG60G20-../D06LA4	100	16000	-	
0.06	0.65	610	2.1	2249	BG60G20-../D06LA4	100	16000	-	
0.06	0.48	920	1.4	2818	BG60G20-../D06LA4	100	16000	-	
0.06	0.42	1090	1.2	3234	BG60G20-../D06LA4	100	16000	-	
0.06	0.38	1230	1.05	3592	BG60G20-../D06LA4	100	16000	-	
0.06	0.49	930	2.7	2774	BG70G20-../D06LA4	130	20000	-	
0.06	0.43	1090	2.3	3184	BG70G20-../D06LA4	130	20000	-	
0.06	0.35	1390	1.8	3925	BG70G20-../D06LA4	130	20000	-	

0.09 kW									
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}	
	n ₂	M ₂	f _B						
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]	
0.09	540	1.59	2.5	2.51	BG04-../D04LA4	4.4	340	-	
0.09	370	2.3	2.2	3.65	BG04-../D04LA4	4.4	390	-	
0.09	310	2.75	2.5	4.39	BG04-../D04LA4	4.4	380	-	
0.09	255	3.35	2.7	5.36	BG04-../D04LA4	4.4	380	-	
0.09	220	3.9	2.8	6.18	BG04-../D04LA4	4.4	415	-	
0.09	205	4.15	2.4	6.67	BG04-../D04LA4	4.4	410	-	
0.09	199	4.3	2.6	6.80	BG04-../D04LA4	4.4	420	-	
0.09	158	5.4	2.0	8.58	BG04-../D04LA4	4.4	410	-	
0.09	150	5.7	2.1	9.00	BG04-../D04LA4	4.4	470	-	
0.09	137	6.2	2.1	9.90	BG04-../D04LA4	4.4	480	-	
0.09	125	6.8	2.1	10.82	BG04-../D04LA4	4.4	480	-	
0.09	114	7.5	2.0	11.90	BG04-../D04LA4	4.4	490	-	
0.09	108	7.9	1.9	12.55	BG04-../D04LA4	4.4	490	-	
0.09	103	8.3	1.95	13.20	BG04-../D04LA4	4.4	500	-	
0.09	93	9.2	1.85	14.52	BG04-../D04LA4	4.4	510	-	
0.09	83	10.3	1.75	16.44	BG04-../D04LA4	4.4	530	-	
0.09	75	11.4	1.6	18.08	BG04-../D04LA4	4.4	540	-	
0.09	64	13.4	1.4	21.12	BG04-../D04LA4	4.4	560	-	
0.09	59	14.5	1.4	23.23	BG04-../D04LA4	4.4	600	-	
0.09	56	15.3	1.3	24.45	BG04-../D04LA4	4.4	610	-	
0.09	51	16.8	1.2	26.89	BG04-../D04LA4	4.4	650	-	
0.09	44	19.5	1.05	30.91	BG04-../D04LA4	4.4	690	-	
0.09	40	21	0.95	34.00	BG04-../D04LA4	4.4	720	-	
0.09	38.5	22	0.91	35.35	BG04-../D04LA4	4.4	730	-	
0.09	35	24.5	0.82	38.89	BG04-../D04LA4	4.4	750	-	
0.09	128	6.7	3.0	10.59	BG05-../D04LA4	5.1	590	-	
0.09	117	7.3	2.9	11.55	BG05-../D04LA4	5.1	600	-	
0.09	113	7.6	2.8	12.05	BG05-../D04LA4	5.1	510	-	
0.09	108	7.9	2.8	12.60	BG05-../D04LA4	5.1	610	-	
0.09	99	8.6	2.7	13.75	BG05-../D04LA4	5.1	630	-	
0.09	89	9.6	2.5	15.23	BG05-../D04LA4	5.1	640	-	
0.09	82	10.4	2.4	16.62	BG05-../D04LA4	5.1	660	-	
0.09	72	11.9	2.2	18.82	BG05-../D04LA4	5.1	680	-	
0.09	66	13	2.1	20.53	BG05-../D04LA4	5.1	700	-	
0.09	57	15	1.85	24.00	BG05-../D04LA4	5.1	740	-	
0.09	52	16.5	1.75	26.18	BG05-../D04LA4	5.1	760	-	
0.09	49	17.5	1.7	27.82	BG05-../D04LA4	5.1	770	-	
0.09	44.5	19.3	1.55	30.35	BG05-../D04LA4	5.1	760	-	
0.09	39	22	1.35	35.00	BG05-../D04LA4	5.1	810	-	
0.09	35.5	24	1.25	38.18	BG05-../D04LA4	5.1	850	-	
0.09	34	25	1.2	39.94	BG05-../D04LA4	5.1	860	-	
0.09	31	27.5	1.1	43.57	BG05-../D04LA4	5.1	900	-	
0.09	29	29.5	1.0	47.00	BG05-../D04LA4	5.1	930	-	
0.09	26.5	32	0.94	51.27	BG05-../D04LA4	5.1	970	-	
0.09	25.5	33.5	0.9	53.44	BG05-../D04LA4	5.1	980	-	
0.09	23.5	36.5	0.82	58.30	BG05-../D04LA4	5.1	1000	-	
0.09	18	45.5	0.88	75.99	BG06G04-../D04LA4	8.4	1070	-	
0.09	16.5	49.5	0.87	82.89	BG06G04-../D04LA4	8.4	1070	-	
0.09	15	54	0.83	93.00	BG06G04-../D04LA4	8.4	1070	-	

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1



0.09 kW

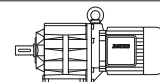
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.09	65	13.2	3.0	20.82	BG06-../D04LA4	6.1	800	-
0.09	60	14.3	3.0	22.71	BG06-../D04LA4	6.1	810	-
0.09	53	16.2	2.8	25.48	BG06-../D04LA4	6.1	850	-
0.09	49	17.5	2.6	27.80	BG06-../D04LA4	6.1	840	-
0.09	42	20	2.3	32.22	BG06-../D04LA4	6.1	890	-
0.09	38.5	22	2.0	35.15	BG06-../D04LA4	6.1	880	-
0.09	37	23	1.95	36.91	BG06-../D04LA4	6.1	890	-
0.09	34	25	1.8	40.26	BG06-../D04LA4	6.1	890	-
0.09	29.5	29	1.55	46.19	BG06-../D04LA4	6.1	890	-
0.09	27	31.5	1.45	50.38	BG06-../D04LA4	6.1	940	-
0.09	26	33	1.35	52.56	BG06-../D04LA4	6.1	950	-
0.09	24	35.5	1.25	57.34	BG06-../D04LA4	6.1	1000	-
0.09	22.5	38	1.2	61.22	BG06-../D04LA4	6.1	1020	-
0.09	20.5	41.5	1.1	66.79	BG06-../D04LA4	6.1	1070	-
0.09	23.5	36.5	3.3	57.48	BG10-../D06LA4	13	2000	2800
0.09	21.5	39.5	3.0	63.69	BG10-../D06LA4	13	2000	2800
0.09	20.5	41.5	2.9	66.00	BG10-../D06LA4	13	2000	2800
0.09	18.5	46	2.6	73.13	BG10-../D06LA4	13	2000	2800
0.09	17.5	49	2.4	77.40	BG10Z-../D06LA4	14	2000	2800
0.09	16	53	2.3	85.76	BG10Z-../D06LA4	14	2000	2800
0.09	15	57	2.1	92.19	BG10Z-../D06LA4	14	2000	2800
0.09	13.5	63	1.9	102.1	BG10Z-../D06LA4	14	2000	2800
0.09	12.5	68	1.75	109.8	BG10Z-../D06LA4	14	2000	2800
0.09	11.5	74	1.6	121.7	BG10Z-../D06LA4	14	2000	2800
0.09	10.5	81	1.5	131.8	BG10Z-../D06LA4	14	2000	2800
0.09	9.3	92	1.3	146.0	BG10Z-../D06LA4	14	2000	2800
0.09	8.2	104	1.15	166.0	BG10Z-../D06LA4	14	2000	2800
0.09	7.4	116	1.05	184.0	BG10Z-../D06LA4	14	2000	2800
0.09	7.0	122	0.98	194.6	BG10Z-../D06LA4	14	2000	2800
0.09	6.3	136	0.88	215.7	BG10Z-../D06LA4	14	2000	2800
0.09	5.7	150	0.8	240.4	BG10Z-../D06LA4	14	2000	2800
0.09	4.9	146	0.89	276.4	BG10G06-../D06LA4	18	2000	2800
0.09	13	66	3.0	104.7	BG20Z-../D06LA4	16	5000	-
0.09	12	71	2.8	112.8	BG20Z-../D06LA4	16	5000	-
0.09	11	78	2.6	125.3	BG20Z-../D06LA4	16	5000	-
0.09	9.6	89	2.2	141.3	BG20Z-../D06LA4	16	5000	-
0.09	8.4	102	1.95	162.2	BG20Z-../D06LA4	16	5000	-
0.09	7.5	114	1.75	180.1	BG20Z-../D06LA4	16	5000	-
0.09	6.8	126	1.6	199.9	BG20Z-../D06LA4	16	5000	-
0.09	6.1	140	1.45	222.1	BG20Z-../D06LA4	16	5000	-
0.09	5.5	130	1.7	248.0	BG20G06-../D06LA4	20	5000	2100
0.09	4.6	157	1.4	297.9	BG20G06-../D06LA4	20	5000	2100
0.09	3.9	192	1.15	352.1	BG20G06-../D06LA4	20	5000	2100
0.09	3.5	210	1.05	391.1	BG20G06-../D06LA4	20	5000	2100
0.09	3.0	250	0.88	460.0	BG20G06-../D06LA4	20	5000	2100
0.09	9.5	90	3.3	142.5	BG30Z-../D06LA4	22	6000	-
0.09	9.0	95	3.2	151.5	BG30Z-../D06LA4	22	6000	-
0.09	8.1	106	2.8	168.1	BG30Z-../D06LA4	22	6000	-
0.09	7.4	116	2.6	182.9	BG30Z-../D06LA4	22	6000	-
0.09	6.7	128	2.3	202.9	BG30Z-../D06LA4	22	6000	-
0.09	6.0	143	2.1	225.9	BG30Z-../D06LA4	22	6000	-
0.09	5.2	165	1.8	261.9	BG30Z-../D06LA4	22	6000	-
0.09	4.7	182	1.65	290.5	BG30Z-../D06LA4	22	6000	-
0.09	4.5	161	2.0	306.2	BG30G06-../D06LA4	25	6000	-
0.09	3.9	192	1.7	346.8	BG30G06-../D06LA4	25	6000	-
0.09	3.4	220	1.5	401.9	BG30G06-../D06LA4	25	6000	-
0.09	2.9	260	1.25	472.8	BG30G06-../D06LA4	25	6000	-
0.09	2.4	320	1.0	565.8	BG30G06-../D06LA4	25	6000	-
0.09	2.0	385	0.84	690.6	BG30G06-../D06LA4	25	6000	-
0.09	6.1	140	3.0	221.9	BG40Z-../D06LA4	38	7000	-
0.09	5.5	156	2.7	246.5	BG40Z-../D06LA4	38	7000	-
0.09	5.0	171	2.5	273.6	BG40Z-../D06LA4	38	7000	-
0.09	3.1	170	2.7	448.8	BG40G10-../D06LA4	43	7000	-
0.09	2.6	210	2.2	534.2	BG40G10-../D06LA4	43	7000	-
0.09	2.2	275	1.7	640.0	BG40G10-../D06LA4	43	7000	-
0.09	1.9	325	1.45	710.9	BG40G10-../D06LA4	43	7000	-

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

BG-series helical-geared motors

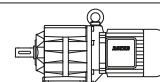
Selection helical-geared motors DSE - IE1

0.09 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.09	1.8	335	1.4	789.1	BG40G10-../D06LA4	43	7000	-
0.09	1.4	460	1.0	965.2	BG40G10-../D06LA4	43	7000	-
0.09	1.2	550	0.85	1225	BG40G10-../D06LA4	43	7000	-
0.09	2.6	210	3.3	531.5	BG50G10-../D06LA4	51	10000	-
0.09	2.2	280	2.5	621.3	BG50G10-../D06LA4	51	10000	-
0.09	2.0	300	2.3	708.3	BG50G10-../D06LA4	51	10000	-
0.09	1.8	335	2.1	785.1	BG50G10-../D06LA4	51	10000	-
0.09	1.5	420	1.65	960.2	BG50G10-../D06LA4	51	10000	-
0.09	1.2	550	1.25	1219	BG50G10-../D06LA4	51	10000	-
0.09	1.3	420	3.1	1051	BG60G20-../D06LA4	100	16000	-
0.09	1.2	465	2.8	1168	BG60G20-../D06LA4	100	16000	-
0.09	1.1	510	2.5	1346	BG60G20-../D06LA4	100	16000	-
0.09	0.95	630	2.1	1496	BG60G20-../D06LA4	100	16000	-
0.09	0.8	800	1.65	1741	BG60G20-../D06LA4	100	16000	-
0.09	0.75	870	1.5	1880	BG60G20-../D06LA4	100	16000	-
0.09	0.65	1050	1.25	2249	BG60G20-../D06LA4	100	16000	-
0.09	0.85	770	3.2	1666	BG70G20-../D06LA4	130	20000	-
0.09	0.7	980	2.6	1994	BG70G20-../D06LA4	130	20000	-
0.09	0.65	1080	2.3	2215	BG70G20-../D06LA4	130	20000	-
0.09	0.49	1510	1.65	2774	BG70G20-../D06LA4	130	20000	-
0.09	0.43	1750	1.45	3184	BG70G20-../D06LA4	130	20000	-
0.09	0.35	2200	1.15	3925	BG70G20-../D06LA4	130	20000	-

0.11 kW

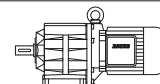


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.11	540	1.94	2.1	2.51	BG04-../D04LA4	4.4	340	-
0.11	370	2.8	1.8	3.65	BG04-../D04LA4	4.4	390	-
0.11	310	3.35	2.1	4.39	BG04-../D04LA4	4.4	380	-
0.11	255	4.1	2.2	5.36	BG04-../D04LA4	4.4	380	-
0.11	220	4.75	2.3	6.18	BG04-../D04LA4	4.4	415	-
0.11	205	5.1	1.95	6.67	BG04-../D04LA4	4.4	410	-
0.11	199	5.2	2.1	6.80	BG04-../D04LA4	4.4	420	-
0.11	158	6.6	1.65	8.58	BG04-../D04LA4	4.4	410	-
0.11	150	7.0	1.7	9.00	BG04-../D04LA4	4.4	470	-
0.11	137	7.6	1.7	9.90	BG04-../D04LA4	4.4	480	-
0.11	125	8.4	1.65	10.82	BG04-../D04LA4	4.4	480	-
0.11	114	9.2	1.65	11.90	BG04-../D04LA4	4.4	490	-
0.11	108	9.7	1.55	12.55	BG04-../D04LA4	4.4	490	-
0.11	103	10.1	1.6	13.20	BG04-../D04LA4	4.4	500	-
0.11	93	11.2	1.5	14.52	BG04-../D04LA4	4.4	510	-
0.11	83	12.6	1.45	16.44	BG04-../D04LA4	4.4	530	-
0.11	75	14	1.3	18.08	BG04-../D04LA4	4.4	540	-
0.11	64	16.4	1.15	21.12	BG04-../D04LA4	4.4	560	-
0.11	59	17.8	1.1	23.23	BG04-../D04LA4	4.4	600	-
0.11	56	18.7	1.05	24.45	BG04-../D04LA4	4.4	610	-
0.11	51	20.5	0.98	26.89	BG04-../D04LA4	4.4	650	-
0.11	44	23.5	0.85	30.91	BG04-../D04LA4	4.4	690	-
0.11	250	4.2	3.3	5.46	BG05-../D04LA4	5.1	490	-
0.11	205	5.1	3.3	6.64	BG05-../D04LA4	5.1	500	-
0.11	174	6.0	3.0	7.80	BG05-../D04LA4	5.1	530	-
0.11	166	6.3	2.9	8.15	BG05-../D04LA4	5.1	510	-
0.11	159	6.6	2.9	8.51	BG05-../D04LA4	5.1	550	-
0.11	128	8.2	2.4	10.59	BG05-../D04LA4	5.1	590	-
0.11	117	8.9	2.4	11.55	BG05-../D04LA4	5.1	600	-
0.11	113	9.2	2.3	12.05	BG05-../D04LA4	5.1	510	-
0.11	108	9.7	2.3	12.60	BG05-../D04LA4	5.1	610	-
0.11	99	10.6	2.2	13.75	BG05-../D04LA4	5.1	630	-
0.11	89	11.8	2.0	15.23	BG05-../D04LA4	5.1	640	-
0.11	82	12.8	1.95	16.62	BG05-../D04LA4	5.1	660	-
0.11	72	14.5	1.8	18.82	BG05-../D04LA4	5.1	680	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1



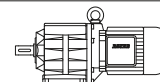
0.11 kW

P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.11	66	15.9	1.7	20.53	BG05-../D04LA4	5.1	700	-
0.11	57	18.4	1.5	24.00	BG05-../D04LA4	5.1	740	-
0.11	52	20	1.45	26.18	BG05-../D04LA4	5.1	760	-
0.11	49	21	1.45	27.82	BG05-../D04LA4	5.1	770	-
0.11	44.5	23.5	1.3	30.35	BG05-../D04LA4	5.1	760	-
0.11	39	26.5	1.15	35.00	BG05-../D04LA4	5.1	810	-
0.11	35.5	29.5	1.0	38.18	BG05-../D04LA4	5.1	850	-
0.11	34	30.5	0.98	39.94	BG05-../D04LA4	5.1	860	-
0.11	31	33.5	0.9	43.57	BG05-../D04LA4	5.1	900	-
0.11	29	36	0.83	47.00	BG05-../D04LA4	5.1	930	-
0.11	18	40*	1.0	75.99	BG06G04-../D04LA4	8.4	1070	-
0.11	16.5	43*	1.0	82.89	BG06G04-../D04LA4	8.4	1070	-
0.11	15	45*	1.0	93.00	BG06G04-../D04LA4	8.4	1070	-
0.11	13.5	45*	1.0	101.5	BG06G04-../D04LA4	8.4	1070	-
0.11	11.5	45*	1.0	122.0	BG06G04-../D04LA4	8.4	1070	-
0.11	9.1	45*	1.0	149.0	BG06G04-../D04LA4	8.4	1070	-
0.11	7.3	45*	1.0	185.4	BG06G04-../D04LA4	8.4	1070	-
0.11	5.4	45*	1.0	250.2	BG06G04-../D04LA4	8.4	1070	-
0.11	5.0	45*	1.0	275.2	BG06G04-../D04LA4	8.4	1070	-
0.11	4.1	45*	1.0	330.8	BG06G04-../D04LA4	8.4	1070	-
0.11	3.7	45*	1.0	367.0	BG06G04-../D04LA4	8.4	1070	-
0.11	3.0	45*	1.0	457.0	BG06G04-../D04LA4	8.4	1070	-
0.11	2.7	45*	1.0	502.6	BG06G04-../D04LA4	8.4	1070	-
0.11	2.3	45*	1.0	587.1	BG06G04-../D04LA4	8.4	1070	-
0.11	2.1	45*	1.0	645.8	BG06G04-../D04LA4	8.4	1070	-
0.11	1.9	45*	1.0	747.5	BG06G04-../D04LA4	8.4	1070	-
0.11	1.6	45*	1.0	859.3	BG06G04-../D04LA4	8.4	1070	-
0.11	1.5	45*	1.0	945.2	BG06G04-../D04LA4	8.4	1070	-
0.11	1.3	45*	1.0	1081	BG06G04-../D04LA4	8.4	1070	-
0.11	1.2	45*	1.0	1174	BG06G04-../D04LA4	8.4	1070	-
0.11	1.1	45*	1.0	1321	BG06G04-../D04LA4	8.4	1070	-
0.11	0.9	45*	1.0	1528	BG06G04-../D04LA4	8.4	1070	-
0.11	0.85	45*	1.0	1681	BG06G04-../D04LA4	8.4	1070	-
0.11	0.7	45*	1.0	1948	BG06G04-../D04LA4	8.4	1070	-
0.11	0.65	45*	1.0	2126	BG06G04-../D04LA4	8.4	1070	-
0.11	0.6	45*	1.0	2435	BG06G04-../D04LA4	8.4	1070	-
0.11	105	10	3.3	12.98	BG06-../D04LA4	6.1	600	-
0.11	92	11.4	3.0	14.78	BG06-../D04LA4	6.1	730	-
0.11	84	12.5	2.8	16.13	BG06-../D04LA4	6.1	740	-
0.11	78	13.4	2.8	17.40	BG06-../D04LA4	6.1	760	-
0.11	72	14.5	2.8	18.98	BG06-../D04LA4	6.1	770	-
0.11	65	16.1	2.5	20.82	BG06-../D04LA4	6.1	800	-
0.11	60	17.5	2.5	22.71	BG06-../D04LA4	6.1	810	-
0.11	53	19.8	2.3	25.48	BG06-../D04LA4	6.1	850	-
0.11	49	21	2.1	27.80	BG06-../D04LA4	6.1	840	-
0.11	42	25	1.8	32.22	BG06-../D04LA4	6.1	890	-
0.11	38.5	27	1.65	35.15	BG06-../D04LA4	6.1	880	-
0.11	37	28	1.6	36.91	BG06-../D04LA4	6.1	890	-
0.11	34	30.5	1.5	40.26	BG06-../D04LA4	6.1	890	-
0.11	29.5	35.5	1.25	46.19	BG06-../D04LA4	6.1	890	-
0.11	27	38.5	1.15	50.38	BG06-../D04LA4	6.1	940	-
0.11	26	40	1.15	52.56	BG06-../D04LA4	6.1	950	-
0.11	24	43.5	1.05	57.34	BG06-../D04LA4	6.1	1000	-
0.11	22.5	46.5	0.97	61.22	BG06-../D04LA4	6.1	1020	-
0.11	20.5	51	0.88	66.79	BG06-../D04LA4	6.1	1070	-
0.11	20	52	2.0	67.54	BG10Z-../D04LA4	11	2000	2800
0.11	17.5	60	2.0	77.40	BG10Z-../D04LA4	11	2000	2800
0.11	16	65	1.85	85.76	BG10Z-../D04LA4	11	2000	2800
0.11	15	70	1.7	92.19	BG10Z-../D04LA4	11	2000	2800
0.11	13.5	77	1.55	102.1	BG10Z-../D04LA4	11	2000	2800
0.11	12.5	84	1.45	109.8	BG10Z-../D04LA4	11	2000	2800
0.11	11.5	91	1.3	121.7	BG10Z-../D04LA4	11	2000	2800
0.11	10.5	100	1.2	131.8	BG10Z-../D04LA4	11	2000	2800
0.11	9.3	112	1.05	146.0	BG10Z-../D04LA4	11	2000	2800
0.11	8.2	128	0.94	166.0	BG10Z-../D04LA4	11	2000	2800
0.11	7.4	141	0.85	184.0	BG10Z-../D04LA4	11	2000	2800
0.11	7.0	150	0.8	194.6	BG10Z-../D04LA4	11	2000	2800

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1



0.11 kW

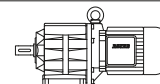
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.11	5.7	158	0.82	240.7	BG10G06-../D04LA4	14	2000	2800
0.11	4.9	130*	1.0	276.4	BG10G06-../D04LA4	14	2000	2800
0.11	4.1	130*	1.0	332.0	BG10G06-../D04LA4	14	2000	2800
0.11	3.6	130*	1.0	379.6	BG10G06-../D04LA4	14	2000	2800
0.11	3.1	130*	1.0	435.9	BG10G06-../D04LA4	14	2000	2800
0.11	2.7	130*	1.0	512.6	BG10G06-../D04LA4	14	2000	2800
0.11	2.3	130*	1.0	613.6	BG10G06-../D04LA4	14	2000	2800
0.11	1.9	130*	1.0	748.9	BG10G06-../D04LA4	14	2000	2800
0.11	1.6	130*	1.0	899.5	BG10G06-../D04LA4	14	2000	2800
0.11	1.3	130*	1.0	1081	BG10G06-../D04LA4	14	2000	2800
0.11	1.1	130*	1.0	1272	BG10G06-../D04LA4	14	2000	2800
0.11	0.9	130*	1.0	1523	BG10G06-../D04LA4	14	2000	2800
0.11	0.75	130*	1.0	1863	BG10G06-../D04LA4	14	2000	2800
0.11	0.6	130*	1.0	2356	BG10G06-../D04LA4	14	2000	2800
0.11	0.55	130*	1.0	2699	BG10G06-../D04LA4	14	2000	2800
0.11	0.46	130*	1.0	2944	BG10G06-../D04LA4	14	2000	2800
0.11	0.4	130*	1.0	3378	BG10G06-../D04LA4	14	2000	2800
0.11	0.37	130*	1.0	3684	BG10G06-../D04LA4	14	2000	2800
0.11	0.31	130*	1.0	4477	BG10G06-../D04LA4	14	2000	2800
0.11	0.28	130*	1.0	4884	BG10G06-../D04LA4	14	2000	2800
0.11	17.5	60	3.3	78.60	BG20Z-../D04LA4	13	5000	-
0.11	15.5	67	3.0	87.30	BG20Z-../D04LA4	13	5000	-
0.11	14.5	72	2.8	94.27	BG20Z-../D04LA4	13	5000	-
0.11	13	80	2.5	104.7	BG20Z-../D04LA4	13	5000	-
0.11	12	87	2.3	112.8	BG20Z-../D04LA4	13	5000	-
0.11	11	95	2.1	125.3	BG20Z-../D04LA4	13	5000	-
0.11	9.6	109	1.85	141.3	BG20Z-../D04LA4	13	5000	-
0.11	8.4	125	1.6	162.2	BG20Z-../D04LA4	13	5000	-
0.11	7.5	140	1.45	180.1	BG20Z-../D04LA4	13	5000	-
0.11	6.8	154	1.3	199.9	BG20Z-../D04LA4	13	5000	-
0.11	6.1	172	1.15	222.1	BG20Z-../D04LA4	13	5000	-
0.11	5.5	164	1.35	248.0	BG20G06-../D04LA4	17	5000	2100
0.11	4.6	199	1.1	297.9	BG20G06-../D04LA4	17	5000	2100
0.11	3.9	240	0.92	352.1	BG20G06-../D04LA4	17	5000	2100
0.11	3.5	265	0.83	391.1	BG20G06-../D04LA4	17	5000	2100
0.11	3.0	220*	1.0	460.0	BG20G06-../D04LA4	17	5000	2100
0.11	2.5	220*	1.0	550.6	BG20G06-../D04LA4	17	5000	2100
0.11	2.1	220*	1.0	671.9	BG20G06-../D04LA4	17	5000	2100
0.11	1.7	220*	1.0	807.1	BG20G06-../D04LA4	17	5000	2100
0.11	1.4	220*	1.0	969.9	BG20G06-../D04LA4	17	5000	2100
0.11	1.2	220*	1.0	1142	BG20G06-../D04LA4	17	5000	2100
0.11	1.0	220*	1.0	1366	BG20G06-../D04LA4	17	5000	2100
0.11	0.85	220*	1.0	1672	BG20G06-../D04LA4	17	5000	2100
0.11	0.75	220*	1.0	1824	BG20G06-../D04LA4	17	5000	2100
0.11	0.65	220*	1.0	2114	BG20G06-../D04LA4	17	5000	2100
0.11	0.6	220*	1.0	2422	BG20G06-../D04LA4	17	5000	2100
0.11	0.55	220*	1.0	2642	BG20G06-../D04LA4	17	5000	2100
0.11	0.45	220*	1.0	3031	BG20G06-../D04LA4	17	5000	2100
0.11	0.41	220*	1.0	3306	BG20G06-../D04LA4	17	5000	2100
0.11	0.34	220*	1.0	4017	BG20G06-../D04LA4	17	5000	2100
0.11	0.31	220*	1.0	4383	BG20G06-../D04LA4	17	5000	2100
0.11	5.3	171	1.9	254.9	BG30G06-../D04LA4	21	6000	-
0.11	4.5	200	1.65	306.2	BG30G06-../D04LA4	21	6000	-
0.11	3.9	240	1.35	346.8	BG30G06-../D04LA4	21	6000	-
0.11	3.4	275	1.2	401.9	BG30G06-../D04LA4	21	6000	-
0.11	2.9	325	1.0	472.8	BG30G06-../D04LA4	21	6000	-
0.11	2.4	395	0.82	565.8	BG30G06-../D04LA4	21	6000	-
0.11	2.0	325*	1.0	690.6	BG30G06-../D04LA4	21	6000	-
0.11	1.8	325*	1.0	760.7	BG30G06-../D04LA4	21	6000	-
0.11	1.7	325*	1.0	829.5	BG30G06-../D04LA4	21	6000	-
0.11	1.4	325*	1.0	996.8	BG30G06-../D04LA4	21	6000	-
0.11	1.3	325*	1.0	1088	BG30G06-../D04LA4	21	6000	-
0.11	1.1	325*	1.0	1280	BG30G06-../D04LA4	21	6000	-
0.11	1.0	325*	1.0	1404	BG30G06-../D04LA4	21	6000	-
0.11	0.8	325*	1.0	1718	BG30G06-../D04LA4	21	6000	-
0.11	0.75	325*	1.0	1875	BG30G06-../D04LA4	21	6000	-
0.11	0.65	325*	1.0	2173	BG30G06-../D04LA4	21	6000	-
0.11	0.5	325*	1.0	2715	BG30G06-../D04LA4	21	6000	-

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

BG-series helical-geared motors

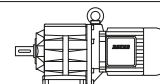
Selection helical-geared motors DSE - IE1

0.11 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.11	0.44	325*	1.0	3115	BG30G06-../D04LA4	21	6000	-
0.11	0.4	325*	1.0	3398	BG30G06-../D04LA4	21	6000	-
0.11	0.35	325*	1.0	3867	BG30G06-../D04LA4	21	6000	-
0.11	0.3	325*	1.0	4504	BG30G06-../D04LA4	21	6000	-

0.12 kW



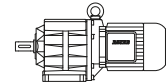
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.12	540	2.1	1.9	2.51	BG04-../DSE04LA4	4.4	340	-
0.12	370	3.05	1.65	3.65	BG04-../DSE04LA4	4.4	390	-
0.12	310	3.65	1.9	4.39	BG04-../DSE04LA4	4.4	380	-
0.12	255	4.45	2.0	5.36	BG04-../DSE04LA4	4.4	380	-
0.12	220	5.2	2.1	6.18	BG04-../DSE04LA4	4.4	415	-
0.12	205	5.5	1.8	6.67	BG04-../DSE04LA4	4.4	410	-
0.12	199	5.7	1.95	6.80	BG04-../DSE04LA4	4.4	420	-
0.12	158	7.2	1.55	8.58	BG04-../DSE04LA4	4.4	410	-
0.12	150	7.6	1.6	9.00	BG04-../DSE04LA4	4.4	470	-
0.12	137	8.3	1.55	9.90	BG04-../DSE04LA4	4.4	480	-
0.12	125	9.1	1.55	10.82	BG04-../DSE04LA4	4.4	480	-
0.12	114	10	1.5	11.90	BG04-../DSE04LA4	4.4	490	-
0.12	108	10.6	1.4	12.55	BG04-../DSE04LA4	4.4	490	-
0.12	103	11.1	1.45	13.20	BG04-../DSE04LA4	4.4	500	-
0.12	93	12.3	1.4	14.52	BG04-../DSE04LA4	4.4	510	-
0.12	83	13.8	1.3	16.44	BG04-../DSE04LA4	4.4	530	-
0.12	75	15.2	1.2	18.08	BG04-../DSE04LA4	4.4	540	-
0.12	64	17.9	1.05	21.12	BG04-../DSE04LA4	4.4	560	-
0.12	59	19.4	1.05	23.23	BG04-../DSE04LA4	4.4	600	-
0.12	56	20	1.0	24.45	BG04-../DSE04LA4	4.4	610	-
0.12	51	22	0.91	26.89	BG04-../DSE04LA4	4.4	650	-
0.12	295	3.85	3.1	4.59	BG05-../DSE04LA4	5.1	490	-
0.12	250	4.55	3.1	5.46	BG05-../DSE04LA4	5.1	490	-
0.12	205	5.5	3.1	6.64	BG05-../DSE04LA4	5.1	500	-
0.12	174	6.5	2.8	7.80	BG05-../DSE04LA4	5.1	530	-
0.12	166	6.9	2.6	8.15	BG05-../DSE04LA4	5.1	510	-
0.12	159	7.2	2.6	8.51	BG05-../DSE04LA4	5.1	550	-
0.12	128	8.9	2.2	10.59	BG05-../DSE04LA4	5.1	590	-
0.12	117	9.7	2.2	11.55	BG05-../DSE04LA4	5.1	600	-
0.12	113	10.1	2.1	12.05	BG05-../DSE04LA4	5.1	510	-
0.12	108	10.6	2.1	12.60	BG05-../DSE04LA4	5.1	610	-
0.12	99	11.5	2.0	13.75	BG05-../DSE04LA4	5.1	630	-
0.12	89	12.8	1.9	15.23	BG05-../DSE04LA4	5.1	640	-
0.12	82	13.9	1.8	16.62	BG05-../DSE04LA4	5.1	660	-
0.12	72	15.9	1.65	18.82	BG05-../DSE04LA4	5.1	680	-
0.12	66	17.3	1.55	20.53	BG05-../DSE04LA4	5.1	700	-
0.12	57	20	1.4	24.00	BG05-../DSE04LA4	5.1	740	-
0.12	52	22	1.3	26.18	BG05-../DSE04LA4	5.1	760	-
0.12	49	23	1.3	27.82	BG05-../DSE04LA4	5.1	770	-
0.12	44.5	25.5	1.2	30.35	BG05-../DSE04LA4	5.1	760	-
0.12	39	29	1.05	35.00	BG05-../DSE04LA4	5.1	810	-
0.12	35.5	32	0.94	38.18	BG05-../DSE04LA4	5.1	850	-
0.12	34	33.5	0.9	39.94	BG05-../DSE04LA4	5.1	860	-
0.12	31	36.5	0.82	43.57	BG05-../DSE04LA4	5.1	900	-
0.12	18	40*	1.0	75.99	BG06G04-../DSE04LA4	8.4	1070	-
0.12	16.5	43*	1.0	82.89	BG06G04-../DSE04LA4	8.4	1070	-
0.12	15	45*	1.0	93.00	BG06G04-../DSE04LA4	8.4	1070	-
0.12	13.5	45*	1.0	101.5	BG06G04-../DSE04LA4	8.4	1070	-
0.12	11.5	45*	1.0	122.0	BG06G04-../DSE04LA4	8.4	1070	-
0.12	9.1	45*	1.0	149.0	BG06G04-../DSE04LA4	8.4	1070	-
0.12	7.3	45*	1.0	185.4	BG06G04-../DSE04LA4	8.4	1070	-
0.12	5.4	45*	1.0	250.2	BG06G04-../DSE04LA4	8.4	1070	-
0.12	5.0	45*	1.0	275.2	BG06G04-../DSE04LA4	8.4	1070	-
0.12	4.1	45*	1.0	330.8	BG06G04-../DSE04LA4	8.4	1070	-
0.12	3.7	45*	1.0	367.0	BG06G04-../DSE04LA4	8.4	1070	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.12 kW



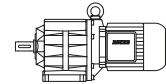
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
0.12	3.0	45*	1.0	457.0	BG06G04-../DSE04LA4	8.4	1070	-
0.12	2.7	45*	1.0	502.6	BG06G04-../DSE04LA4	8.4	1070	-
0.12	2.3	45*	1.0	587.1	BG06G04-../DSE04LA4	8.4	1070	-
0.12	2.1	45*	1.0	645.8	BG06G04-../DSE04LA4	8.4	1070	-
0.12	1.9	45*	1.0	747.5	BG06G04-../DSE04LA4	8.4	1070	-
0.12	1.6	45*	1.0	859.3	BG06G04-../DSE04LA4	8.4	1070	-
0.12	1.5	45*	1.0	945.2	BG06G04-../DSE04LA4	8.4	1070	-
0.12	1.3	45*	1.0	1081	BG06G04-../DSE04LA4	8.4	1070	-
0.12	1.2	45*	1.0	1174	BG06G04-../DSE04LA4	8.4	1070	-
0.12	1.1	45*	1.0	1321	BG06G04-../DSE04LA4	8.4	1070	-
0.12	0.9	45*	1.0	1528	BG06G04-../DSE04LA4	8.4	1070	-
0.12	0.85	45*	1.0	1681	BG06G04-../DSE04LA4	8.4	1070	-
0.12	0.7	45*	1.0	1948	BG06G04-../DSE04LA4	8.4	1070	-
0.12	0.65	45*	1.0	2126	BG06G04-../DSE04LA4	8.4	1070	-
0.12	0.6	45*	1.0	2435	BG06G04-../DSE04LA4	8.4	1070	-
0.12	110	10.4	3.2	12.30	BG06-../DSE04LA4	6.1	670	-
0.12	105	10.9	3.0	12.98	BG06-../DSE04LA4	6.1	600	-
0.12	92	12.4	2.7	14.78	BG06-../DSE04LA4	6.1	730	-
0.12	84	13.6	2.6	16.13	BG06-../DSE04LA4	6.1	740	-
0.12	78	14.6	2.6	17.40	BG06-../DSE04LA4	6.1	760	-
0.12	72	15.9	2.5	18.98	BG06-../DSE04LA4	6.1	770	-
0.12	65	17.6	2.3	20.82	BG06-../DSE04LA4	6.1	800	-
0.12	60	19.1	2.3	22.71	BG06-../DSE04LA4	6.1	810	-
0.12	53	21.5	2.1	25.48	BG06-../DSE04LA4	6.1	850	-
0.12	49	23	1.95	27.80	BG06-../DSE04LA4	6.1	840	-
0.12	42	27	1.65	32.22	BG06-../DSE04LA4	6.1	890	-
0.12	38.5	29.5	1.55	35.15	BG06-../DSE04LA4	6.1	880	-
0.12	37	30.5	1.5	36.91	BG06-../DSE04LA4	6.1	890	-
0.12	34	33.5	1.35	40.26	BG06-../DSE04LA4	6.1	890	-
0.12	29.5	38.5	1.15	46.19	BG06-../DSE04LA4	6.1	890	-
0.12	27	42	1.05	50.38	BG06-../DSE04LA4	6.1	940	-
0.12	26	44	1.0	52.56	BG06-../DSE04LA4	6.1	950	-
0.12	24	47.5	0.95	57.34	BG06-../DSE04LA4	6.1	1000	-
0.12	22.5	50	0.9	61.22	BG06-../DSE04LA4	6.1	1020	-
0.12	20.5	55	0.82	66.79	BG06-../DSE04LA4	6.1	1070	-
0.12	20	57	1.8	67.54	BG10Z-../DSE04LA4	11	2000	2800
0.12	17.5	65	1.85	77.40	BG10Z-../DSE04LA4	11	2000	2800
0.12	16	71	1.7	85.76	BG10Z-../DSE04LA4	11	2000	2800
0.12	15	76	1.6	92.19	BG10Z-../DSE04LA4	11	2000	2800
0.12	13.5	84	1.45	102.1	BG10Z-../DSE04LA4	11	2000	2800
0.12	12.5	91	1.3	109.8	BG10Z-../DSE04LA4	11	2000	2800
0.12	11.5	99	1.2	121.7	BG10Z-../DSE04LA4	11	2000	2800
0.12	10.5	109	1.1	131.8	BG10Z-../DSE04LA4	11	2000	2800
0.12	9.3	123	0.98	146.0	BG10Z-../DSE04LA4	11	2000	2800
0.12	8.2	139	0.86	166.0	BG10Z-../DSE04LA4	11	2000	2800
0.12	7.0	143	0.91	194.9	BG10G06-../DSE04LA4	14	2000	2800
0.12	5.7	130*	1.0	240.7	BG10G06-../DSE04LA4	14	2000	2800
0.12	4.9	130*	1.0	276.4	BG10G06-../DSE04LA4	14	2000	2800
0.12	4.1	130*	1.0	332.0	BG10G06-../DSE04LA4	14	2000	2800
0.12	3.6	130*	1.0	379.6	BG10G06-../DSE04LA4	14	2000	2800
0.12	3.1	130*	1.0	435.9	BG10G06-../DSE04LA4	14	2000	2800
0.12	2.7	130*	1.0	512.6	BG10G06-../DSE04LA4	14	2000	2800
0.12	2.3	130*	1.0	613.6	BG10G06-../DSE04LA4	14	2000	2800
0.12	1.9	130*	1.0	748.9	BG10G06-../DSE04LA4	14	2000	2800
0.12	1.6	130*	1.0	899.5	BG10G06-../DSE04LA4	14	2000	2800
0.12	1.3	130*	1.0	1081	BG10G06-../DSE04LA4	14	2000	2800
0.12	1.1	130*	1.0	1272	BG10G06-../DSE04LA4	14	2000	2800
0.12	0.9	130*	1.0	1523	BG10G06-../DSE04LA4	14	2000	2800
0.12	0.75	130*	1.0	1863	BG10G06-../DSE04LA4	14	2000	2800
0.12	0.6	130*	1.0	2356	BG10G06-../DSE04LA4	14	2000	2800
0.12	0.55	130*	1.0	2699	BG10G06-../DSE04LA4	14	2000	2800
0.12	0.46	130*	1.0	2944	BG10G06-../DSE04LA4	14	2000	2800
0.12	0.4	130*	1.0	3378	BG10G06-../DSE04LA4	14	2000	2800
0.12	0.37	130*	1.0	3684	BG10G06-../DSE04LA4	14	2000	2800
0.12	0.31	130*	1.0	4477	BG10G06-../DSE04LA4	14	2000	2800
0.12	0.28	130*	1.0	4884	BG10G06-../DSE04LA4	14	2000	2800
0.12	17.5	65	3.1	78.60	BG20Z-../DSE04LA4	13	5000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.12 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.12	15.5	73	2.7	87.30	BG20Z-../DSE04LA4	13	5000	-
0.12	14.5	79	2.5	94.27	BG20Z-../DSE04LA4	13	5000	-
0.12	13	88	2.3	104.7	BG20Z-../DSE04LA4	13	5000	-
0.12	12	95	2.1	112.8	BG20Z-../DSE04LA4	13	5000	-
0.12	11	104	1.9	125.3	BG20Z-../DSE04LA4	13	5000	-
0.12	9.6	119	1.7	141.3	BG20Z-../DSE04LA4	13	5000	-
0.12	8.4	136	1.45	162.2	BG20Z-../DSE04LA4	13	5000	-
0.12	7.5	152	1.3	180.1	BG20Z-../DSE04LA4	13	5000	-
0.12	6.8	168	1.2	199.9	BG20Z-../DSE04LA4	13	5000	-
0.12	6.1	187	1.05	222.1	BG20Z-../DSE04LA4	13	5000	-
0.12	5.5	182	1.2	248.0	BG20G06-../DSE04LA4	17	5000	2100
0.12	4.6	220	1.0	297.9	BG20G06-../DSE04LA4	17	5000	2100
0.12	3.9	265	0.83	352.1	BG20G06-../DSE04LA4	17	5000	2100
0.12	3.5	220*	1.0	391.1	BG20G06-../DSE04LA4	17	5000	2100
0.12	3.0	220*	1.0	460.0	BG20G06-../DSE04LA4	17	5000	2100
0.12	2.5	220*	1.0	550.6	BG20G06-../DSE04LA4	17	5000	2100
0.12	2.1	220*	1.0	671.9	BG20G06-../DSE04LA4	17	5000	2100
0.12	1.7	220*	1.0	807.1	BG20G06-../DSE04LA4	17	5000	2100
0.12	1.4	220*	1.0	969.9	BG20G06-../DSE04LA4	17	5000	2100
0.12	1.2	220*	1.0	1142	BG20G06-../DSE04LA4	17	5000	2100
0.12	1.0	220*	1.0	1366	BG20G06-../DSE04LA4	17	5000	2100
0.12	0.85	220*	1.0	1672	BG20G06-../DSE04LA4	17	5000	2100
0.12	0.75	220*	1.0	1824	BG20G06-../DSE04LA4	17	5000	2100
0.12	0.65	220*	1.0	2114	BG20G06-../DSE04LA4	17	5000	2100
0.12	0.6	220*	1.0	2422	BG20G06-../DSE04LA4	17	5000	2100
0.12	0.55	220*	1.0	2642	BG20G06-../DSE04LA4	17	5000	2100
0.12	0.45	220*	1.0	3031	BG20G06-../DSE04LA4	17	5000	2100
0.12	0.41	220*	1.0	3306	BG20G06-../DSE04LA4	17	5000	2100
0.12	0.34	220*	1.0	4017	BG20G06-../DSE04LA4	17	5000	2100
0.12	0.31	220*	1.0	4383	BG20G06-../DSE04LA4	17	5000	2100
0.12	5.3	189	1.7	254.9	BG30G06-../DSE04LA4	21	6000	-
0.12	4.5	220	1.5	306.2	BG30G06-../DSE04LA4	21	6000	-
0.12	3.9	265	1.25	346.8	BG30G06-../DSE04LA4	21	6000	-
0.12	3.4	300	1.1	401.9	BG30G06-../DSE04LA4	21	6000	-
0.12	2.9	360	0.9	472.8	BG30G06-../DSE04LA4	21	6000	-
0.12	2.4	325*	1.0	565.8	BG30G06-../DSE04LA4	21	6000	-
0.12	2.0	325*	1.0	690.6	BG30G06-../DSE04LA4	21	6000	-
0.12	1.8	325*	1.0	760.7	BG30G06-../DSE04LA4	21	6000	-
0.12	1.7	325*	1.0	829.5	BG30G06-../DSE04LA4	21	6000	-
0.12	1.4	325*	1.0	996.8	BG30G06-../DSE04LA4	21	6000	-
0.12	1.3	325*	1.0	1088	BG30G06-../DSE04LA4	21	6000	-
0.12	1.1	325*	1.0	1280	BG30G06-../DSE04LA4	21	6000	-
0.12	1.0	325*	1.0	1404	BG30G06-../DSE04LA4	21	6000	-
0.12	0.8	325*	1.0	1718	BG30G06-../DSE04LA4	21	6000	-
0.12	0.75	325*	1.0	1875	BG30G06-../DSE04LA4	21	6000	-
0.12	0.65	325*	1.0	2173	BG30G06-../DSE04LA4	21	6000	-
0.12	0.5	325*	1.0	2715	BG30G06-../DSE04LA4	21	6000	-
0.12	0.44	325*	1.0	3115	BG30G06-../DSE04LA4	21	6000	-
0.12	0.4	325*	1.0	3398	BG30G06-../DSE04LA4	21	6000	-
0.12	0.35	325*	1.0	3867	BG30G06-../DSE04LA4	21	6000	-
0.12	0.3	325*	1.0	4504	BG30G06-../DSE04LA4	21	6000	-

6

0.18 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.18	520	3.3	2.7	2.64	BG05-../DSE05LA4	7.0	420	-
0.18	400	4.25	2.4	3.38	BG05-../DSE05LA4	7.0	460	-
0.18	295	5.8	2.1	4.59	BG05-../DSE05LA4	7.0	490	-
0.18	250	6.8	2.1	5.46	BG05-../DSE05LA4	7.0	490	-
0.18	225	7.6	2.2	6.09	BG05-../DSE05LA4	7.0	480	-
0.18	205	8.3	2.0	6.64	BG05-../DSE05LA4	7.0	500	-
0.18	174	9.8	1.85	7.80	BG05-../DSE05LA4	7.0	530	-
0.18	166	10.3	1.75	8.15	BG05-../DSE05LA4	7.0	510	-
0.18	159	10.8	1.75	8.51	BG05-../DSE05LA4	7.0	550	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.18 kW



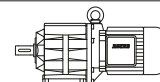
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.18	128	13.4	1.5	10.59	BG05-../DSE05LA4	7.0	590	-
0.18	117	14.6	1.45	11.55	BG05-../DSE05LA4	7.0	600	-
0.18	113	15.2	1.4	12.05	BG05-../DSE05LA4	7.0	510	-
0.18	108	15.9	1.4	12.60	BG05-../DSE05LA4	7.0	610	-
0.18	99	17.3	1.35	13.75	BG05-../DSE05LA4	7.0	630	-
0.18	89	19.3	1.25	15.23	BG05-../DSE05LA4	7.0	640	-
0.18	82	20.5	1.2	16.62	BG05-../DSE05LA4	7.0	660	-
0.18	72	23.5	1.1	18.82	BG05-../DSE05LA4	7.0	680	-
0.18	66	26	1.05	20.53	BG05-../DSE05LA4	7.0	700	-
0.18	57	30	0.93	24.00	BG05-../DSE05LA4	7.0	740	-
0.18	52	33	0.88	26.18	BG05-../DSE05LA4	7.0	760	-
0.18	49	35	0.86	27.82	BG05-../DSE05LA4	7.0	770	-
0.18	230	7.4	3.2	5.96	BG06-../DSE05LA4	8.0	570	-
0.18	193	8.9	2.9	7.01	BG06-../DSE05LA4	8.0	580	-
0.18	161	10.6	2.6	8.39	BG06-../DSE05LA4	8.0	600	-
0.18	144	11.9	2.5	9.38	BG06-../DSE05LA4	8.0	640	-
0.18	132	13	2.4	10.24	BG06-../DSE05LA4	8.0	640	-
0.18	120	14.3	2.2	11.28	BG06-../DSE05LA4	8.0	670	-
0.18	110	15.6	2.1	12.30	BG06-../DSE05LA4	8.0	670	-
0.18	105	16.3	2.0	12.98	BG06-../DSE05LA4	8.0	600	-
0.18	92	18.6	1.85	14.78	BG06-../DSE05LA4	8.0	730	-
0.18	84	20	1.75	16.13	BG06-../DSE05LA4	8.0	740	-
0.18	78	22	1.75	17.40	BG06-../DSE05LA4	8.0	760	-
0.18	72	23.5	1.7	18.98	BG06-../DSE05LA4	8.0	770	-
0.18	65	26	1.55	20.82	BG06-../DSE05LA4	8.0	800	-
0.18	60	28.5	1.5	22.71	BG06-../DSE05LA4	8.0	810	-
0.18	53	32	1.4	25.48	BG06-../DSE05LA4	8.0	850	-
0.18	49	35	1.3	27.80	BG06-../DSE05LA4	8.0	840	-
0.18	42	40.5	1.1	32.22	BG06-../DSE05LA4	8.0	890	-
0.18	38.5	44.5	1.0	35.15	BG06-../DSE05LA4	8.0	880	-
0.18	37	46	0.98	36.91	BG06-../DSE05LA4	8.0	890	-
0.18	34	50	0.9	40.26	BG06-../DSE05LA4	8.0	890	-
0.18	46.5	36.5	3.3	29.09	BG10-../DSE06LA4	13	1540	2150
0.18	43	39.5	3.0	31.52	BG10-../DSE06LA4	13	1600	2200
0.18	39	44	2.7	34.92	BG10-../DSE06LA4	13	1690	2350
0.18	34.5	49.5	2.4	39.70	BG10-../DSE06LA4	13	1780	2450
0.18	31	55	2.2	43.99	BG10-../DSE06LA4	13	1880	2600
0.18	29.5	58	2.1	46.55	BG10-../DSE06LA4	13	1920	2650
0.18	26.5	64	1.9	51.57	BG10-../DSE06LA4	13	2000	2800
0.18	23.5	73	1.65	57.48	BG10-../DSE06LA4	13	2000	2800
0.18	21.5	79	1.5	63.69	BG10-../DSE06LA4	13	2000	2800
0.18	20.5	83	1.45	66.00	BG10-../DSE06LA4	13	2000	2800
0.18	18.5	92	1.3	73.13	BG10-../DSE06LA4	13	2000	2800
0.18	17.5	98	1.2	77.40	BG10Z-../DSE06LA4	14	2000	2800
0.18	16	107	1.1	85.76	BG10Z-../DSE06LA4	14	2000	2800
0.18	15	114	1.05	92.19	BG10Z-../DSE06LA4	14	2000	2800
0.18	13.5	127	0.94	102.1	BG10Z-../DSE06LA4	14	2000	2800
0.18	12.5	137	0.88	109.8	BG10Z-../DSE06LA4	14	2000	2800
0.18	11.5	149	0.81	121.7	BG10Z-../DSE06LA4	14	2000	2800
0.18	36	47.5	3.2	37.90	BG15-../DSE06LA4	13	3000	6000
0.18	28.5	60	3.3	47.92	BG20-../DSE06LA4	16	4750	-
0.18	25.5	67	3.0	53.22	BG20-../DSE06LA4	16	4950	-
0.18	23	74	2.7	59.07	BG20-../DSE06LA4	16	5000	-
0.18	21	81	2.5	65.62	BG20-../DSE06LA4	16	5000	-
0.18	20	85	2.4	67.53	BG20Z-../DSE06LA4	16	5000	-
0.18	17.5	98	2.0	78.60	BG20Z-../DSE06LA4	16	5000	-
0.18	15.5	110	1.8	87.30	BG20Z-../DSE06LA4	16	5000	-
0.18	14.5	118	1.7	94.27	BG20Z-../DSE06LA4	16	5000	-
0.18	13	132	1.5	104.7	BG20Z-../DSE06LA4	16	5000	-
0.18	12	143	1.4	112.8	BG20Z-../DSE06LA4	16	5000	-
0.18	11	156	1.3	125.3	BG20Z-../DSE06LA4	16	5000	-
0.18	9.6	179	1.1	141.3	BG20Z-../DSE06LA4	16	5000	-
0.18	8.4	200	1.0	162.2	BG20Z-../DSE06LA4	16	5000	-
0.18	7.5	225	0.89	180.1	BG20Z-../DSE06LA4	16	5000	-
0.18	6.8	250	0.8	199.9	BG20Z-../DSE06LA4	16	5000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.18 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.18	21	81	3.3	65.79	BG30Z-../DSE06LA4	22	6000	-
0.18	18.5	92	3.3	73.51	BG30Z-../DSE06LA4	22	6000	-
0.18	17	101	3.0	81.55	BG30Z-../DSE06LA4	22	6000	-
0.18	16	107	2.8	86.13	BG30Z-../DSE06LA4	22	6000	-
0.18	14.5	118	2.5	95.55	BG30Z-../DSE06LA4	22	6000	-
0.18	12.5	137	2.2	109.6	BG30Z-../DSE06LA4	22	6000	-
0.18	11.5	149	2.0	121.6	BG30Z-../DSE06LA4	22	6000	-
0.18	11	156	1.9	128.5	BG30Z-../DSE06LA4	22	6000	-
0.18	9.5	180	1.65	142.5	BG30Z-../DSE06LA4	22	6000	-
0.18	9.0	191	1.55	151.5	BG30Z-../DSE06LA4	22	6000	-
0.18	8.1	210	1.45	168.1	BG30Z-../DSE06LA4	22	6000	-
0.18	7.4	230	1.3	182.9	BG30Z-../DSE06LA4	22	6000	-
0.18	6.7	255	1.2	202.9	BG30Z-../DSE06LA4	22	6000	-
0.18	6.0	285	1.05	225.9	BG30Z-../DSE06LA4	22	6000	-
0.18	5.2	330	0.91	261.9	BG30Z-../DSE06LA4	22	6000	-
0.18	4.7	365	0.82	290.5	BG30Z-../DSE06LA4	22	6000	-
0.18	4.5	350	0.93	306.2	BG30G06-../DSE06LA4	25	6000	-
0.18	13	132	3.2	107.5	BG40Z-../DSE06LA4	38	7000	-
0.18	11.5	149	2.9	121.3	BG40Z-../DSE06LA4	38	7000	-
0.18	10.5	163	2.6	134.6	BG40Z-../DSE06LA4	38	7000	-
0.18	9.6	179	2.4	141.4	BG40Z-../DSE06LA4	38	7000	-
0.18	8.7	197	2.2	156.9	BG40Z-../DSE06LA4	38	7000	-
0.18	8.2	205	2.1	166.1	BG40Z-../DSE06LA4	38	7000	-
0.18	7.4	230	1.85	184.4	BG40Z-../DSE06LA4	38	7000	-
0.18	6.8	250	1.7	199.9	BG40Z-../DSE06LA4	38	7000	-
0.18	6.1	280	1.5	221.9	BG40Z-../DSE06LA4	38	7000	-
0.18	5.5	310	1.35	246.5	BG40Z-../DSE06LA4	38	7000	-
0.18	5.0	340	1.25	273.6	BG40Z-../DSE06LA4	38	7000	-
0.18	4.7	275	1.7	288.6	BG40G10-../DSE06LA4	43	7000	-
0.18	3.9	340	1.35	353.5	BG40G10-../DSE06LA4	43	7000	-
0.18	3.1	445	1.05	448.8	BG40G10-../DSE06LA4	43	7000	-
0.18	2.6	540	0.86	534.2	BG40G10-../DSE06LA4	43	7000	-
0.18	8.2	205	3.1	164.9	BG50Z-../DSE06LA4	47	10000	-
0.18	7.4	230	2.7	182.8	BG50Z-../DSE06LA4	47	10000	-
0.18	6.6	260	2.4	204.7	BG50Z-../DSE06LA4	47	10000	-
0.18	6.0	285	2.2	226.9	BG50Z-../DSE06LA4	47	10000	-
0.18	5.3	320	1.95	258.6	BG50Z-../DSE06LA4	47	10000	-
0.18	4.8	355	1.75	286.7	BG50Z-../DSE06LA4	47	10000	-
0.18	3.9	340	2.0	351.7	BG50G10-../DSE06LA4	51	10000	-
0.18	3.1	445	1.55	446.5	BG50G10-../DSE06LA4	51	10000	-
0.18	2.6	540	1.3	531.5	BG50G10-../DSE06LA4	51	10000	-
0.18	2.2	670	1.05	621.3	BG50G10-../DSE06LA4	51	10000	-
0.18	2.0	730	0.95	708.3	BG50G10-../DSE06LA4	51	10000	-
0.18	1.8	810	0.85	785.1	BG50G10-../DSE06LA4	51	10000	-
0.18	2.7	485	2.7	504.9	BG60G20-../DSE06LA4	100	16000	-
0.18	2.5	520	2.5	559.5	BG60G20-../DSE06LA4	100	16000	-
0.18	2.1	650	2.0	651.3	BG60G20-../DSE06LA4	100	16000	-
0.18	1.7	800	1.65	804.5	BG60G20-../DSE06LA4	100	16000	-
0.18	1.6	840	1.55	891.5	BG60G20-../DSE06LA4	100	16000	-
0.18	1.3	1080	1.2	1051	BG60G20-../DSE06LA4	100	16000	-
0.18	1.2	1180	1.1	1168	BG60G20-../DSE06LA4	100	16000	-
0.18	1.1	1290	1.0	1346	BG60G20-../DSE06LA4	100	16000	-
0.18	1.8	750	3.3	790.2	BG70G20-../DSE06LA4	130	20000	-
0.18	1.6	860	2.9	877.6	BG70G20-../DSE06LA4	130	20000	-
0.18	1.4	1000	2.5	1035	BG70G20-../DSE06LA4	130	20000	-
0.18	1.2	1190	2.1	1193	BG70G20-../DSE06LA4	130	20000	-
0.18	1.0	1470	1.7	1389	BG70G20-../DSE06LA4	130	20000	-
0.18	0.9	1670	1.5	1543	BG70G20-../DSE06LA4	130	20000	-
0.18	0.85	1780	1.4	1666	BG70G20-../DSE06LA4	130	20000	-
0.18	0.7	2200	1.15	1994	BG70G20-../DSE06LA4	130	20000	-
0.18	0.65	2400	1.05	2215	BG70G20-../DSE06LA4	130	20000	-

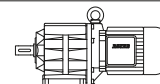
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The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.25 kW



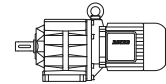
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.25	520	4.55	2.0	2.64	BG05-../DSE05LA4	7.0	420	-
0.25	400	5.9	1.7	3.38	BG05-../DSE05LA4	7.0	460	-
0.25	295	8.0	1.5	4.59	BG05-../DSE05LA4	7.0	490	-
0.25	250	9.5	1.45	5.46	BG05-../DSE05LA4	7.0	490	-
0.25	225	10.6	1.6	6.09	BG05-../DSE05LA4	7.0	480	-
0.25	205	11.6	1.45	6.64	BG05-../DSE05LA4	7.0	500	-
0.25	174	13.7	1.3	7.80	BG05-../DSE05LA4	7.0	530	-
0.25	166	14.3	1.25	8.15	BG05-../DSE05LA4	7.0	510	-
0.25	159	15	1.25	8.51	BG05-../DSE05LA4	7.0	550	-
0.25	128	18.6	1.1	10.59	BG05-../DSE05LA4	7.0	590	-
0.25	117	20	1.05	11.55	BG05-../DSE05LA4	7.0	600	-
0.25	113	21	1.0	12.05	BG05-../DSE05LA4	7.0	510	-
0.25	108	22	1.0	12.60	BG05-../DSE05LA4	7.0	610	-
0.25	99	24	0.96	13.75	BG05-../DSE05LA4	7.0	630	-
0.25	89	26.5	0.91	15.23	BG05-../DSE05LA4	7.0	640	-
0.25	82	29	0.86	16.62	BG05-../DSE05LA4	7.0	660	-
0.25	360	6.6	3.0	3.78	BG06-../DSE05LA4	8.0	520	-
0.25	300	7.9	2.8	4.54	BG06-../DSE05LA4	8.0	530	-
0.25	230	10.3	2.3	5.96	BG06-../DSE05LA4	8.0	570	-
0.25	193	12.3	2.1	7.01	BG06-../DSE05LA4	8.0	580	-
0.25	161	14.8	1.9	8.39	BG06-../DSE05LA4	8.0	600	-
0.25	144	16.5	1.8	9.38	BG06-../DSE05LA4	8.0	640	-
0.25	132	18	1.7	10.24	BG06-../DSE05LA4	8.0	640	-
0.25	120	19.8	1.6	11.28	BG06-../DSE05LA4	8.0	670	-
0.25	110	21.5	1.55	12.30	BG06-../DSE05LA4	8.0	670	-
0.25	105	22.5	1.45	12.98	BG06-../DSE05LA4	8.0	600	-
0.25	92	25.5	1.35	14.78	BG06-../DSE05LA4	8.0	730	-
0.25	84	28	1.25	16.13	BG06-../DSE05LA4	8.0	740	-
0.25	78	30.5	1.25	17.40	BG06-../DSE05LA4	8.0	760	-
0.25	72	33	1.2	18.98	BG06-../DSE05LA4	8.0	770	-
0.25	65	36.5	1.1	20.82	BG06-../DSE05LA4	8.0	800	-
0.25	60	39.5	1.1	22.71	BG06-../DSE05LA4	8.0	810	-
0.25	53	45	1.0	25.48	BG06-../DSE05LA4	8.0	850	-
0.25	49	48.5	0.93	27.80	BG06-../DSE05LA4	8.0	840	-
0.25	42	56	0.8	32.22	BG06-../DSE05LA4	8.0	890	-
0.25	66	36	3.3	20.51	BG10-../DSE06LA4	13	1290	1800
0.25	62	38.5	3.1	22.04	BG10-../DSE06LA4	13	1330	1860
0.25	56	42.5	2.8	24.42	BG10-../DSE06LA4	13	1410	1970
0.25	52	45.5	2.6	26.26	BG10-../DSE06LA4	13	1460	2000
0.25	46.5	51	2.4	29.09	BG10-../DSE06LA4	13	1540	2150
0.25	43	55	2.2	31.52	BG10-../DSE06LA4	13	1600	2200
0.25	39	61	1.95	34.92	BG10-../DSE06LA4	13	1690	2350
0.25	34.5	69	1.75	39.70	BG10-../DSE06LA4	13	1780	2450
0.25	31	77	1.55	43.99	BG10-../DSE06LA4	13	1880	2600
0.25	29.5	80	1.5	46.55	BG10-../DSE06LA4	13	1920	2650
0.25	26.5	90	1.35	51.57	BG10-../DSE06LA4	13	2000	2800
0.25	23.5	101	1.2	57.48	BG10-../DSE06LA4	13	2000	2800
0.25	21.5	111	1.1	63.69	BG10-../DSE06LA4	13	2000	2800
0.25	20.5	116	1.05	66.00	BG10-../DSE06LA4	13	2000	2800
0.25	18.5	129	0.93	73.13	BG10-../DSE06LA4	13	2000	2800
0.25	17.5	136	0.88	77.40	BG10Z-../DSE06LA4	14	2000	2800
0.25	16	149	0.81	85.76	BG10Z-../DSE06LA4	14	2000	2800
0.25	50	47.5	3.2	27.08	BG15-../DSE06LA4	13	3000	6000
0.25	45	53	2.8	30.08	BG15-../DSE06LA4	13	3000	6000
0.25	39.5	60	2.5	34.20	BG15-../DSE06LA4	13	3000	6000
0.25	36	66	2.3	37.90	BG15-../DSE06LA4	13	3000	6000
0.25	36.5	65	3.1	37.02	BG20-../DSE06LA4	16	4300	-
0.25	32.5	73	2.7	41.76	BG20-../DSE06LA4	16	4500	-
0.25	29.5	80	2.5	46.38	BG20-../DSE06LA4	16	4700	-
0.25	28.5	83	2.4	47.92	BG20-../DSE06LA4	16	4750	-
0.25	25.5	93	2.2	53.22	BG20-../DSE06LA4	16	4950	-
0.25	23	103	1.95	59.07	BG20-../DSE06LA4	16	5000	-
0.25	21	113	1.75	65.62	BG20-../DSE06LA4	16	5000	-
0.25	20	119	1.7	67.53	BG20Z-../DSE06LA4	16	5000	-
0.25	17.5	136	1.45	78.60	BG20Z-../DSE06LA4	16	5000	-
0.25	15.5	154	1.3	87.30	BG20Z-../DSE06LA4	16	5000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.25 kW



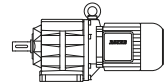
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.25	14.5	164	1.2	94.27	BG20Z-../DSE06LA4	16	5000	-
0.25	13	183	1.1	104.7	BG20Z-../DSE06LA4	16	5000	-
0.25	12	198	1.0	112.8	BG20Z-../DSE06LA4	16	5000	-
0.25	11	215	0.93	125.3	BG20Z-../DSE06LA4	16	5000	-
0.25	9.6	245	0.82	141.3	BG20Z-../DSE06LA4	16	5000	-
0.25	26	91	3.3	52.44	BG30-../DSE06LA4	20	6000	-
0.25	23.5	101	3.0	58.18	BG30-../DSE06LA4	20	6000	-
0.25	22.5	106	2.8	60.79	BG30-../DSE06LA4	20	6000	-
0.25	20.5	116	2.6	67.44	BG30-../DSE06LA4	20	6000	-
0.25	18.5	129	2.3	73.51	BG30Z-../DSE06LA4	22	6000	-
0.25	17	140	2.1	81.55	BG30Z-../DSE06LA4	22	6000	-
0.25	16	149	2.0	86.13	BG30Z-../DSE06LA4	22	6000	-
0.25	14.5	164	1.85	95.55	BG30Z-../DSE06LA4	22	6000	-
0.25	12.5	191	1.55	109.6	BG30Z-../DSE06LA4	22	6000	-
0.25	11.5	205	1.45	121.6	BG30Z-../DSE06LA4	22	6000	-
0.25	11	215	1.4	128.5	BG30Z-../DSE06LA4	22	6000	-
0.25	9.5	250	1.2	142.5	BG30Z-../DSE06LA4	22	6000	-
0.25	9.0	265	1.15	151.5	BG30Z-../DSE06LA4	22	6000	-
0.25	8.1	290	1.05	168.1	BG30Z-../DSE06LA4	22	6000	-
0.25	7.4	320	0.94	182.9	BG30Z-../DSE06LA4	22	6000	-
0.25	6.7	355	0.85	202.9	BG30Z-../DSE06LA4	22	6000	-
0.25	18	132	3.2	75.19	BG40Z-../DSE06LA4	38	7000	-
0.25	16.5	144	3.0	82.00	BG40Z-../DSE06LA4	38	7000	-
0.25	15	159	2.7	91.02	BG40Z-../DSE06LA4	38	7000	-
0.25	14	170	2.5	96.86	BG40Z-../DSE06LA4	38	7000	-
0.25	13	183	2.3	107.5	BG40Z-../DSE06LA4	38	7000	-
0.25	11.5	205	2.1	121.3	BG40Z-../DSE06LA4	38	7000	-
0.25	10.5	225	1.9	134.6	BG40Z-../DSE06LA4	38	7000	-
0.25	9.6	245	1.75	141.4	BG40Z-../DSE06LA4	38	7000	-
0.25	8.7	270	1.55	156.9	BG40Z-../DSE06LA4	38	7000	-
0.25	8.2	290	1.45	166.1	BG40Z-../DSE06LA4	38	7000	-
0.25	7.4	320	1.35	184.4	BG40Z-../DSE06LA4	38	7000	-
0.25	6.8	350	1.2	199.9	BG40Z-../DSE06LA4	38	7000	-
0.25	6.1	390	1.1	221.9	BG40Z-../DSE06LA4	38	7000	-
0.25	5.5	430	0.99	246.5	BG40Z-../DSE06LA4	38	7000	-
0.25	5.0	475	0.89	273.6	BG40Z-../DSE06LA4	38	7000	-
0.25	4.7	415	1.1	288.6	BG40G10-../DSE06LA4	43	7000	-
0.25	3.9	510	0.91	353.5	BG40G10-../DSE06LA4	43	7000	-
0.25	10.5	225	2.8	128.9	BG50Z-../DSE06LA4	47	10000	-
0.25	9.5	250	2.5	142.9	BG50Z-../DSE06LA4	47	10000	-
0.25	8.2	290	2.2	164.9	BG50Z-../DSE06LA4	47	10000	-
0.25	7.4	320	1.95	182.8	BG50Z-../DSE06LA4	47	10000	-
0.25	6.6	360	1.75	204.7	BG50Z-../DSE06LA4	47	10000	-
0.25	6.0	395	1.6	226.9	BG50Z-../DSE06LA4	47	10000	-
0.25	5.3	450	1.4	258.6	BG50Z-../DSE06LA4	47	10000	-
0.25	4.8	495	1.25	286.7	BG50Z-../DSE06LA4	47	10000	-
0.25	3.9	510	1.35	351.7	BG50G10-../DSE06LA4	51	10000	-
0.25	3.1	660	1.05	446.5	BG50G10-../DSE06LA4	51	10000	-
0.25	2.6	800	0.86	531.5	BG50G10-../DSE06LA4	51	10000	-
0.25	4.5	400	3.3	306.1	BG60G20-../DSE06LA4	100	16000	-
0.25	4.1	440	3.0	334.3	BG60G20-../DSE06LA4	100	16000	-
0.25	3.7	490	2.7	370.5	BG60G20-../DSE06LA4	100	16000	-
0.25	3.1	600	2.2	437.3	BG60G20-../DSE06LA4	100	16000	-
0.25	2.7	730	1.8	504.9	BG60G20-../DSE06LA4	100	16000	-
0.25	2.5	790	1.65	559.5	BG60G20-../DSE06LA4	100	16000	-
0.25	2.1	970	1.35	651.3	BG60G20-../DSE06LA4	100	16000	-
0.25	1.7	1200	1.1	804.5	BG60G20-../DSE06LA4	100	16000	-
0.25	1.6	1260	1.05	891.5	BG60G20-../DSE06LA4	100	16000	-
0.25	1.3	1590	0.82	1051	BG60G20-../DSE06LA4	100	16000	-
0.25	2.4	840	3.0	577.3	BG70G20-../DSE06LA4	130	20000	-
0.25	2.1	960	2.6	665.8	BG70G20-../DSE06LA4	130	20000	-
0.25	1.8	1120	2.2	790.2	BG70G20-../DSE06LA4	130	20000	-
0.25	1.6	1280	1.95	877.6	BG70G20-../DSE06LA4	130	20000	-
0.25	1.4	1480	1.7	1035	BG70G20-../DSE06LA4	130	20000	-
0.25	1.2	1750	1.45	1193	BG70G20-../DSE06LA4	130	20000	-

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

BG-series helical-geared motors

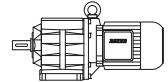
Selection helical-geared motors DSE - IE1

0.25 kW



P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
0.25	1.0	2100	1.2	1389	BG70G20-../DSE06LA4	130	20000	-
0.25	0.9	2400	1.05	1543	BG70G20-../DSE06LA4	130	20000	-

0.37 kW



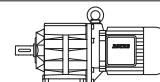
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
0.37	520	6.7	1.35	2.64	BG05-../DSE07LA4	11	420	-
0.37	400	8.8	1.15	3.38	BG05-../DSE07LA4	11	460	-
0.37	295	11.9	1.0	4.59	BG05-../DSE07LA4	11	490	-
0.37	250	14.1	0.99	5.46	BG05-../DSE07LA4	11	490	-
0.37	225	15.7	1.1	6.09	BG05-../DSE07LA4	11	480	-
0.37	205	17.2	0.99	6.64	BG05-../DSE07LA4	11	500	-
0.37	174	20	0.9	7.80	BG05-../DSE07LA4	11	530	-
0.37	166	21	0.86	8.15	BG05-../DSE07LA4	11	510	-
0.37	159	22	0.86	8.51	BG05-../DSE07LA4	11	550	-
0.37	360	9.8	2.0	3.78	BG06-../DSE07LA4	12	520	-
0.37	300	11.7	1.9	4.54	BG06-../DSE07LA4	12	530	-
0.37	230	15.3	1.55	5.96	BG06-../DSE07LA4	12	570	-
0.37	193	18.3	1.4	7.01	BG06-../DSE07LA4	12	580	-
0.37	161	21.5	1.3	8.39	BG06-../DSE07LA4	12	600	-
0.37	144	24.5	1.2	9.38	BG06-../DSE07LA4	12	640	-
0.37	132	26.5	1.15	10.24	BG06-../DSE07LA4	12	640	-
0.37	120	29	1.1	11.28	BG06-../DSE07LA4	12	670	-
0.37	110	32	1.05	12.30	BG06-../DSE07LA4	12	670	-
0.37	105	33.5	0.99	12.98	BG06-../DSE07LA4	12	600	-
0.37	92	38	0.89	14.78	BG06-../DSE07LA4	12	730	-
0.37	84	42	0.83	16.13	BG06-../DSE07LA4	12	740	-
0.37	78	45	0.84	17.40	BG06-../DSE07LA4	12	760	-
0.37	72	49	0.82	18.98	BG06-../DSE07LA4	12	770	-
0.37	103	34	3.2	13.21	BG10-../DSE07LA4	15	1070	1490
0.37	93	37.5	3.0	14.58	BG10-../DSE07LA4	15	1100	1540
0.37	84	42	2.8	16.15	BG10-../DSE07LA4	15	1140	1590
0.37	73	48	2.5	18.51	BG10-../DSE07LA4	15	1210	1690
0.37	66	53	2.3	20.51	BG10-../DSE07LA4	15	1290	1800
0.37	62	56	2.1	22.04	BG10-../DSE07LA4	15	1330	1860
0.37	56	63	1.9	24.42	BG10-../DSE07LA4	15	1410	1970
0.37	52	67	1.8	26.26	BG10-../DSE07LA4	15	1460	2000
0.37	46.5	75	1.6	29.09	BG10-../DSE07LA4	15	1540	2150
0.37	43	82	1.45	31.52	BG10-../DSE07LA4	15	1600	2200
0.37	39	90	1.35	34.92	BG10-../DSE07LA4	15	1690	2350
0.37	34.5	102	1.2	39.70	BG10-../DSE07LA4	15	1780	2450
0.37	31	113	1.05	43.99	BG10-../DSE07LA4	15	1880	2600
0.37	29.5	119	1.0	46.55	BG10-../DSE07LA4	15	1920	2650
0.37	26.5	133	0.9	51.57	BG10-../DSE07LA4	15	2000	2800
0.37	23.5	150	0.8	57.48	BG10-../DSE07LA4	15	2000	2800
0.37	50	70	2.1	27.08	BG15-../DSE07LA4	15	3000	6000
0.37	45	78	1.9	30.08	BG15-../DSE07LA4	15	3000	6000
0.37	39.5	89	1.7	34.20	BG15-../DSE07LA4	15	3000	6000
0.37	36	98	1.55	37.90	BG15-../DSE07LA4	15	3000	6000
0.37	53	66	3.0	25.79	BG20-../DSE07LA4	18	3700	-
0.37	48.5	72	2.8	27.85	BG20-../DSE07LA4	18	3800	-
0.37	44	80	2.5	30.94	BG20-../DSE07LA4	18	4000	-
0.37	41	86	2.3	33.33	BG20-../DSE07LA4	18	4100	-
0.37	36.5	96	2.1	37.02	BG20-../DSE07LA4	18	4300	-
0.37	32.5	108	1.85	41.76	BG20-../DSE07LA4	18	4500	-
0.37	29.5	119	1.7	46.38	BG20-../DSE07LA4	18	4700	-
0.37	28.5	123	1.65	47.92	BG20-../DSE07LA4	18	4750	-
0.37	25.5	138	1.45	53.22	BG20-../DSE07LA4	18	4950	-
0.37	23	153	1.3	59.07	BG20-../DSE07LA4	18	5000	-
0.37	21	168	1.2	65.62	BG20-../DSE07LA4	18	5000	-
0.37	20	176	1.15	67.53	BG20Z-../DSE07LA4	19	5000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.37 kW



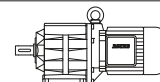
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
0.37	17.5	200	1.0	78.60	BG20Z-../DSE07LA4	19	5000	-
0.37	15.5	225	0.89	87.30	BG20Z-../DSE07LA4	19	5000	-
0.37	14.5	240	0.83	94.27	BG20Z-../DSE07LA4	19	5000	-
0.37	38.5	91	3.3	35.17	BG30-../DSE07LA4	22	5500	-
0.37	35	100	3.0	39.02	BG30-../DSE07LA4	22	5800	-
0.37	32	110	2.7	42.46	BG30-../DSE07LA4	22	5900	-
0.37	29	121	2.5	47.11	BG30-../DSE07LA4	22	6000	-
0.37	26	135	2.2	52.44	BG30-../DSE07LA4	22	6000	-
0.37	23.5	150	2.0	58.18	BG30-../DSE07LA4	22	6000	-
0.37	22.5	157	1.9	60.79	BG30-../DSE07LA4	22	6000	-
0.37	20.5	172	1.75	67.44	BG30-../DSE07LA4	22	6000	-
0.37	18.5	191	1.55	73.51	BG30Z-../DSE07LA4	25	6000	-
0.37	17	205	1.45	81.55	BG30Z-../DSE07LA4	25	6000	-
0.37	16	220	1.35	86.13	BG30Z-../DSE07LA4	25	6000	-
0.37	14.5	240	1.25	95.55	BG30Z-../DSE07LA4	25	6000	-
0.37	12.5	280	1.05	109.6	BG30Z-../DSE07LA4	25	6000	-
0.37	11.5	305	0.98	121.6	BG30Z-../DSE07LA4	25	6000	-
0.37	11	320	0.94	128.5	BG30Z-../DSE07LA4	25	6000	-
0.37	9.5	370	0.81	142.5	BG30Z-../DSE07LA4	25	6000	-
0.37	20	176	2.4	67.74	BG40Z-../DSE07LA4	40	7000	-
0.37	18	196	2.2	75.19	BG40Z-../DSE07LA4	40	7000	-
0.37	16.5	210	2.0	82.00	BG40Z-../DSE07LA4	40	7000	-
0.37	15	235	1.8	91.02	BG40Z-../DSE07LA4	40	7000	-
0.37	14	250	1.7	96.86	BG40Z-../DSE07LA4	40	7000	-
0.37	13	270	1.55	107.5	BG40Z-../DSE07LA4	40	7000	-
0.37	11.5	305	1.4	121.3	BG40Z-../DSE07LA4	40	7000	-
0.37	10.5	335	1.25	134.6	BG40Z-../DSE07LA4	40	7000	-
0.37	9.6	365	1.15	141.4	BG40Z-../DSE07LA4	40	7000	-
0.37	8.7	405	1.05	156.9	BG40Z-../DSE07LA4	40	7000	-
0.37	8.2	430	0.99	166.1	BG40Z-../DSE07LA4	40	7000	-
0.37	7.4	475	0.89	184.4	BG40Z-../DSE07LA4	40	7000	-
0.37	6.8	510	0.83	199.9	BG40Z-../DSE07LA4	40	7000	-
0.37	17	205	3.1	79.78	BG50Z-../DSE07LA4	50	10000	-
0.37	14.5	240	2.6	95.58	BG50Z-../DSE07LA4	50	10000	-
0.37	13	270	2.3	106.0	BG50Z-../DSE07LA4	50	10000	-
0.37	10.5	335	1.9	128.9	BG50Z-../DSE07LA4	50	10000	-
0.37	9.5	370	1.7	142.9	BG50Z-../DSE07LA4	50	10000	-
0.37	8.2	430	1.45	164.9	BG50Z-../DSE07LA4	50	10000	-
0.37	7.4	475	1.35	182.8	BG50Z-../DSE07LA4	50	10000	-
0.37	6.6	530	1.2	204.7	BG50Z-../DSE07LA4	50	10000	-
0.37	6.0	580	1.1	226.9	BG50Z-../DSE07LA4	50	10000	-
0.37	5.3	660	0.95	258.6	BG50Z-../DSE07LA4	50	10000	-
0.37	4.8	730	0.86	286.7	BG50Z-../DSE07LA4	50	10000	-
0.37	3.9	800	0.86	351.7	BG50G10-../DSE07LA4	54	10000	-
0.37	4.9	600	2.2	276.2	BG60G20-../DSE07LA4	102	16000	-
0.37	4.5	650	2.0	306.1	BG60G20-../DSE07LA4	102	16000	-
0.37	4.1	720	1.8	334.3	BG60G20-../DSE07LA4	102	16000	-
0.37	3.7	790	1.65	370.5	BG60G20-../DSE07LA4	102	16000	-
0.37	3.1	970	1.35	437.3	BG60G20-../DSE07LA4	102	16000	-
0.37	2.7	1160	1.1	504.9	BG60G20-../DSE07LA4	102	16000	-
0.37	2.5	1240	1.05	559.5	BG60G20-../DSE07LA4	102	16000	-
0.37	2.1	1510	0.86	651.3	BG60G20-../DSE07LA4	102	16000	-
0.37	3.5	860	2.9	387.6	BG70G20-../DSE07LA4	132	20000	-
0.37	3.3	940	2.7	417.8	BG70G20-../DSE07LA4	132	20000	-
0.37	2.8	1110	2.3	495.9	BG70G20-../DSE07LA4	132	20000	-
0.37	2.4	1320	1.9	577.3	BG70G20-../DSE07LA4	132	20000	-
0.37	2.1	1510	1.65	665.8	BG70G20-../DSE07LA4	132	20000	-
0.37	1.8	1760	1.4	790.2	BG70G20-../DSE07LA4	132	20000	-
0.37	1.6	2000	1.25	877.6	BG70G20-../DSE07LA4	132	20000	-
0.37	1.4	2300	1.1	1035	BG70G20-../DSE07LA4	132	20000	-
0.37	1.2	2700	0.93	1193	BG70G20-../DSE07LA4	132	20000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

0.55 kW

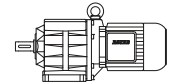


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
0.55	500	10.5	1.7	2.82	BG06-../DSE08MA4	16	470	-
0.55	375	14	1.45	3.78	BG06-../DSE08MA4	16	520	-
0.55	310	16.9	1.3	4.54	BG06-../DSE08MA4	16	530	-
0.55	235	22	1.1	5.96	BG06-../DSE08MA4	16	570	-
0.55	200	26	1.0	7.01	BG06-../DSE08MA4	16	580	-
0.55	184	28.5	0.98	7.65	BG06-../DSE08MA4	16	580	-
0.55	167	31	0.9	8.39	BG06-../DSE08MA4	16	600	-
0.55	150	35	0.86	9.38	BG06-../DSE08MA4	16	640	-
0.55	137	38	0.82	10.24	BG06-../DSE08MA4	16	640	-
0.55	210	25	3.2	6.78	BG10-../DSE08MA4	16	660	920
0.55	184	28.5	3.1	7.63	BG10-../DSE08MA4	16	900	1250
0.55	174	30	2.9	8.07	BG10-../DSE08MA4	16	660	920
0.55	151	34.5	2.8	9.33	BG10-../DSE08MA4	16	950	1330
0.55	136	38.5	2.6	10.34	BG10-../DSE08MA4	16	1000	1400
0.55	118	44.5	2.4	11.92	BG10-../DSE08MA4	16	1030	1440
0.55	106	49.5	2.2	13.21	BG10-../DSE08MA4	16	1070	1490
0.55	97	54	2.1	14.58	BG10-../DSE08MA4	16	1100	1540
0.55	87	60	1.95	16.15	BG10-../DSE08MA4	16	1140	1590
0.55	76	69	1.75	18.51	BG10-../DSE08MA4	16	1210	1690
0.55	69	76	1.6	20.51	BG10-../DSE08MA4	16	1290	1800
0.55	64	82	1.45	22.04	BG10-../DSE08MA4	16	1330	1860
0.55	58	90	1.35	24.42	BG10-../DSE08MA4	16	1410	1970
0.55	54	97	1.25	26.26	BG10-../DSE08MA4	16	1460	2000
0.55	48.5	108	1.1	29.09	BG10-../DSE08MA4	16	1540	2150
0.55	44.5	118	1.0	31.52	BG10-../DSE08MA4	16	1600	2200
0.55	40.5	129	0.93	34.92	BG10-../DSE08MA4	16	1690	2350
0.55	35.5	147	0.82	39.70	BG10-../DSE08MA4	16	1780	2450
0.55	52	101	1.5	27.08	BG15-../DSE08MA4	16	3000	6000
0.55	47	111	1.35	30.08	BG15-../DSE08MA4	16	3000	6000
0.55	41	128	1.15	34.20	BG15-../DSE08MA4	16	3000	6000
0.55	37	141	1.05	37.90	BG15-../DSE08MA4	16	3000	6000
0.55	96	54	3.2	14.67	BG20-../DSE08MA4	19	3050	-
0.55	90	58	3.1	15.58	BG20-../DSE08MA4	19	3100	-
0.55	81	64	2.9	17.31	BG20-../DSE08MA4	19	3200	-
0.55	71	73	2.7	19.95	BG20-../DSE08MA4	19	3350	-
0.55	64	82	2.4	22.16	BG20-../DSE08MA4	19	3500	-
0.55	61	86	2.3	23.22	BG20-../DSE08MA4	19	3550	-
0.55	55	95	2.1	25.79	BG20-../DSE08MA4	19	3700	-
0.55	51	102	1.95	27.85	BG20-../DSE08MA4	19	3800	-
0.55	45.5	115	1.75	30.94	BG20-../DSE08MA4	19	4000	-
0.55	42.5	123	1.65	33.33	BG20-../DSE08MA4	19	4100	-
0.55	38	138	1.45	37.02	BG20-../DSE08MA4	19	4300	-
0.55	34	154	1.3	41.76	BG20-../DSE08MA4	19	4500	-
0.55	30.5	172	1.15	46.38	BG20-../DSE08MA4	19	4700	-
0.55	29.5	178	1.1	47.92	BG20-../DSE08MA4	19	4750	-
0.55	26.5	198	1.0	53.22	BG20-../DSE08MA4	19	4950	-
0.55	24	215	0.93	59.07	BG20-../DSE08MA4	19	5000	-
0.55	21.5	240	0.83	65.62	BG20-../DSE08MA4	19	5000	-
0.55	21	250	0.8	67.53	BG20Z-../DSE08MA4	20	5000	-
0.55	56	93	3.2	25.45	BG30-../DSE08MA4	23	4850	-
0.55	50	105	2.9	28.24	BG30-../DSE08MA4	23	5100	-
0.55	47	111	2.7	29.83	BG30-../DSE08MA4	23	5200	-
0.55	42.5	123	2.4	33.09	BG30-../DSE08MA4	23	5400	-
0.55	40	131	2.3	35.17	BG30-../DSE08MA4	23	5500	-
0.55	36	145	2.1	39.02	BG30-../DSE08MA4	23	5800	-
0.55	33	159	1.9	42.46	BG30-../DSE08MA4	23	5900	-
0.55	30	175	1.7	47.11	BG30-../DSE08MA4	23	6000	-
0.55	27	194	1.55	52.44	BG30-../DSE08MA4	23	6000	-
0.55	24.5	210	1.45	58.18	BG30-../DSE08MA4	23	6000	-
0.55	23.5	220	1.35	60.79	BG30-../DSE08MA4	23	6000	-
0.55	21	250	1.2	67.44	BG30-../DSE08MA4	23	6000	-
0.55	19.5	265	1.15	73.51	BG30Z-../DSE08MA4	26	6000	-
0.55	17.5	300	1.0	81.55	BG30Z-../DSE08MA4	26	6000	-
0.55	16.5	315	0.95	86.13	BG30Z-../DSE08MA4	26	6000	-
0.55	15	350	0.86	95.55	BG30Z-../DSE08MA4	26	6000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1



0.55 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.55	41	128	3.3	34.20	BG40-../DSE08MA4	38	7000	-
0.55	37	141	3.0	37.96	BG40-../DSE08MA4	38	7000	-
0.55	35	150	2.8	40.19	BG40-../DSE08MA4	38	7000	-
0.55	31.5	166	2.6	44.62	BG40-../DSE08MA4	38	7000	-
0.55	29	181	2.3	48.36	BG40-../DSE08MA4	38	7000	-
0.55	26.5	198	2.1	53.69	BG40-../DSE08MA4	38	7000	-
0.55	23.5	220	1.95	59.64	BG40-../DSE08MA4	38	7000	-
0.55	21.5	240	1.75	66.20	BG40-../DSE08MA4	38	7000	-
0.55	21	250	1.7	67.74	BG40Z-../DSE08MA4	42	7000	-
0.55	19	275	1.55	75.19	BG40Z-../DSE08MA4	42	7000	-
0.55	17.5	300	1.4	82.00	BG40Z-../DSE08MA4	42	7000	-
0.55	15.5	335	1.25	91.02	BG40Z-../DSE08MA4	42	7000	-
0.55	14.5	360	1.2	96.86	BG40Z-../DSE08MA4	42	7000	-
0.55	13.5	385	1.1	107.5	BG40Z-../DSE08MA4	42	7000	-
0.55	12	435	0.98	121.3	BG40Z-../DSE08MA4	42	7000	-
0.55	10.5	500	0.85	134.6	BG40Z-../DSE08MA4	42	7000	-
0.55	10	520	0.82	141.4	BG40Z-../DSE08MA4	42	7000	-
0.55	27	194	3.2	52.12	BG50-../DSE08MA4	46	10000	-
0.55	24	215	2.9	59.42	BG50-../DSE08MA4	46	10000	-
0.55	21.5	240	2.6	65.86	BG50-../DSE08MA4	46	10000	-
0.55	19.5	265	2.4	71.97	BG50Z-../DSE08MA4	51	10000	-
0.55	18	290	2.2	79.78	BG50Z-../DSE08MA4	51	10000	-
0.55	15	350	1.8	95.58	BG50Z-../DSE08MA4	51	10000	-
0.55	13.5	385	1.65	106.0	BG50Z-../DSE08MA4	51	10000	-
0.55	11	475	1.35	128.9	BG50Z-../DSE08MA4	51	10000	-
0.55	9.8	530	1.2	142.9	BG50Z-../DSE08MA4	51	10000	-
0.55	8.5	610	1.05	164.9	BG50Z-../DSE08MA4	51	10000	-
0.55	7.7	680	0.93	182.8	BG50Z-../DSE08MA4	51	10000	-
0.55	6.9	760	0.83	204.7	BG50Z-../DSE08MA4	51	10000	-
0.55	14	375	3.2	101.0	BG60Z-../DSE08MA4	96	16000	-
0.55	12	435	2.8	119.2	BG60Z-../DSE08MA4	96	16000	-
0.55	11	475	2.5	132.1	BG60Z-../DSE08MA4	96	16000	-
0.55	8.9	590	2.0	158.0	BG60Z-../DSE08MA4	96	16000	-
0.55	8.0	650	1.85	175.1	BG60Z-../DSE08MA4	96	16000	-
0.55	6.9	760	1.6	204.6	BG60Z-../DSE08MA4	96	16000	-
0.55	6.2	840	1.45	226.7	BG60Z-../DSE08MA4	96	16000	-
0.55	5.7	920	1.3	247.7	BG60Z-../DSE08MA4	96	16000	-
0.55	5.2	1010	1.2	274.5	BG60Z-../DSE08MA4	96	16000	-
0.55	5.1	910	1.45	276.2	BG60G20-../DSE08MA4	103	16000	-
0.55	4.6	1010	1.3	306.1	BG60G20-../DSE08MA4	103	16000	-
0.55	4.2	1110	1.15	334.3	BG60G20-../DSE08MA4	103	16000	-
0.55	3.8	1220	1.05	370.5	BG60G20-../DSE08MA4	103	16000	-
0.55	3.3	1420	0.92	437.3	BG60G20-../DSE08MA4	103	16000	-
0.55	7.3	710	3.2	194.4	BG70Z-../DSE08MA4	136	20000	-
0.55	6.7	780	2.9	210.5	BG70Z-../DSE08MA4	136	20000	-
0.55	5.7	920	2.5	249.8	BG70Z-../DSE08MA4	136	20000	-
0.55	5.5	840	3.0	255.5	BG70G20-../DSE08MA4	133	20000	-
0.55	5.1	910	2.7	276.7	BG70G20-../DSE08MA4	133	20000	-
0.55	4.3	1080	2.3	328.4	BG70G20-../DSE08MA4	133	20000	-
0.55	3.7	1270	1.95	387.6	BG70G20-../DSE08MA4	133	20000	-
0.55	3.4	1420	1.75	417.8	BG70G20-../DSE08MA4	133	20000	-
0.55	2.9	1660	1.5	495.9	BG70G20-../DSE08MA4	133	20000	-
0.55	2.5	1950	1.3	577.3	BG70G20-../DSE08MA4	133	20000	-
0.55	2.2	2200	1.15	665.8	BG70G20-../DSE08MA4	133	20000	-
0.55	1.8	2700	0.93	790.2	BG70G20-../DSE08MA4	133	20000	-
0.55	1.6	3050	0.82	877.6	BG70G20-../DSE08MA4	133	20000	-
0.55	2.9	1430	3.2	484.3	BG80G40-../DSE08MA4	215	26000	-
0.55	2.5	1720	2.7	572.0	BG80G40-../DSE08MA4	215	26000	-
0.55	2.2	1900	2.4	657.8	BG80G40-../DSE08MA4	215	26000	-
0.55	2.0	2100	2.2	730.3	BG80G40-../DSE08MA4	215	26000	-
0.55	1.8	2350	1.95	817.4	BG80G40-../DSE08MA4	215	26000	-
0.55	1.6	2700	1.7	907.6	BG80G40-../DSE08MA4	215	26000	-
0.55	1.4	3200	1.45	1042	BG80G40-../DSE08MA4	215	26000	-
0.55	1.2	3800	1.2	1261	BG80G40-../DSE08MA4	215	26000	-
0.55	1.0	4700	0.98	1400	BG80G40-../DSE08MA4	215	26000	-

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

BG-series helical-geared motors

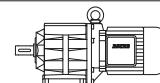
Selection helical-geared motors DSE - IE1

0.55 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.55	1.2	3700	2.5	1174	BG90G50-../DSE08MA4	324	65000	-
0.55	1.1	4100	2.2	1301	BG90G50-../DSE08MA4	324	65000	-
0.55	0.9	5100	1.8	1583	BG90G50-../DSE08MA4	324	65000	-
0.55	0.8	5800	1.6	1756	BG90G50-../DSE08MA4	324	65000	-
0.55	0.7	6800	1.35	2026	BG90G50-../DSE08MA4	324	65000	-
0.55	0.6	8000	1.15	2514	BG90G50-../DSE08MA4	324	65000	-
0.55	0.55	8800	1.05	2786	BG90G50-../DSE08MA4	324	65000	-
0.55	0.65	6000	3.1	2154	BG100G50-../DSE08MA4	512	90000	-
0.55	0.55	7100	2.6	2656	BG100G50-../DSE08MA4	512	90000	-
0.55	0.48	8600	2.2	2952	BG100G50-../DSE08MA4	512	90000	-
0.55	0.43	9700	1.9	3286	BG100G50-../DSE08MA4	512	90000	-
0.55	0.39	10900	1.7	3644	BG100G50-../DSE08MA4	512	90000	-
0.55	0.33	13400	1.4	4366	BG100G50-../DSE08MA4	512	90000	-
0.55	0.29	15600	1.2	4839	BG100G50-../DSE08MA4	512	90000	-

0.75 kW

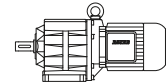


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.75	500	14.3	1.25	2.82	BG06-../DSE08LA4	18	470	-
0.75	375	19.1	1.05	3.78	BG06-../DSE08LA4	18	520	-
0.75	310	23	0.96	4.54	BG06-../DSE08LA4	18	530	-
0.75	235	30	0.8	5.96	BG06-../DSE08LA4	18	570	-
0.75	325	22	3.1	4.36	BG10-../DSE08LA4	18	650	910
0.75	265	27	2.8	5.34	BG10-../DSE08LA4	18	620	910
0.75	210	34	2.4	6.78	BG10-../DSE08LA4	18	660	920
0.75	205	34.5	2.6	6.89	BG10-../DSE08LA4	18	850	1200
0.75	184	38.5	2.3	7.63	BG10-../DSE08LA4	18	900	1250
0.75	174	41	2.1	8.07	BG10-../DSE08LA4	18	660	920
0.75	151	47	2.1	9.33	BG10-../DSE08LA4	18	950	1330
0.75	136	52	1.9	10.34	BG10-../DSE08LA4	18	1000	1400
0.75	118	60	1.75	11.92	BG10-../DSE08LA4	18	1030	1440
0.75	106	67	1.65	13.21	BG10-../DSE08LA4	18	1070	1490
0.75	97	73	1.55	14.58	BG10-../DSE08LA4	18	1100	1540
0.75	87	82	1.45	16.15	BG10-../DSE08LA4	18	1140	1590
0.75	76	94	1.3	18.51	BG10-../DSE08LA4	18	1210	1690
0.75	69	103	1.15	20.51	BG10-../DSE08LA4	18	1290	1800
0.75	64	111	1.1	22.04	BG10-../DSE08LA4	18	1330	1860
0.75	58	123	0.98	24.42	BG10-../DSE08LA4	18	1410	1970
0.75	54	132	0.91	26.26	BG10-../DSE08LA4	18	1460	2000
0.75	48.5	147	0.82	29.09	BG10-../DSE08LA4	18	1540	2150
0.75	52	137	1.1	27.08	BG15-../DSE08LA4	18	3000	6000
0.75	47	152	0.99	30.08	BG15-../DSE08LA4	18	3000	6000
0.75	41	174	0.86	34.20	BG15-../DSE08LA4	18	3000	6000
0.75	169	42	2.9	8.29	BG20-../DSE08LA4	20	2250	-
0.75	158	45	3.2	8.91	BG20-../DSE08LA4	20	2600	-
0.75	146	49	2.5	9.65	BG20-../DSE08LA4	20	2250	-
0.75	133	53	2.9	10.54	BG20-../DSE08LA4	20	2700	-
0.75	120	59	2.7	11.71	BG20-../DSE08LA4	20	2800	-
0.75	106	67	2.5	13.21	BG20-../DSE08LA4	20	2900	-
0.75	96	74	2.3	14.67	BG20-../DSE08LA4	20	3050	-
0.75	90	79	2.2	15.58	BG20-../DSE08LA4	20	3100	-
0.75	81	88	2.1	17.31	BG20-../DSE08LA4	20	3200	-
0.75	71	100	1.95	19.95	BG20-../DSE08LA4	20	3350	-
0.75	64	111	1.8	22.16	BG20-../DSE08LA4	20	3500	-
0.75	61	117	1.7	23.22	BG20-../DSE08LA4	20	3550	-
0.75	55	130	1.55	25.79	BG20-../DSE08LA4	20	3700	-
0.75	51	140	1.45	27.85	BG20-../DSE08LA4	20	3800	-
0.75	45.5	157	1.25	30.94	BG20-../DSE08LA4	20	4000	-
0.75	42.5	168	1.2	33.33	BG20-../DSE08LA4	20	4100	-
0.75	38	188	1.05	37.02	BG20-../DSE08LA4	20	4300	-
0.75	34	210	0.95	41.76	BG20-../DSE08LA4	20	4500	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1



0.75 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.75	30.5	230	0.87	46.38	BG20-../DSE08LA4	20	4700	-
0.75	29.5	240	0.83	47.92	BG20-../DSE08LA4	20	4750	-
0.75	74	96	3.1	18.93	BG30-../DSE08LA4	25	4100	-
0.75	71	100	3.0	19.99	BG30-../DSE08LA4	25	4200	-
0.75	64	111	2.7	22.18	BG30-../DSE08LA4	25	4600	-
0.75	56	127	2.4	25.45	BG30-../DSE08LA4	25	4850	-
0.75	50	143	2.1	28.24	BG30-../DSE08LA4	25	5100	-
0.75	47	152	1.95	29.83	BG30-../DSE08LA4	25	5200	-
0.75	42.5	168	1.8	33.09	BG30-../DSE08LA4	25	5400	-
0.75	40	179	1.7	35.17	BG30-../DSE08LA4	25	5500	-
0.75	36	198	1.5	39.02	BG30-../DSE08LA4	25	5800	-
0.75	33	215	1.4	42.46	BG30-../DSE08LA4	25	5900	-
0.75	30	235	1.3	47.11	BG30-../DSE08LA4	25	6000	-
0.75	27	265	1.15	52.44	BG30-../DSE08LA4	25	6000	-
0.75	24.5	290	1.05	58.18	BG30-../DSE08LA4	25	6000	-
0.75	23.5	300	1.0	60.79	BG30-../DSE08LA4	25	6000	-
0.75	21	340	0.88	67.44	BG30-../DSE08LA4	25	6000	-
0.75	19.5	365	0.82	73.51	BG30Z-../DSE08LA4	28	6000	-
0.75	54	132	3.2	26.01	BG40-../DSE08LA4	40	6500	-
0.75	48	149	2.9	29.34	BG40-../DSE08LA4	40	6800	-
0.75	43	166	2.6	32.57	BG40-../DSE08LA4	40	7000	-
0.75	41	174	2.4	34.20	BG40-../DSE08LA4	40	7000	-
0.75	37	193	2.2	37.96	BG40-../DSE08LA4	40	7000	-
0.75	35	200	2.1	40.19	BG40-../DSE08LA4	40	7000	-
0.75	31.5	225	1.9	44.62	BG40-../DSE08LA4	40	7000	-
0.75	29	245	1.75	48.36	BG40-../DSE08LA4	40	7000	-
0.75	26.5	270	1.55	53.69	BG40-../DSE08LA4	40	7000	-
0.75	23.5	300	1.4	59.64	BG40-../DSE08LA4	40	7000	-
0.75	21.5	330	1.3	66.20	BG40-../DSE08LA4	40	7000	-
0.75	21	340	1.25	67.74	BG40Z-../DSE08LA4	43	7000	-
0.75	19	375	1.15	75.19	BG40Z-../DSE08LA4	43	7000	-
0.75	17.5	405	1.05	82.00	BG40Z-../DSE08LA4	43	7000	-
0.75	15.5	460	0.92	91.02	BG40Z-../DSE08LA4	43	7000	-
0.75	14.5	490	0.87	96.86	BG40Z-../DSE08LA4	43	7000	-
0.75	13.5	530	0.8	107.5	BG40Z-../DSE08LA4	43	7000	-
0.75	37	193	3.3	37.89	BG50-../DSE08LA4	48	10000	-
0.75	33.5	210	3.0	42.00	BG50-../DSE08LA4	48	10000	-
0.75	30	235	2.7	47.02	BG50-../DSE08LA4	48	10000	-
0.75	27	265	2.4	52.12	BG50-../DSE08LA4	48	10000	-
0.75	24	295	2.1	59.42	BG50-../DSE08LA4	48	10000	-
0.75	21.5	330	1.9	65.86	BG50-../DSE08LA4	48	10000	-
0.75	19.5	365	1.75	71.97	BG50Z-../DSE08LA4	52	10000	-
0.75	18	395	1.6	79.78	BG50Z-../DSE08LA4	52	10000	-
0.75	15	475	1.35	95.58	BG50Z-../DSE08LA4	52	10000	-
0.75	13.5	530	1.2	106.0	BG50Z-../DSE08LA4	52	10000	-
0.75	11	650	0.97	128.9	BG50Z-../DSE08LA4	52	10000	-
0.75	9.8	730	0.86	142.9	BG50Z-../DSE08LA4	52	10000	-
0.75	18.5	385	3.1	75.71	BG60Z-../DSE08LA4	97	16000	-
0.75	15.5	460	2.6	91.09	BG60Z-../DSE08LA4	97	16000	-
0.75	14	510	2.4	101.0	BG60Z-../DSE08LA4	97	16000	-
0.75	12	590	2.0	119.2	BG60Z-../DSE08LA4	97	16000	-
0.75	11	650	1.85	132.1	BG60Z-../DSE08LA4	97	16000	-
0.75	8.9	800	1.5	158.0	BG60Z-../DSE08LA4	97	16000	-
0.75	8.0	890	1.35	175.1	BG60Z-../DSE08LA4	97	16000	-
0.75	6.9	1030	1.15	204.6	BG60Z-../DSE08LA4	97	16000	-
0.75	6.2	1150	1.05	226.7	BG60Z-../DSE08LA4	97	16000	-
0.75	5.7	1250	0.96	247.7	BG60Z-../DSE08LA4	97	16000	-
0.75	5.2	1370	0.88	274.5	BG60Z-../DSE08LA4	97	16000	-
0.75	5.1	1280	1.0	276.2	BG60G20-../DSE08LA4	105	16000	-
0.75	4.6	1420	0.92	306.1	BG60G20-../DSE08LA4	105	16000	-
0.75	4.2	1560	0.83	334.3	BG60G20-../DSE08LA4	105	16000	-
0.75	9.6	740	3.1	147.2	BG70Z-../DSE08LA4	137	20000	-
0.75	8.6	830	2.8	163.8	BG70Z-../DSE08LA4	137	20000	-
0.75	7.3	980	2.3	194.4	BG70Z-../DSE08LA4	137	20000	-
0.75	6.7	1060	2.2	210.5	BG70Z-../DSE08LA4	137	20000	-

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

BG-series helical-geared motors

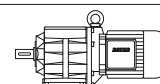
Selection helical-geared motors DSE - IE1

0.75 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.75	5.7	1250	1.85	249.8	BG70Z-../DSE08LA4	137	20000	-
0.75	5.5	1190	2.1	255.5	BG70G20-../DSE08LA4	135	20000	-
0.75	5.1	1280	1.95	276.7	BG70G20-../DSE08LA4	135	20000	-
0.75	4.3	1520	1.65	328.4	BG70G20-../DSE08LA4	135	20000	-
0.75	3.7	1780	1.4	387.6	BG70G20-../DSE08LA4	135	20000	-
0.75	3.4	1980	1.25	417.8	BG70G20-../DSE08LA4	135	20000	-
0.75	2.9	2300	1.1	495.9	BG70G20-../DSE08LA4	135	20000	-
0.75	2.5	2700	0.93	577.3	BG70G20-../DSE08LA4	135	20000	-
0.75	2.2	3050	0.82	665.8	BG70G20-../DSE08LA4	135	20000	-
0.75	3.9	1490	3.1	360.0	BG80G40-../DSE08LA4	216	26000	-
0.75	3.6	1610	2.9	399.8	BG80G40-../DSE08LA4	216	26000	-
0.75	3.3	1830	2.5	436.2	BG80G40-../DSE08LA4	216	26000	-
0.75	2.9	2050	2.2	484.3	BG80G40-../DSE08LA4	216	26000	-
0.75	2.5	2450	1.9	572.0	BG80G40-../DSE08LA4	216	26000	-
0.75	2.2	2750	1.65	657.8	BG80G40-../DSE08LA4	216	26000	-
0.75	2.0	3050	1.5	730.3	BG80G40-../DSE08LA4	216	26000	-
0.75	1.8	3450	1.35	817.4	BG80G40-../DSE08LA4	216	26000	-
0.75	1.6	3900	1.2	907.6	BG80G40-../DSE08LA4	216	26000	-
0.75	1.4	4550	1.0	1042	BG80G40-../DSE08LA4	216	26000	-
0.75	1.2	5400	0.85	1261	BG80G40-../DSE08LA4	216	26000	-
0.75	2.0	2900	3.2	714.2	BG90G50-../DSE08LA4	326	65000	-
0.75	1.6	3800	2.4	883.7	BG90G50-../DSE08LA4	326	65000	-
0.75	1.2	5200	1.75	1174	BG90G50-../DSE08LA4	326	65000	-
0.75	1.1	5800	1.6	1301	BG90G50-../DSE08LA4	326	65000	-
0.75	0.9	7200	1.3	1583	BG90G50-../DSE08LA4	326	65000	-
0.75	0.8	8200	1.1	1756	BG90G50-../DSE08LA4	326	65000	-
0.75	1.0	5700	3.2	1444	BG100G50-../DSE08LA4	513	90000	-
0.75	0.85	6800	2.7	1678	BG100G50-../DSE08LA4	513	90000	-
0.75	0.75	7700	2.4	1867	BG100G50-../DSE08LA4	513	90000	-
0.75	0.65	8900	2.1	2154	BG100G50-../DSE08LA4	513	90000	-
0.75	0.55	10600	1.75	2656	BG100G50-../DSE08LA4	513	90000	-
0.75	0.48	12600	1.45	2952	BG100G50-../DSE08LA4	513	90000	-
0.75	0.43	14100	1.3	3286	BG100G50-../DSE08LA4	513	90000	-
0.75	0.39	15800	1.15	3644	BG100G50-../DSE08LA4	513	90000	-

1.1 kW

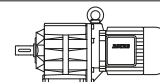


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
1.1	500	21	0.86	2.82	BG06-../DSE08XA4	19	470	-
1.1	560	18.7	3.0	2.52	BG10-../DSE08XA4	19	570	790
1.1	410	25.5	2.4	3.42	BG10-../DSE08XA4	19	630	880
1.1	325	32	2.1	4.36	BG10-../DSE08XA4	19	650	910
1.1	265	39.5	1.9	5.34	BG10-../DSE08XA4	19	620	910
1.1	210	50	1.6	6.78	BG10-../DSE08XA4	19	660	920
1.1	205	51	1.75	6.89	BG10-../DSE08XA4	19	850	1200
1.1	184	57	1.55	7.63	BG10-../DSE08XA4	19	900	1250
1.1	174	60	1.45	8.07	BG10-../DSE08XA4	19	660	920
1.1	151	69	1.4	9.33	BG10-../DSE08XA4	19	950	1330
1.1	136	77	1.3	10.34	BG10-../DSE08XA4	19	1000	1400
1.1	118	89	1.2	11.92	BG10-../DSE08XA4	19	1030	1440
1.1	106	99	1.1	13.21	BG10-../DSE08XA4	19	1070	1490
1.1	97	108	1.05	14.58	BG10-../DSE08XA4	19	1100	1540
1.1	87	120	0.98	16.15	BG10-../DSE08XA4	19	1140	1590
1.1	76	138	0.87	18.51	BG10-../DSE08XA4	19	1210	1690
1.1	320	32.5	3.2	4.38	BG20-../DSE08XA4	22	1990	-
1.1	260	40	2.9	5.49	BG20-../DSE08XA4	22	2100	-
1.1	235	44.5	2.8	6.06	BG20-../DSE08XA4	22	2250	-
1.1	220	47.5	2.6	6.48	BG20-../DSE08XA4	22	2250	-
1.1	210	50	2.6	6.73	BG20-../DSE08XA4	22	2350	2100
1.1	175	60	2.3	8.02	BG20-../DSE08XA4	22	2500	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1



1.1 kW

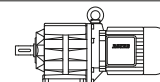
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
1.1	169	62	1.95	8.29	BG20-../DSE08XA4	22	2250	-
1.1	158	66	2.2	8.91	BG20-../DSE08XA4	22	2600	-
1.1	146	71	1.7	9.65	BG20-../DSE08XA4	22	2250	-
1.1	133	78	1.95	10.54	BG20-../DSE08XA4	22	2700	-
1.1	120	87	1.8	11.71	BG20-../DSE08XA4	22	2800	-
1.1	106	99	1.7	13.21	BG20-../DSE08XA4	22	2900	-
1.1	96	109	1.6	14.67	BG20-../DSE08XA4	22	3050	-
1.1	90	116	1.55	15.58	BG20-../DSE08XA4	22	3100	-
1.1	81	129	1.4	17.31	BG20-../DSE08XA4	22	3200	-
1.1	71	147	1.35	19.95	BG20-../DSE08XA4	22	3350	-
1.1	64	164	1.2	22.16	BG20-../DSE08XA4	22	3500	-
1.1	61	172	1.15	23.22	BG20-../DSE08XA4	22	3550	-
1.1	55	191	1.05	25.79	BG20-../DSE08XA4	22	3700	-
1.1	51	205	0.98	27.85	BG20-../DSE08XA4	22	3800	-
1.1	45.5	230	0.87	30.94	BG20-../DSE08XA4	22	4000	-
1.1	42.5	245	0.82	33.33	BG20-../DSE08XA4	22	4100	-
1.1	119	88	3.1	11.82	BG30-../DSE08XA4	26	3200	-
1.1	102	102	2.9	13.77	BG30-../DSE08XA4	26	3150	-
1.1	92	114	2.6	15.27	BG30-../DSE08XA4	26	3450	-
1.1	83	126	2.4	17.06	BG30-../DSE08XA4	26	3700	-
1.1	74	141	2.1	18.93	BG30-../DSE08XA4	26	4100	-
1.1	71	147	2.0	19.99	BG30-../DSE08XA4	26	4200	-
1.1	64	164	1.85	22.18	BG30-../DSE08XA4	26	4600	-
1.1	56	187	1.6	25.45	BG30-../DSE08XA4	26	4850	-
1.1	50	210	1.45	28.24	BG30-../DSE08XA4	26	5100	-
1.1	47	220	1.35	29.83	BG30-../DSE08XA4	26	5200	-
1.1	42.5	245	1.2	33.09	BG30-../DSE08XA4	26	5400	-
1.1	40	260	1.15	35.17	BG30-../DSE08XA4	26	5500	-
1.1	36	290	1.05	39.02	BG30-../DSE08XA4	26	5800	-
1.1	33	315	0.95	42.46	BG30-../DSE08XA4	26	5900	-
1.1	30	350	0.86	47.11	BG30-../DSE08XA4	26	6000	-
1.1	77	136	3.1	18.19	BG40-../DSE08XA4	41	5600	-
1.1	71	147	2.9	19.84	BG40-../DSE08XA4	41	5800	-
1.1	64	164	2.6	22.02	BG40-../DSE08XA4	41	6000	-
1.1	60	175	2.4	23.43	BG40-../DSE08XA4	41	6200	-
1.1	54	194	2.2	26.01	BG40-../DSE08XA4	41	6500	-
1.1	48	215	2.0	29.34	BG40-../DSE08XA4	41	6800	-
1.1	43	240	1.75	32.57	BG40-../DSE08XA4	41	7000	-
1.1	41	255	1.65	34.20	BG40-../DSE08XA4	41	7000	-
1.1	37	280	1.5	37.96	BG40-../DSE08XA4	41	7000	-
1.1	35	300	1.4	40.19	BG40-../DSE08XA4	41	7000	-
1.1	31.5	330	1.3	44.62	BG40-../DSE08XA4	41	7000	-
1.1	29	360	1.2	48.36	BG40-../DSE08XA4	41	7000	-
1.1	26.5	395	1.1	53.69	BG40-../DSE08XA4	41	7000	-
1.1	23.5	445	0.96	59.64	BG40-../DSE08XA4	41	7000	-
1.1	21.5	485	0.88	66.20	BG40-../DSE08XA4	41	7000	-
1.1	21	500	0.85	67.74	BG40Z-../DSE08XA4	44	7000	-
1.1	47.5	220	2.9	29.62	BG50-../DSE08XA4	48	8000	-
1.1	43	240	2.6	32.84	BG50-../DSE08XA4	48	8700	-
1.1	37	280	2.3	37.89	BG50-../DSE08XA4	48	10000	-
1.1	33.5	310	2.0	42.00	BG50-../DSE08XA4	48	10000	-
1.1	30	350	1.8	47.02	BG50-../DSE08XA4	48	10000	-
1.1	27	385	1.65	52.12	BG50-../DSE08XA4	48	10000	-
1.1	24	435	1.45	59.42	BG50-../DSE08XA4	48	10000	-
1.1	21.5	485	1.3	65.86	BG50-../DSE08XA4	48	10000	-
1.1	19.5	530	1.2	71.97	BG50Z-../DSE08XA4	53	10000	-
1.1	18	580	1.1	79.78	BG50Z-../DSE08XA4	53	10000	-
1.1	15	700	0.9	95.58	BG50Z-../DSE08XA4	53	10000	-
1.1	13.5	770	0.82	106.0	BG50Z-../DSE08XA4	53	10000	-
1.1	20.5	510	2.4	68.32	BG60Z-../DSE08XA4	98	16000	-
1.1	18.5	560	2.1	75.71	BG60Z-../DSE08XA4	98	16000	-
1.1	15.5	670	1.8	91.09	BG60Z-../DSE08XA4	98	16000	-
1.1	14	750	1.6	101.0	BG60Z-../DSE08XA4	98	16000	-
1.1	12	870	1.4	119.2	BG60Z-../DSE08XA4	98	16000	-
1.1	11	950	1.25	132.1	BG60Z-../DSE08XA4	98	16000	-
1.1	8.9	1180	1.0	158.0	BG60Z-../DSE08XA4	98	16000	-

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

BG-series helical-geared motors

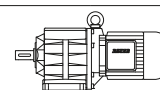
Selection helical-geared motors DSE - IE1

1.1 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
1.1	8.0	1310	0.92	175.1	BG60Z-../DSE08XA4	98	16000	-
1.1	15	700	3.3	95.74	BG70Z-../DSE08XA4	138	20000	-
1.1	12.5	840	2.7	113.6	BG70Z-../DSE08XA4	138	20000	-
1.1	11.5	910	2.5	124.0	BG70Z-../DSE08XA4	138	20000	-
1.1	9.6	1090	2.1	147.2	BG70Z-../DSE08XA4	138	20000	-
1.1	8.6	1220	1.9	163.8	BG70Z-../DSE08XA4	138	20000	-
1.1	7.3	1430	1.6	194.4	BG70Z-../DSE08XA4	138	20000	-
1.1	6.7	1560	1.45	210.5	BG70Z-../DSE08XA4	138	20000	-
1.1	5.7	1840	1.25	249.8	BG70Z-../DSE08XA4	138	20000	-
1.1	5.5	1800	1.4	255.5	BG70G20-../DSE08XA4	136	20000	-
1.1	5.1	1940	1.3	276.7	BG70G20-../DSE08XA4	136	20000	-
1.1	4.3	2300	1.1	328.4	BG70G20-../DSE08XA4	136	20000	-
1.1	3.7	2650	0.94	387.6	BG70G20-../DSE08XA4	136	20000	-
1.1	3.4	2950	0.85	417.8	BG70G20-../DSE08XA4	136	20000	-
1.1	6.2	1410	3.3	227.2	BG80G40-../DSE08XA4	217	26000	-
1.1	5.6	1560	2.9	252.3	BG80G40-../DSE08XA4	217	26000	-
1.1	5.0	1790	2.6	282.8	BG80G40-../DSE08XA4	217	26000	-
1.1	4.5	1990	2.3	314.0	BG80G40-../DSE08XA4	217	26000	-
1.1	3.9	2350	1.95	360.0	BG80G40-../DSE08XA4	217	26000	-
1.1	3.6	2500	1.85	399.8	BG80G40-../DSE08XA4	217	26000	-
1.1	3.3	2800	1.65	436.2	BG80G40-../DSE08XA4	217	26000	-
1.1	2.9	3200	1.45	484.3	BG80G40-../DSE08XA4	217	26000	-
1.1	2.5	3800	1.2	572.0	BG80G40-../DSE08XA4	217	26000	-
1.1	2.2	4250	1.1	657.8	BG80G40-../DSE08XA4	217	26000	-
1.1	2.0	4750	0.97	730.3	BG80G40-../DSE08XA4	217	26000	-
1.1	1.8	5300	0.87	817.4	BG80G40-../DSE08XA4	217	26000	-
1.1	3.3	2750	3.3	435.8	BG90G50-../DSE08XA4	327	65000	-
1.1	2.8	3250	2.8	504.7	BG90G50-../DSE08XA4	327	65000	-
1.1	2.4	3800	2.4	588.8	BG90G50-../DSE08XA4	327	65000	-
1.1	2.2	4150	2.2	644.7	BG90G50-../DSE08XA4	327	65000	-
1.1	2.0	4600	2.0	714.2	BG90G50-../DSE08XA4	327	65000	-
1.1	1.6	5800	1.6	883.7	BG90G50-../DSE08XA4	327	65000	-
1.1	1.2	8000	1.15	1174	BG90G50-../DSE08XA4	327	65000	-
1.1	1.1	8800	1.05	1301	BG90G50-../DSE08XA4	327	65000	-
1.1	1.4	6100	3.0	1043	BG100G50-../DSE08XA4	514	90000	-
1.1	1.2	7100	2.6	1204	BG100G50-../DSE08XA4	514	90000	-
1.1	1.0	9100	2.0	1444	BG100G50-../DSE08XA4	514	90000	-
1.1	0.85	10700	1.75	1678	BG100G50-../DSE08XA4	514	90000	-
1.1	0.75	12200	1.5	1867	BG100G50-../DSE08XA4	514	90000	-
1.1	0.65	14100	1.3	2154	BG100G50-../DSE08XA4	514	90000	-
1.1	0.55	16700	1.1	2656	BG100G50-../DSE08XA4	514	90000	-

1.5 kW

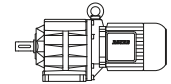


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
1.5	570	25	2.2	2.52	BG10-../DSE09LA4	26	570	790
1.5	420	34	1.8	3.42	BG10-../DSE09LA4	26	630	880
1.5	330	43	1.6	4.36	BG10-../DSE09LA4	26	650	910
1.5	270	53	1.4	5.34	BG10-../DSE09LA4	26	620	910
1.5	210	68	1.3	6.89	BG10-../DSE09LA4	26	850	1200
1.5	187	76	1.15	7.63	BG10-../DSE09LA4	26	900	1250
1.5	176	81	1.1	8.07	BG10-../DSE09LA4	26	660	920
1.5	153	93	1.05	9.33	BG10-../DSE09LA4	26	950	1330
1.5	138	103	0.96	10.34	BG10-../DSE09LA4	26	1000	1400
1.5	120	119	0.88	11.92	BG10-../DSE09LA4	26	1030	1440
1.5	108	132	0.83	13.21	BG10-../DSE09LA4	26	1070	1490
1.5	430	33	2.8	3.33	BG20-../DSE09LA4	28	1830	-
1.5	325	44	2.4	4.38	BG20-../DSE09LA4	28	1990	-
1.5	260	55	2.1	5.49	BG20-../DSE09LA4	28	2100	-
1.5	235	60	2.1	6.06	BG20-../DSE09LA4	28	2250	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1



1.5 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
1.5	220	65	1.9	6.48	BG20-../DSE09LA4	28	2250	-
1.5	215	66	1.95	6.73	BG20-../DSE09LA4	28	2350	2100
1.5	178	80	1.7	8.02	BG20-../DSE09LA4	28	2500	-
1.5	172	83	1.45	8.29	BG20-../DSE09LA4	28	2250	-
1.5	160	89	1.6	8.91	BG20-../DSE09LA4	28	2600	-
1.5	148	96	1.25	9.65	BG20-../DSE09LA4	28	2250	-
1.5	135	106	1.45	10.54	BG20-../DSE09LA4	28	2700	-
1.5	122	117	1.35	11.71	BG20-../DSE09LA4	28	2800	-
1.5	108	132	1.25	13.21	BG20-../DSE09LA4	28	2900	-
1.5	97	147	1.15	14.67	BG20-../DSE09LA4	28	3050	-
1.5	92	155	1.15	15.58	BG20-../DSE09LA4	28	3100	-
1.5	83	172	1.05	17.31	BG20-../DSE09LA4	28	3200	-
1.5	72	198	0.98	19.95	BG20-../DSE09LA4	28	3350	-
1.5	65	220	0.91	22.16	BG20-../DSE09LA4	28	3500	-
1.5	62	230	0.87	23.22	BG20-../DSE09LA4	28	3550	-
1.5	215	66	3.3	6.75	BG30-../DSE09LA4	33	1760	-
1.5	190	75	3.1	7.50	BG30-../DSE09LA4	33	2750	-
1.5	180	79	2.7	7.91	BG30-../DSE09LA4	33	1760	-
1.5	166	86	2.9	8.60	BG30-../DSE09LA4	33	2800	-
1.5	149	96	2.6	9.55	BG30-../DSE09LA4	33	3000	-
1.5	134	106	2.5	10.65	BG30-../DSE09LA4	33	2950	-
1.5	121	118	2.3	11.82	BG30-../DSE09LA4	33	3200	-
1.5	104	137	2.1	13.77	BG30-../DSE09LA4	33	3150	-
1.5	93	154	1.95	15.27	BG30-../DSE09LA4	33	3450	-
1.5	84	170	1.75	17.06	BG30-../DSE09LA4	33	3700	-
1.5	76	188	1.6	18.93	BG30-../DSE09LA4	33	4100	-
1.5	72	198	1.5	19.99	BG30-../DSE09LA4	33	4200	-
1.5	65	220	1.35	22.18	BG30-../DSE09LA4	33	4600	-
1.5	56	255	1.2	25.45	BG30-../DSE09LA4	33	4850	-
1.5	51	280	1.05	28.24	BG30-../DSE09LA4	33	5100	-
1.5	48	295	1.0	29.83	BG30-../DSE09LA4	33	5200	-
1.5	43	330	0.91	33.09	BG30-../DSE09LA4	33	5400	-
1.5	40.5	350	0.86	35.17	BG30-../DSE09LA4	33	5500	-
1.5	158	90	3.3	9.00	BG40-../DSE09LA4	47	2650	-
1.5	111	129	3.2	12.86	BG40-../DSE09LA4	47	4500	-
1.5	100	143	2.9	14.28	BG40-../DSE09LA4	47	4900	-
1.5	87	164	2.6	16.39	BG40-../DSE09LA4	47	5300	-
1.5	79	181	2.3	18.19	BG40-../DSE09LA4	47	5600	-
1.5	72	198	2.1	19.84	BG40-../DSE09LA4	47	5800	-
1.5	65	220	1.95	22.02	BG40-../DSE09LA4	47	6000	-
1.5	61	230	1.85	23.43	BG40-../DSE09LA4	47	6200	-
1.5	55	260	1.65	26.01	BG40-../DSE09LA4	47	6500	-
1.5	48.5	295	1.45	29.34	BG40-../DSE09LA4	47	6800	-
1.5	44	325	1.3	32.57	BG40-../DSE09LA4	47	7000	-
1.5	42	340	1.25	34.20	BG40-../DSE09LA4	47	7000	-
1.5	37.5	380	1.1	37.96	BG40-../DSE09LA4	47	7000	-
1.5	35.5	400	1.05	40.19	BG40-../DSE09LA4	47	7000	-
1.5	32	445	0.96	44.62	BG40-../DSE09LA4	47	7000	-
1.5	29.5	485	0.88	48.36	BG40-../DSE09LA4	47	7000	-
1.5	65	220	2.9	21.96	BG50-../DSE09LA4	55	8000	-
1.5	59	240	2.6	24.34	BG50-../DSE09LA4	55	8700	-
1.5	48	295	2.1	29.62	BG50-../DSE09LA4	55	8000	-
1.5	43.5	325	1.95	32.84	BG50-../DSE09LA4	55	8700	-
1.5	37.5	380	1.65	37.89	BG50-../DSE09LA4	55	10000	-
1.5	34	420	1.5	42.00	BG50-../DSE09LA4	55	10000	-
1.5	30.5	465	1.35	47.02	BG50-../DSE09LA4	55	10000	-
1.5	27.5	520	1.2	52.12	BG50-../DSE09LA4	55	10000	-
1.5	24	590	1.05	59.42	BG50-../DSE09LA4	55	10000	-
1.5	22	650	0.97	65.86	BG50-../DSE09LA4	55	10000	-
1.5	20	710	0.89	71.97	BG50Z-../DSE09LA4	60	10000	-
1.5	18	790	0.8	79.78	BG50Z-../DSE09LA4	60	10000	-
1.5	37	385	3.1	38.85	BG60-../DSE09LA4	86	16000	-
1.5	33	430	2.8	43.05	BG60-../DSE09LA4	86	16000	-
1.5	28.5	500	2.4	50.31	BG60-../DSE09LA4	86	16000	-
1.5	25.5	560	2.1	55.76	BG60-../DSE09LA4	86	16000	-
1.5	23.5	600	2.0	60.90	BG60-../DSE09LA4	86	16000	-

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

BG-series helical-geared motors

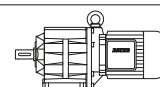
Selection helical-geared motors DSE - IE1

1.5 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
1.5	21.5	660	1.8	67.49	BG60-../DSE09LA4	86	16000	-
1.5	21	680	1.75	68.32	BG60Z-../DSE09LA4	105	16000	-
1.5	19	750	1.6	75.71	BG60Z-../DSE09LA4	105	16000	-
1.5	16	890	1.35	91.09	BG60Z-../DSE09LA4	105	16000	-
1.5	14.5	980	1.2	101.0	BG60Z-../DSE09LA4	105	16000	-
1.5	12	1190	1.0	119.2	BG60Z-../DSE09LA4	105	16000	-
1.5	11	1300	0.92	132.1	BG60Z-../DSE09LA4	105	16000	-
1.5	19.5	730	3.2	73.82	BG70Z-../DSE09LA4	145	20000	-
1.5	16.5	860	2.7	87.61	BG70Z-../DSE09LA4	145	20000	-
1.5	15	950	2.4	95.74	BG70Z-../DSE09LA4	145	20000	-
1.5	12.5	1140	2.0	113.6	BG70Z-../DSE09LA4	145	20000	-
1.5	11.5	1240	1.85	124.0	BG70Z-../DSE09LA4	145	20000	-
1.5	9.7	1470	1.55	147.2	BG70Z-../DSE09LA4	145	20000	-
1.5	8.7	1640	1.4	163.8	BG70Z-../DSE09LA4	145	20000	-
1.5	7.4	1930	1.2	194.4	BG70Z-../DSE09LA4	145	20000	-
1.5	6.8	2100	1.1	210.5	BG70Z-../DSE09LA4	145	20000	-
1.5	5.7	2500	0.92	249.8	BG70Z-../DSE09LA4	145	20000	-
1.5	5.6	2450	1.0	255.5	BG70G20-../DSE09LA4	142	20000	-
1.5	5.2	2600	0.96	276.7	BG70G20-../DSE09LA4	142	20000	-
1.5	4.4	3100	0.81	328.4	BG70G20-../DSE09LA4	142	20000	-
1.5	9.8	1460	2.9	145.4	BG80Z-../DSE09LA4	213	26000	-
1.5	8.8	1620	2.6	161.5	BG80Z-../DSE09LA4	213	26000	-
1.5	7.7	1860	2.3	186.8	BG80Z-../DSE09LA4	213	26000	-
1.5	6.9	2050	2.0	207.4	BG80Z-../DSE09LA4	213	26000	-
1.5	6.3	1990	2.3	227.2	BG80G40-../DSE09LA4	224	26000	-
1.5	5.7	2200	2.1	252.3	BG80G40-../DSE09LA4	224	26000	-
1.5	5.1	2500	1.85	282.8	BG80G40-../DSE09LA4	224	26000	-
1.5	4.6	2750	1.65	314.0	BG80G40-../DSE09LA4	224	26000	-
1.5	4.0	3200	1.45	360.0	BG80G40-../DSE09LA4	224	26000	-
1.5	3.6	3600	1.3	399.8	BG80G40-../DSE09LA4	224	26000	-
1.5	3.3	4000	1.15	436.2	BG80G40-../DSE09LA4	224	26000	-
1.5	3.0	4350	1.05	484.3	BG80G40-../DSE09LA4	224	26000	-
1.5	2.5	5300	0.87	572.0	BG80G40-../DSE09LA4	224	26000	-
1.5	4.0	3100	3.0	360.3	BG90G50-../DSE09LA4	334	65000	-
1.5	3.3	3950	2.3	435.8	BG90G50-../DSE09LA4	334	65000	-
1.5	2.9	4450	2.1	504.7	BG90G50-../DSE09LA4	334	65000	-
1.5	2.5	5100	1.8	588.8	BG90G50-../DSE09LA4	334	65000	-
1.5	2.3	5600	1.65	644.7	BG90G50-../DSE09LA4	334	65000	-
1.5	2.0	6500	1.4	714.2	BG90G50-../DSE09LA4	334	65000	-
1.5	1.7	7700	1.2	883.7	BG90G50-../DSE09LA4	334	65000	-
1.5	1.3	10300	0.89	1174	BG90G50-../DSE09LA4	334	65000	-
1.5	2.5	5700	3.2	591.1	BG100Z-../DSE09LA4	522	90000	-
1.5	2.2	6500	2.8	658.1	BG100Z-../DSE09LA4	522	90000	-
1.5	1.9	7500	2.5	759.0	BG100Z-../DSE09LA4	522	90000	-
1.5	1.7	8400	2.2	845.1	BG100Z-../DSE09LA4	522	90000	-
1.5	1.5	7900	2.3	976.1	BG100G50-../DSE09LA4	521	90000	-
1.5	1.4	8800	2.1	1043	BG100G50-../DSE09LA4	521	90000	-
1.5	1.2	10300	1.8	1204	BG100G50-../DSE09LA4	521	90000	-
1.5	1.0	12900	1.45	1444	BG100G50-../DSE09LA4	521	90000	-
1.5	0.85	15200	1.2	1678	BG100G50-../DSE09LA4	521	90000	-
1.5	0.8	16100	1.15	1867	BG100G50-../DSE09LA4	521	90000	-
1.5	0.7	18400	1.0	2154	BG100G50-../DSE09LA4	521	90000	-

2.2 kW

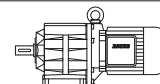


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
2.2	570	36.5	1.55	2.52	BG10-../DSE09XA4	30	570	790
2.2	420	50	1.25	3.42	BG10-../DSE09XA4	30	630	880
2.2	330	63	1.1	4.36	BG10-../DSE09XA4	30	650	910
2.2	270	77	0.97	5.34	BG10-../DSE09XA4	30	620	910
2.2	210	100	0.88	6.89	BG10-../DSE09XA4	30	850	1200

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1



2.2 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
2.2	570	36.5	2.3	2.52	BG20-../DSE09XA4	32	1650	-
2.2	430	48.5	1.9	3.33	BG20-../DSE09XA4	32	1830	-
2.2	325	64	1.65	4.38	BG20-../DSE09XA4	32	1990	-
2.2	260	80	1.45	5.49	BG20-../DSE09XA4	32	2100	-
2.2	235	89	1.4	6.06	BG20-../DSE09XA4	32	2250	-
2.2	220	95	1.3	6.48	BG20-../DSE09XA4	32	2250	-
2.2	215	97	1.35	6.73	BG20-../DSE09XA4	32	2350	2100
2.2	178	118	1.15	8.02	BG20-../DSE09XA4	32	2500	-
2.2	172	122	1.0	8.29	BG20-../DSE09XA4	32	2250	-
2.2	160	131	1.1	8.91	BG20-../DSE09XA4	32	2600	-
2.2	148	141	0.87	9.65	BG20-../DSE09XA4	32	2250	-
2.2	135	155	0.99	10.54	BG20-../DSE09XA4	32	2700	-
2.2	122	172	0.92	11.71	BG20-../DSE09XA4	32	2800	-
2.2	108	194	0.86	13.21	BG20-../DSE09XA4	32	2900	-
2.2	97	215	0.8	14.67	BG20-../DSE09XA4	32	3050	-
2.2	540	38.5	3.3	2.67	BG30-../DSE09XA4	37	1450	-
2.2	420	50	2.8	3.40	BG30-../DSE09XA4	37	1580	-
2.2	340	61	2.8	4.21	BG30-../DSE09XA4	37	1630	-
2.2	265	79	2.5	5.44	BG30-../DSE09XA4	37	1670	-
2.2	215	97	2.3	6.76	BG30-../DSE09XA4	37	2550	-
2.2	190	110	2.1	7.50	BG30-../DSE09XA4	37	2750	-
2.2	180	116	1.85	7.91	BG30-../DSE09XA4	37	1760	-
2.2	166	126	1.95	8.60	BG30-../DSE09XA4	37	2800	-
2.2	149	141	1.8	9.55	BG30-../DSE09XA4	37	3000	-
2.2	134	156	1.7	10.65	BG30-../DSE09XA4	37	2950	-
2.2	121	173	1.6	11.82	BG30-../DSE09XA4	37	3200	-
2.2	104	200	1.45	13.77	BG30-../DSE09XA4	37	3150	-
2.2	93	225	1.35	15.27	BG30-../DSE09XA4	37	3450	-
2.2	84	250	1.2	17.06	BG30-../DSE09XA4	37	3700	-
2.2	76	275	1.1	18.93	BG30-../DSE09XA4	37	4100	-
2.2	72	290	1.05	19.99	BG30-../DSE09XA4	37	4200	-
2.2	65	320	0.94	22.18	BG30-../DSE09XA4	37	4600	-
2.2	56	375	0.8	25.45	BG30-../DSE09XA4	37	4850	-
2.2	230	91	3.2	6.29	BG40-../DSE09XA4	51	2600	-
2.2	200	105	3.1	7.11	BG40-../DSE09XA4	51	3950	-
2.2	187	112	2.6	7.62	BG40-../DSE09XA4	51	2650	-
2.2	171	122	2.8	8.31	BG40-../DSE09XA4	51	4100	-
2.2	158	132	2.2	9.00	BG40-../DSE09XA4	51	2650	-
2.2	154	136	2.6	9.23	BG40-../DSE09XA4	51	4350	-
2.2	138	152	2.5	10.35	BG40-../DSE09XA4	51	4350	-
2.2	124	169	2.3	11.49	BG40-../DSE09XA4	51	4600	-
2.2	111	189	2.2	12.86	BG40-../DSE09XA4	51	4500	-
2.2	100	210	2.0	14.28	BG40-../DSE09XA4	51	4900	-
2.2	87	240	1.75	16.39	BG40-../DSE09XA4	51	5300	-
2.2	79	265	1.6	18.19	BG40-../DSE09XA4	51	5600	-
2.2	72	290	1.45	19.84	BG40-../DSE09XA4	51	5800	-
2.2	65	320	1.35	22.02	BG40-../DSE09XA4	51	6000	-
2.2	61	340	1.25	23.43	BG40-../DSE09XA4	51	6200	-
2.2	55	380	1.1	26.01	BG40-../DSE09XA4	51	6500	-
2.2	48.5	430	0.99	29.34	BG40-../DSE09XA4	51	6800	-
2.2	44	475	0.89	32.57	BG40-../DSE09XA4	51	7000	-
2.2	42	500	0.85	34.20	BG40-../DSE09XA4	51	7000	-
2.2	118	178	3.2	12.06	BG50-../DSE09XA4	59	5700	-
2.2	107	196	3.0	13.36	BG50-../DSE09XA4	59	6100	-
2.2	86	240	2.6	16.53	BG50-../DSE09XA4	59	6500	-
2.2	78	265	2.4	18.33	BG50-../DSE09XA4	59	7200	-
2.2	65	320	1.95	21.96	BG50-../DSE09XA4	59	8000	-
2.2	59	355	1.75	24.34	BG50-../DSE09XA4	59	8700	-
2.2	48	435	1.45	29.62	BG50-../DSE09XA4	59	8000	-
2.2	43.5	480	1.3	32.84	BG50-../DSE09XA4	59	8700	-
2.2	37.5	560	1.15	37.89	BG50-../DSE09XA4	59	10000	-
2.2	34	610	1.05	42.00	BG50-../DSE09XA4	59	10000	-
2.2	30.5	680	0.93	47.02	BG50-../DSE09XA4	59	10000	-
2.2	27.5	760	0.83	52.12	BG50-../DSE09XA4	59	10000	-
2.2	58	360	3.3	24.82	BG60-../DSE09XA4	90	13800	-
2.2	48.5	430	2.8	29.31	BG60-../DSE09XA4	90	14800	-

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

BG-series helical-geared motors

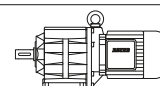
Selection helical-geared motors DSE - IE1

2.2 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
2.2	44	475	2.5	32.48	BG60-../DSE09XA4	90	15400	-
2.2	37	560	2.1	38.85	BG60-../DSE09XA4	90	16000	-
2.2	33	630	1.9	43.05	BG60-../DSE09XA4	90	16000	-
2.2	28.5	730	1.65	50.31	BG60-../DSE09XA4	90	16000	-
2.2	25.5	820	1.45	55.76	BG60-../DSE09XA4	90	16000	-
2.2	23.5	890	1.35	60.90	BG60-../DSE09XA4	90	16000	-
2.2	21.5	970	1.25	67.49	BG60-../DSE09XA4	90	16000	-
2.2	21	1000	1.2	68.32	BG60Z-../DSE09XA4	109	16000	-
2.2	19	1100	1.1	75.71	BG60Z-../DSE09XA4	109	16000	-
2.2	16	1310	0.92	91.09	BG60Z-../DSE09XA4	109	16000	-
2.2	14.5	1440	0.83	101.0	BG60Z-../DSE09XA4	109	16000	-
2.2	28.5	730	3.2	50.40	BG70-../DSE09XA4	128	20000	-
2.2	24	870	2.6	59.82	BG70-../DSE09XA4	128	20000	-
2.2	22	950	2.4	64.85	BG70Z-../DSE09XA4	149	20000	-
2.2	19.5	1070	2.1	73.82	BG70Z-../DSE09XA4	149	20000	-
2.2	16.5	1270	1.8	87.61	BG70Z-../DSE09XA4	149	20000	-
2.2	15	1400	1.65	95.74	BG70Z-../DSE09XA4	149	20000	-
2.2	12.5	1680	1.35	113.6	BG70Z-../DSE09XA4	149	20000	-
2.2	11.5	1820	1.25	124.0	BG70Z-../DSE09XA4	149	20000	-
2.2	9.7	2150	1.05	147.2	BG70Z-../DSE09XA4	149	20000	-
2.2	8.7	2400	0.96	163.8	BG70Z-../DSE09XA4	149	20000	-
2.2	7.4	2800	0.82	194.4	BG70Z-../DSE09XA4	149	20000	-
2.2	15.5	1350	3.1	93.89	BG80Z-../DSE09XA4	217	26000	-
2.2	13	1610	2.6	112.4	BG80Z-../DSE09XA4	217	26000	-
2.2	11.5	1820	2.3	124.8	BG80Z-../DSE09XA4	217	26000	-
2.2	9.8	2100	2.0	145.4	BG80Z-../DSE09XA4	217	26000	-
2.2	8.8	2350	1.8	161.5	BG80Z-../DSE09XA4	217	26000	-
2.2	7.7	2700	1.55	186.8	BG80Z-../DSE09XA4	217	26000	-
2.2	6.9	3000	1.4	207.4	BG80Z-../DSE09XA4	217	26000	-
2.2	6.3	3050	1.5	227.2	BG80G40-../DSE09XA4	228	26000	-
2.2	5.7	3350	1.35	252.3	BG80G40-../DSE09XA4	228	26000	-
2.2	5.1	3800	1.2	282.8	BG80G40-../DSE09XA4	228	26000	-
2.2	4.6	4200	1.1	314.0	BG80G40-../DSE09XA4	228	26000	-
2.2	4.0	4900	0.94	360.0	BG80G40-../DSE09XA4	228	26000	-
2.2	3.6	5400	0.85	399.8	BG80G40-../DSE09XA4	228	26000	-
2.2	8.0	2600	3.2	178.5	BG90Z-../DSE09XA4	327	65000	-
2.2	6.9	3000	2.8	208.3	BG90Z-../DSE09XA4	327	65000	-
2.2	6.3	3300	2.5	228.1	BG90Z-../DSE09XA4	327	65000	-
2.2	5.5	3350	2.7	262.5	BG90G50-../DSE09XA4	338	65000	-
2.2	4.8	4050	2.3	298.8	BG90G50-../DSE09XA4	338	65000	-
2.2	4.0	4750	1.95	360.3	BG90G50-../DSE09XA4	338	65000	-
2.2	3.3	5900	1.55	435.8	BG90G50-../DSE09XA4	338	65000	-
2.2	2.9	6700	1.35	504.7	BG90G50-../DSE09XA4	338	65000	-
2.2	2.5	7800	1.2	588.8	BG90G50-../DSE09XA4	338	65000	-
2.2	2.3	8500	1.1	644.7	BG90G50-../DSE09XA4	338	65000	-
2.2	2.0	9800	0.94	714.2	BG90G50-../DSE09XA4	338	65000	-
2.2	3.2	6500	2.8	456.7	BG100Z-../DSE09XA4	526	90000	-
2.2	2.8	7500	2.5	508.5	BG100Z-../DSE09XA4	526	90000	-
2.2	2.5	8400	2.2	591.1	BG100Z-../DSE09XA4	526	90000	-
2.2	2.2	9500	1.95	658.1	BG100Z-../DSE09XA4	526	90000	-
2.2	1.9	11000	1.7	759.0	BG100Z-../DSE09XA4	526	90000	-
2.2	1.7	12300	1.5	845.1	BG100Z-../DSE09XA4	526	90000	-
2.2	1.5	12400	1.5	976.1	BG100G50-../DSE09XA4	525	90000	-
2.2	1.4	13600	1.35	1043	BG100G50-../DSE09XA4	525	90000	-
2.2	1.2	15900	1.15	1204	BG100G50-../DSE09XA4	525	90000	-
2.2	1.0	19600	0.94	1444	BG100G50-../DSE09XA4	525	90000	-

3 kW



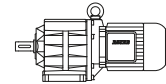
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
3	540	53	2.4	2.67	BG30-../DSE11SA4	46	1450	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

3 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
3	420	68	2.0	3.40	BG30-../DSE11SA4	46	1580	-
3	340	84	2.0	4.21	BG30-../DSE11SA4	46	1630	-
3	265	108	1.85	5.44	BG30-../DSE11SA4	46	1670	-
3	215	133	1.7	6.76	BG30-../DSE11SA4	46	2550	-
3	190	150	1.55	7.50	BG30-../DSE11SA4	46	2750	-
3	180	159	1.35	7.91	BG30-../DSE11SA4	46	1760	-
3	166	172	1.45	8.60	BG30-../DSE11SA4	46	2800	-
3	149	192	1.3	9.55	BG30-../DSE11SA4	46	3000	-
3	134	210	1.25	10.65	BG30-../DSE11SA4	46	2950	-
3	121	235	1.15	11.82	BG30-../DSE11SA4	46	3200	-
3	104	275	1.05	13.77	BG30-../DSE11SA4	46	3150	-
3	93	305	0.98	15.27	BG30-../DSE11SA4	46	3450	-
3	84	340	0.88	17.06	BG30-../DSE11SA4	46	3700	-
3	76	375	0.8	18.93	BG30-../DSE11SA4	46	4100	-
3	360	79	3.1	3.97	BG40-../DSE11SA4	65	2400	-
3	290	98	2.7	4.94	BG40-../DSE11SA4	65	2450	-
3	230	124	2.4	6.29	BG40-../DSE11SA4	65	2600	-
3	225	127	2.5	6.40	BG40-../DSE11SA4	65	3750	-
3	200	143	2.3	7.11	BG40-../DSE11SA4	65	3950	-
3	187	153	1.95	7.62	BG40-../DSE11SA4	65	2650	-
3	171	167	2.1	8.31	BG40-../DSE11SA4	65	4100	-
3	158	181	1.65	9.00	BG40-../DSE11SA4	65	2650	-
3	154	186	1.9	9.23	BG40-../DSE11SA4	65	4350	-
3	138	205	1.85	10.35	BG40-../DSE11SA4	65	4350	-
3	124	230	1.7	11.49	BG40-../DSE11SA4	65	4600	-
3	111	255	1.6	12.86	BG40-../DSE11SA4	65	4500	-
3	100	285	1.5	14.28	BG40-../DSE11SA4	65	4900	-
3	87	325	1.3	16.39	BG40-../DSE11SA4	65	5300	-
3	79	360	1.2	18.19	BG40-../DSE11SA4	65	5600	-
3	72	395	1.1	19.84	BG40-../DSE11SA4	65	5800	-
3	65	440	0.97	22.02	BG40-../DSE11SA4	65	6000	-
3	61	465	0.91	23.43	BG40-../DSE11SA4	65	6200	-
3	55	520	0.82	26.01	BG40-../DSE11SA4	65	6500	-
3	164	174	2.9	8.70	BG50-../DSE11SA4	75	5300	-
3	148	193	2.7	9.65	BG50-../DSE11SA4	75	5600	-
3	118	240	2.4	12.06	BG50-../DSE11SA4	75	5700	-
3	107	265	2.2	13.36	BG50-../DSE11SA4	75	6100	-
3	86	330	1.9	16.53	BG50-../DSE11SA4	75	6500	-
3	78	365	1.75	18.33	BG50-../DSE11SA4	75	7200	-
3	65	440	1.45	21.96	BG50-../DSE11SA4	75	8000	-
3	59	485	1.3	24.34	BG50-../DSE11SA4	75	8700	-
3	48	590	1.05	29.62	BG50-../DSE11SA4	75	8000	-
3	43.5	650	0.97	32.84	BG50-../DSE11SA4	75	8700	-
3	37.5	760	0.83	37.89	BG50-../DSE11SA4	75	10000	-
3	85	335	3.3	16.80	BG60-../DSE11SA4	107	12000	-
3	77	370	3.1	18.62	BG60-../DSE11SA4	107	12400	-
3	64	445	2.7	22.40	BG60-../DSE11SA4	107	13300	-
3	58	490	2.4	24.82	BG60-../DSE11SA4	107	13800	-
3	48.5	590	2.0	29.31	BG60-../DSE11SA4	107	14800	-
3	44	650	1.85	32.48	BG60-../DSE11SA4	107	15400	-
3	37	770	1.55	38.85	BG60-../DSE11SA4	107	16000	-
3	33	860	1.4	43.05	BG60-../DSE11SA4	107	16000	-
3	28.5	1000	1.2	50.31	BG60-../DSE11SA4	107	16000	-
3	25.5	1120	1.05	55.76	BG60-../DSE11SA4	107	16000	-
3	23.5	1210	0.99	60.90	BG60-../DSE11SA4	107	16000	-
3	21.5	1330	0.9	67.49	BG60-../DSE11SA4	107	16000	-
3	21	1360	0.88	68.32	BG60Z-../DSE11SA4	123	16000	-
3	19	1500	0.8	75.71	BG60Z-../DSE11SA4	123	16000	-
3	40.5	700	3.3	35.24	BG70-../DSE11SA4	138	18300	-
3	36.5	780	2.9	39.22	BG70-../DSE11SA4	138	19100	-
3	31	920	2.5	46.54	BG70-../DSE11SA4	138	20000	-
3	28.5	1000	2.3	50.40	BG70-../DSE11SA4	138	20000	-
3	24	1190	1.95	59.82	BG70-../DSE11SA4	138	20000	-
3	22	1300	1.75	64.85	BG70Z-../DSE11SA4	164	20000	-
3	19.5	1460	1.6	73.82	BG70Z-../DSE11SA4	164	20000	-
3	16.5	1730	1.35	87.61	BG70Z-../DSE11SA4	164	20000	-

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

BG-series helical-geared motors

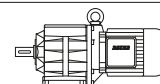
Selection helical-geared motors DSE - IE1

3 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
3	15	1910	1.2	95.74	BG70Z-../DSE11SA4	164	20000	-
3	12.5	2250	1.0	113.6	BG70Z-../DSE11SA4	164	20000	-
3	11.5	2450	0.94	124.0	BG70Z-../DSE11SA4	164	20000	-
3	22.5	1270	3.3	63.56	BG80-../DSE11SA4	192	26000	-
3	21.5	1330	3.2	66.40	BG80Z-../DSE11SA4	234	26000	-
3	19.5	1460	2.9	73.73	BG80Z-../DSE11SA4	234	26000	-
3	17	1680	2.5	84.55	BG80Z-../DSE11SA4	234	26000	-
3	15.5	1840	2.3	93.89	BG80Z-../DSE11SA4	234	26000	-
3	13	2200	1.9	112.4	BG80Z-../DSE11SA4	234	26000	-
3	11.5	2450	1.7	124.8	BG80Z-../DSE11SA4	234	26000	-
3	9.8	2900	1.45	145.4	BG80Z-../DSE11SA4	234	26000	-
3	8.8	3250	1.3	161.5	BG80Z-../DSE11SA4	234	26000	-
3	7.7	3700	1.15	186.8	BG80Z-../DSE11SA4	234	26000	-
3	6.9	4150	1.0	207.4	BG80Z-../DSE11SA4	234	26000	-
3	6.3	4250	1.1	227.2	BG80G40-../DSE11SA4	242	26000	-
3	5.7	4700	0.98	252.3	BG80G40-../DSE11SA4	242	26000	-
3	5.1	5300	0.87	282.8	BG80G40-../DSE11SA4	242	26000	-
3	10.5	2700	3.1	139.2	BG90Z-../DSE11SA4	336	65000	-
3	8.8	3250	2.6	163.0	BG90Z-../DSE11SA4	336	65000	-
3	8.0	3550	2.4	178.5	BG90Z-../DSE11SA4	336	65000	-
3	6.9	4150	2.0	208.3	BG90Z-../DSE11SA4	336	65000	-
3	6.3	4500	1.85	228.1	BG90Z-../DSE11SA4	336	65000	-
3	5.5	4750	1.95	262.5	BG90G50-../DSE11SA4	353	65000	-
3	4.8	5600	1.65	298.8	BG90G50-../DSE11SA4	353	65000	-
3	4.0	6600	1.4	360.3	BG90G50-../DSE11SA4	353	65000	-
3	3.3	8200	1.1	435.8	BG90G50-../DSE11SA4	353	65000	-
3	2.9	9300	0.99	504.7	BG90G50-../DSE11SA4	353	65000	-
3	2.5	10800	0.85	588.8	BG90G50-../DSE11SA4	353	65000	-
3	5.5	5200	3.2	259.0	BG100-../DSE11SA4	453	90000	-
3	4.8	5900	3.1	300.4	BG100Z-../DSE11SA4	543	90000	-
3	4.2	6800	2.7	343.6	BG100Z-../DSE11SA4	543	90000	-
3	3.8	7500	2.5	382.6	BG100Z-../DSE11SA4	543	90000	-
3	3.2	8900	2.1	456.7	BG100Z-../DSE11SA4	543	90000	-
3	2.8	10200	1.8	508.5	BG100Z-../DSE11SA4	543	90000	-
3	2.5	11400	1.6	591.1	BG100Z-../DSE11SA4	543	90000	-
3	2.2	13000	1.4	658.1	BG100Z-../DSE11SA4	543	90000	-
3	1.9	15000	1.25	759.0	BG100Z-../DSE11SA4	543	90000	-
3	1.7	16800	1.1	845.1	BG100Z-../DSE11SA4	543	90000	-
3	1.5	17500	1.05	976.1	BG100G50-../DSE11SA4	540	90000	-
3	1.4	19000	0.97	1043	BG100G50-../DSE11SA4	540	90000	-
3	1.2	22200	0.83	1204	BG100G50-../DSE11SA4	540	90000	-

4 kW



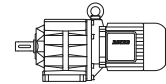
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
4	540	70	1.85	2.67	BG30-../DSE11MA4	46	1450	-
4	420	90	1.55	3.40	BG30-../DSE11MA4	46	1580	-
4	340	112	1.55	4.21	BG30-../DSE11MA4	46	1630	-
4	265	144	1.4	5.44	BG30-../DSE11MA4	46	1670	-
4	215	177	1.3	6.76	BG30-../DSE11MA4	46	2550	-
4	190	200	1.15	7.50	BG30-../DSE11MA4	46	2750	-
4	180	210	1.05	7.91	BG30-../DSE11MA4	46	1760	-
4	166	230	1.05	8.60	BG30-../DSE11MA4	46	2800	-
4	149	255	1.0	9.55	BG30-../DSE11MA4	46	3000	-
4	134	285	0.93	10.65	BG30-../DSE11MA4	46	2950	-
4	121	315	0.87	11.82	BG30-../DSE11MA4	46	3200	-
4	104	365	0.81	13.77	BG30-../DSE11MA4	46	3150	-
4	580	65	3.1	2.46	BG40-../DSE11MA4	65	2150	-
4	450	84	2.7	3.19	BG40-../DSE11MA4	65	2350	-
4	360	106	2.3	3.97	BG40-../DSE11MA4	65	2400	-
4	290	131	2.0	4.94	BG40-../DSE11MA4	65	2450	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

4 kW



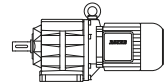
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
4	230	166	1.8	6.29	BG40-../DSE11MA4	65	2600	-
4	225	169	1.85	6.40	BG40-../DSE11MA4	65	3750	-
4	200	191	1.7	7.11	BG40-../DSE11MA4	65	3950	-
4	187	200	1.5	7.62	BG40-../DSE11MA4	65	2650	-
4	171	220	1.55	8.31	BG40-../DSE11MA4	65	4100	-
4	158	240	1.25	9.00	BG40-../DSE11MA4	65	2650	-
4	154	245	1.45	9.23	BG40-../DSE11MA4	65	4350	-
4	138	275	1.35	10.35	BG40-../DSE11MA4	65	4350	-
4	124	305	1.3	11.49	BG40-../DSE11MA4	65	4600	-
4	111	340	1.2	12.86	BG40-../DSE11MA4	65	4500	-
4	100	380	1.1	14.28	BG40-../DSE11MA4	65	4900	-
4	87	435	0.98	16.39	BG40-../DSE11MA4	65	5300	-
4	79	480	0.89	18.19	BG40-../DSE11MA4	65	5600	-
4	72	530	0.8	19.84	BG40-../DSE11MA4	65	5800	-
4	290	131	3.0	4.91	BG50-../DSE11MA4	75	3500	-
4	235	162	2.7	6.07	BG50-../DSE11MA4	75	4700	-
4	215	177	2.5	6.74	BG50-../DSE11MA4	75	3750	-
4	164	230	2.2	8.70	BG50-../DSE11MA4	75	5300	-
4	148	255	2.1	9.65	BG50-../DSE11MA4	75	5600	-
4	118	320	1.8	12.06	BG50-../DSE11MA4	75	5700	-
4	107	355	1.65	13.36	BG50-../DSE11MA4	75	6100	-
4	86	440	1.45	16.53	BG50-../DSE11MA4	75	6500	-
4	78	485	1.3	18.33	BG50-../DSE11MA4	75	7200	-
4	65	580	1.1	21.96	BG50-../DSE11MA4	75	8000	-
4	59	640	0.98	24.34	BG50-../DSE11MA4	75	8700	-
4	48	790	0.8	29.62	BG50-../DSE11MA4	75	8000	-
4	117	325	3.0	12.16	BG60-../DSE11MA4	107	10800	-
4	106	360	2.8	13.47	BG60-../DSE11MA4	107	11200	-
4	85	445	2.5	16.80	BG60-../DSE11MA4	107	12000	-
4	77	495	2.3	18.62	BG60-../DSE11MA4	107	12400	-
4	64	590	2.0	22.40	BG60-../DSE11MA4	107	13300	-
4	58	650	1.85	24.82	BG60-../DSE11MA4	107	13800	-
4	48.5	780	1.55	29.31	BG60-../DSE11MA4	107	14800	-
4	44	860	1.4	32.48	BG60-../DSE11MA4	107	15400	-
4	37	1030	1.15	38.85	BG60-../DSE11MA4	107	16000	-
4	33	1150	1.05	43.05	BG60-../DSE11MA4	107	16000	-
4	28.5	1340	0.9	50.31	BG60-../DSE11MA4	107	16000	-
4	25.5	1490	0.81	55.76	BG60-../DSE11MA4	107	16000	-
4	53	720	3.2	27.21	BG70-../DSE11MA4	138	16400	-
4	48	790	2.9	29.69	BG70-../DSE11MA4	138	16900	-
4	40.5	940	2.4	35.24	BG70-../DSE11MA4	138	18300	-
4	36.5	1040	2.2	39.22	BG70-../DSE11MA4	138	19100	-
4	31	1230	1.85	46.54	BG70-../DSE11MA4	138	20000	-
4	28.5	1340	1.7	50.40	BG70-../DSE11MA4	138	20000	-
4	24	1590	1.45	59.82	BG70-../DSE11MA4	138	20000	-
4	22	1730	1.35	64.85	BG70Z-../DSE11MA4	164	20000	-
4	19.5	1950	1.2	73.82	BG70Z-../DSE11MA4	164	20000	-
4	16.5	2300	1.0	87.61	BG70Z-../DSE11MA4	164	20000	-
4	15	2500	0.92	95.74	BG70Z-../DSE11MA4	164	20000	-
4	29.5	1290	3.3	48.80	BG80-../DSE11MA4	192	23800	-
4	25	1520	2.8	57.24	BG80-../DSE11MA4	192	25400	-
4	22.5	1690	2.5	63.56	BG80-../DSE11MA4	192	26000	-
4	21.5	1770	2.4	66.40	BG80Z-../DSE11MA4	234	26000	-
4	19.5	1950	2.2	73.73	BG80Z-../DSE11MA4	234	26000	-
4	17	2200	1.9	84.55	BG80Z-../DSE11MA4	234	26000	-
4	15.5	2450	1.7	93.89	BG80Z-../DSE11MA4	234	26000	-
4	13	2900	1.45	112.4	BG80Z-../DSE11MA4	234	26000	-
4	11.5	3300	1.25	124.8	BG80Z-../DSE11MA4	234	26000	-
4	9.8	3850	1.1	145.4	BG80Z-../DSE11MA4	234	26000	-
4	8.8	4300	0.98	161.5	BG80Z-../DSE11MA4	234	26000	-
4	7.7	4950	0.85	186.8	BG80Z-../DSE11MA4	234	26000	-
4	6.3	5700	0.81	227.2	BG80G40-../DSE11MA4	242	26000	-
4	13.5	2800	3.0	105.7	BG90Z-../DSE11MA4	336	65000	-
4	11.5	3300	2.5	127.1	BG90Z-../DSE11MA4	336	65000	-
4	10.5	3600	2.3	139.2	BG90Z-../DSE11MA4	336	65000	-

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

BG-series helical-geared motors

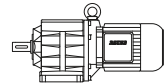
Selection helical-geared motors DSE - IE1

4 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
4	8.8	4300	1.95	163.0	BG90Z-../DSE11MA4	336	65000	-
4	8.0	4750	1.75	178.5	BG90Z-../DSE11MA4	336	65000	-
4	6.9	5500	1.55	208.3	BG90Z-../DSE11MA4	336	65000	-
4	6.3	6000	1.4	228.1	BG90Z-../DSE11MA4	336	65000	-
4	5.5	6500	1.4	262.5	BG90G50-../DSE11MA4	353	65000	-
4	4.8	7600	1.2	298.8	BG90G50-../DSE11MA4	353	65000	-
4	4.0	9000	1.0	360.3	BG90G50-../DSE11MA4	353	65000	-
4	3.3	11100	0.83	435.8	BG90G50-../DSE11MA4	353	65000	-
4	7.2	5300	3.2	198.8	BG100-../DSE11MA4	453	90000	-
4	6.2	6100	2.8	232.6	BG100-../DSE11MA4	453	90000	-
4	5.5	6900	2.4	259.0	BG100-../DSE11MA4	453	90000	-
4	5.3	7200	2.6	269.8	BG100Z-../DSE11MA4	543	90000	-
4	4.8	7900	2.3	300.4	BG100Z-../DSE11MA4	543	90000	-
4	4.2	9000	2.1	343.6	BG100Z-../DSE11MA4	543	90000	-
4	3.8	10000	1.85	382.6	BG100Z-../DSE11MA4	543	90000	-
4	3.2	11900	1.55	456.7	BG100Z-../DSE11MA4	543	90000	-
4	2.8	13600	1.35	508.5	BG100Z-../DSE11MA4	543	90000	-
4	2.5	15200	1.2	591.1	BG100Z-../DSE11MA4	543	90000	-
4	2.2	17300	1.05	658.1	BG100Z-../DSE11MA4	543	90000	-
4	1.9	20100	0.92	759.0	BG100Z-../DSE11MA4	543	90000	-
4	1.7	22400	0.83	845.1	BG100Z-../DSE11MA4	543	90000	-

5.5 kW

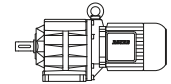


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
5.5	540	97	1.3	2.67	BG30-../DSE11LA4	58	1450	-
5.5	420	125	1.1	3.40	BG30-../DSE11LA4	58	1580	-
5.5	340	154	1.1	4.21	BG30-../DSE11LA4	58	1630	-
5.5	265	198	1.0	5.44	BG30-../DSE11LA4	58	1670	-
5.5	215	240	0.94	6.76	BG30-../DSE11LA4	58	2550	-
5.5	190	275	0.84	7.50	BG30-../DSE11LA4	58	2750	-
5.5	580	90	2.2	2.46	BG40-../DSE11LA4	77	2150	-
5.5	450	116	1.95	3.19	BG40-../DSE11LA4	77	2350	-
5.5	360	145	1.7	3.97	BG40-../DSE11LA4	77	2400	-
5.5	290	181	1.5	4.94	BG40-../DSE11LA4	77	2450	-
5.5	230	225	1.3	6.29	BG40-../DSE11LA4	77	2600	-
5.5	225	230	1.35	6.40	BG40-../DSE11LA4	77	3750	-
5.5	200	260	1.25	7.11	BG40-../DSE11LA4	77	3950	-
5.5	187	280	1.05	7.62	BG40-../DSE11LA4	77	2650	-
5.5	171	305	1.15	8.31	BG40-../DSE11LA4	77	4100	-
5.5	158	330	0.89	9.00	BG40-../DSE11LA4	77	2650	-
5.5	154	340	1.05	9.23	BG40-../DSE11LA4	77	4350	-
5.5	138	380	0.99	10.35	BG40-../DSE11LA4	77	4350	-
5.5	124	420	0.93	11.49	BG40-../DSE11LA4	77	4600	-
5.5	111	470	0.87	12.86	BG40-../DSE11LA4	77	4500	-
5.5	100	520	0.81	14.28	BG40-../DSE11LA4	77	4900	-
5.5	400	131	2.6	3.55	BG50-../DSE11LA4	86	3300	-
5.5	290	181	2.2	4.91	BG50-../DSE11LA4	86	3500	-
5.5	235	220	2.0	6.07	BG50-../DSE11LA4	86	4700	-
5.5	215	240	1.9	6.74	BG50-../DSE11LA4	86	3750	-
5.5	164	320	1.6	8.70	BG50-../DSE11LA4	86	5300	-
5.5	148	350	1.5	9.65	BG50-../DSE11LA4	86	5600	-
5.5	118	445	1.3	12.06	BG50-../DSE11LA4	86	5700	-
5.5	107	490	1.2	13.36	BG50-../DSE11LA4	86	6100	-
5.5	86	610	1.05	16.53	BG50-../DSE11LA4	86	6500	-
5.5	78	670	0.94	18.33	BG50-../DSE11LA4	86	7200	-
5.5	210	250	3.1	6.88	BG60-../DSE11LA4	119	8600	-
5.5	156	335	2.7	9.13	BG60-../DSE11LA4	119	9800	-
5.5	141	370	2.5	10.12	BG60-../DSE11LA4	119	10200	-
5.5	117	445	2.2	12.16	BG60-../DSE11LA4	119	10800	-
5.5	106	495	2.1	13.47	BG60-../DSE11LA4	119	11200	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1



5.5 kW

P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
5.5	85	610	1.8	16.80	BG60-../DSE11LA4	119	12000	-
5.5	77	680	1.7	18.62	BG60-../DSE11LA4	119	12400	-
5.5	64	820	1.45	22.40	BG60-../DSE11LA4	119	13300	-
5.5	58	900	1.35	24.82	BG60-../DSE11LA4	119	13800	-
5.5	48.5	1080	1.1	29.31	BG60-../DSE11LA4	119	14800	-
5.5	44	1190	1.0	32.48	BG60-../DSE11LA4	119	15400	-
5.5	37	1410	0.85	38.85	BG60-../DSE11LA4	119	16000	-
5.5	68	770	3.0	20.98	BG70-../DSE11LA4	149	14600	-
5.5	62	840	2.7	22.92	BG70-../DSE11LA4	149	15100	-
5.5	53	990	2.3	27.21	BG70-../DSE11LA4	149	16400	-
5.5	48	1090	2.1	29.69	BG70-../DSE11LA4	149	16900	-
5.5	40.5	1290	1.8	35.24	BG70-../DSE11LA4	149	18300	-
5.5	36.5	1430	1.6	39.22	BG70-../DSE11LA4	149	19100	-
5.5	31	1690	1.35	46.54	BG70-../DSE11LA4	149	20000	-
5.5	28.5	1840	1.25	50.40	BG70-../DSE11LA4	149	20000	-
5.5	24	2150	1.05	59.82	BG70-../DSE11LA4	149	20000	-
5.5	22	2350	0.98	64.85	BG70Z-../DSE11LA4	176	20000	-
5.5	19.5	2650	0.87	73.82	BG70Z-../DSE11LA4	176	20000	-
5.5	41.5	1260	3.3	34.22	BG80-../DSE11LA4	204	20200	-
5.5	37.5	1400	3.0	38.00	BG80-../DSE11LA4	204	21300	-
5.5	32.5	1610	2.6	43.94	BG80-../DSE11LA4	204	22600	-
5.5	29.5	1780	2.4	48.80	BG80-../DSE11LA4	204	23800	-
5.5	25	2100	2.0	57.24	BG80-../DSE11LA4	204	25400	-
5.5	22.5	2300	1.85	63.56	BG80-../DSE11LA4	204	26000	-
5.5	21.5	2400	1.75	66.40	BG80Z-../DSE11LA4	246	26000	-
5.5	19.5	2650	1.6	73.73	BG80Z-../DSE11LA4	246	26000	-
5.5	17	3050	1.4	84.55	BG80Z-../DSE11LA4	246	26000	-
5.5	15.5	3350	1.25	93.89	BG80Z-../DSE11LA4	246	26000	-
5.5	13	4000	1.05	112.4	BG80Z-../DSE11LA4	246	26000	-
5.5	11.5	4550	0.92	124.8	BG80Z-../DSE11LA4	246	26000	-
5.5	25	2100	3.2	57.04	BG90Z-../DSE11LA4	348	65000	-
5.5	23	2250	3.3	62.47	BG90Z-../DSE11LA4	348	65000	-
5.5	19	2750	3.1	76.61	BG90Z-../DSE11LA4	348	65000	-
5.5	17	3050	2.8	83.91	BG90Z-../DSE11LA4	348	65000	-
5.5	15	3500	2.4	96.53	BG90Z-../DSE11LA4	348	65000	-
5.5	13.5	3850	2.2	105.7	BG90Z-../DSE11LA4	348	65000	-
5.5	11.5	4550	1.85	127.1	BG90Z-../DSE11LA4	348	65000	-
5.5	10.5	5000	1.7	139.2	BG90Z-../DSE11LA4	348	65000	-
5.5	8.8	5900	1.4	163.0	BG90Z-../DSE11LA4	348	65000	-
5.5	8.0	6500	1.3	178.5	BG90Z-../DSE11LA4	348	65000	-
5.5	6.9	7600	1.1	208.3	BG90Z-../DSE11LA4	348	65000	-
5.5	6.3	8300	1.0	228.1	BG90Z-../DSE11LA4	348	65000	-
5.5	5.5	9100	1.0	262.5	BG90G50-../DSE11LA4	365	65000	-
5.5	4.8	10600	0.87	298.8	BG90G50-../DSE11LA4	365	65000	-
5.5	9.2	5700	2.9	154.8	BG100-../DSE11LA4	465	90000	-
5.5	8.0	6500	2.6	178.6	BG100-../DSE11LA4	465	90000	-
5.5	7.2	7200	2.3	198.8	BG100-../DSE11LA4	465	90000	-
5.5	6.2	8400	2.0	232.6	BG100-../DSE11LA4	465	90000	-
5.5	5.5	9500	1.75	259.0	BG100-../DSE11LA4	465	90000	-
5.5	5.3	9900	1.85	269.8	BG100Z-../DSE11LA4	555	90000	-
5.5	4.8	10900	1.7	300.4	BG100Z-../DSE11LA4	555	90000	-
5.5	4.2	12500	1.5	343.6	BG100Z-../DSE11LA4	555	90000	-
5.5	3.8	13800	1.35	382.6	BG100Z-../DSE11LA4	555	90000	-
5.5	3.2	16400	1.15	456.7	BG100Z-../DSE11LA4	555	90000	-
5.5	2.8	18700	0.99	508.5	BG100Z-../DSE11LA4	555	90000	-
5.5	2.5	21000	0.88	591.1	BG100Z-../DSE11LA4	555	90000	-

6

7.5 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
7.5	590	121	2.5	2.47	BG50-../DSE13MA4	98	2900	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

7.5 kW



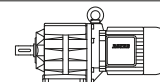
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
7.5	410	174	2.0	3.55	BG50-../DSE13MA4	98	3300	-
7.5	295	240	1.65	4.91	BG50-../DSE13MA4	98	3500	-
7.5	240	295	1.5	6.07	BG50-../DSE13MA4	98	4700	-
7.5	215	330	1.35	6.74	BG50-../DSE13MA4	98	3750	-
7.5	166	430	1.2	8.70	BG50-../DSE13MA4	98	5300	-
7.5	150	475	1.1	9.65	BG50-../DSE13MA4	98	5600	-
7.5	120	590	0.98	12.06	BG50-../DSE13MA4	98	5700	-
7.5	108	660	0.9	13.36	BG50-../DSE13MA4	98	6100	-
7.5	390	183	3.3	3.74	BG60-../DSE13MA4	132	7100	-
7.5	290	245	2.8	4.98	BG60-../DSE13MA4	132	7800	-
7.5	235	300	2.6	6.16	BG60-../DSE13MA4	132	8500	-
7.5	215	330	2.4	6.82	BG60-../DSE13MA4	132	8900	-
7.5	210	340	2.3	6.88	BG60-../DSE13MA4	132	8600	-
7.5	158	450	1.95	9.13	BG60-../DSE13MA4	132	9800	-
7.5	143	500	1.8	10.12	BG60-../DSE13MA4	132	10200	-
7.5	119	600	1.65	12.16	BG60-../DSE13MA4	132	10800	-
7.5	107	660	1.55	13.47	BG60-../DSE13MA4	132	11200	-
7.5	86	830	1.35	16.80	BG60-../DSE13MA4	132	12000	-
7.5	78	910	1.25	18.62	BG60-../DSE13MA4	132	12400	-
7.5	65	1100	1.1	22.40	BG60-../DSE13MA4	132	13300	-
7.5	59	1210	0.99	24.82	BG60-../DSE13MA4	132	13800	-
7.5	49.5	1440	0.83	29.31	BG60-../DSE13MA4	132	14800	-
7.5	93	770	3.0	15.53	BG70-../DSE13MA4	162	12700	-
7.5	82	870	2.6	17.68	BG70-../DSE13MA4	162	13400	-
7.5	69	1030	2.2	20.98	BG70-../DSE13MA4	162	14600	-
7.5	63	1130	2.0	22.92	BG70-../DSE13MA4	162	15100	-
7.5	53	1350	1.7	27.21	BG70-../DSE13MA4	162	16400	-
7.5	49	1460	1.6	29.69	BG70-../DSE13MA4	162	16900	-
7.5	41	1740	1.3	35.24	BG70-../DSE13MA4	162	18300	-
7.5	37	1930	1.2	39.22	BG70-../DSE13MA4	162	19100	-
7.5	31	2300	1.0	46.54	BG70-../DSE13MA4	162	20000	-
7.5	29	2450	0.94	50.40	BG70-../DSE13MA4	162	20000	-
7.5	55	1300	3.2	26.44	BG80-../DSE13MA4	216	17900	-
7.5	49.5	1440	2.9	29.36	BG80-../DSE13MA4	216	18900	-
7.5	42.5	1680	2.5	34.22	BG80-../DSE13MA4	216	20200	-
7.5	38	1880	2.2	38.00	BG80-../DSE13MA4	216	21300	-
7.5	33	2150	1.95	43.94	BG80-../DSE13MA4	216	22600	-
7.5	30	2350	1.8	48.80	BG80-../DSE13MA4	216	23800	-
7.5	25.5	2800	1.5	57.24	BG80-../DSE13MA4	216	25400	-
7.5	23	3100	1.35	63.56	BG80-../DSE13MA4	216	26000	-
7.5	22	3250	1.3	66.40	BG80Z-../DSE13MA4	259	26000	-
7.5	20	3550	1.2	73.73	BG80Z-../DSE13MA4	259	26000	-
7.5	17.5	4050	1.05	84.55	BG80Z-../DSE13MA4	259	26000	-
7.5	15.5	4600	0.91	93.89	BG80Z-../DSE13MA4	259	26000	-
7.5	27	2650	3.2	53.46	BG90-../DSE13MA4	305	65000	-
7.5	25.5	2800	2.4	57.04	BG90Z-../DSE13MA4	361	65000	-
7.5	23.5	3000	2.5	62.47	BG90Z-../DSE13MA4	361	65000	-
7.5	19	3750	2.2	76.61	BG90Z-../DSE13MA4	361	65000	-
7.5	17.5	4050	2.1	83.91	BG90Z-../DSE13MA4	361	65000	-
7.5	15	4750	1.75	96.53	BG90Z-../DSE13MA4	361	65000	-
7.5	14	5100	1.65	105.7	BG90Z-../DSE13MA4	361	65000	-
7.5	11.5	6200	1.35	127.1	BG90Z-../DSE13MA4	361	65000	-
7.5	10.5	6800	1.25	139.2	BG90Z-../DSE13MA4	361	65000	-
7.5	8.9	8000	1.05	163.0	BG90Z-../DSE13MA4	361	65000	-
7.5	8.1	8800	0.95	178.5	BG90Z-../DSE13MA4	361	65000	-
7.5	7.0	10200	0.82	208.3	BG90Z-../DSE13MA4	361	65000	-
7.5	6.6	10500	0.88	219.9	BG90G50-../DSE13MA4	377	65000	-
7.5	13.5	5300	3.2	107.5	BG100-../DSE13MA4	477	90000	-
7.5	12.5	5700	2.9	119.7	BG100-../DSE13MA4	477	90000	-
7.5	10.5	6800	2.5	139.1	BG100-../DSE13MA4	477	90000	-
7.5	9.4	7600	2.2	154.8	BG100-../DSE13MA4	477	90000	-
7.5	8.1	8800	1.9	178.6	BG100-../DSE13MA4	477	90000	-
7.5	7.3	9800	1.7	198.8	BG100-../DSE13MA4	477	90000	-
7.5	6.2	11500	1.45	232.6	BG100-../DSE13MA4	477	90000	-
7.5	5.6	12700	1.3	259.0	BG100-../DSE13MA4	477	90000	-

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

BG-series helical-geared motors

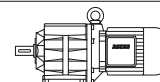
Selection helical-geared motors DSE - IE1

7.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
7.5	5.4	13200	1.4	269.8	BG100Z-../DSE13MA4	568	90000	-
7.5	4.8	14900	1.25	300.4	BG100Z-../DSE13MA4	568	90000	-
7.5	4.2	17000	1.1	343.6	BG100Z-../DSE13MA4	568	90000	-
7.5	3.8	18800	0.98	382.6	BG100Z-../DSE13MA4	568	90000	-
7.5	3.2	22300	0.83	456.7	BG100Z-../DSE13MA4	568	90000	-

9.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
9.5	590	153	2.0	2.47	BG50-../DSE13LA4	101	2900	-
9.5	410	220	1.6	3.55	BG50-../DSE13LA4	101	3300	-
9.5	295	305	1.3	4.91	BG50-../DSE13LA4	101	3500	-
9.5	240	375	1.2	6.07	BG50-../DSE13LA4	101	4700	-
9.5	215	420	1.05	6.74	BG50-../DSE13LA4	101	3750	-
9.5	166	540	0.94	8.70	BG50-../DSE13LA4	101	5300	-
9.5	150	600	0.87	9.65	BG50-../DSE13LA4	101	5600	-
9.5	390	230	2.7	3.74	BG60-../DSE13LA4	135	7100	-
9.5	290	310	2.2	4.98	BG60-../DSE13LA4	135	7800	-
9.5	235	385	2.0	6.16	BG60-../DSE13LA4	135	8500	-
9.5	215	420	1.9	6.82	BG60-../DSE13LA4	135	8900	-
9.5	210	430	1.8	6.88	BG60-../DSE13LA4	135	8600	-
9.5	158	570	1.55	9.13	BG60-../DSE13LA4	135	9800	-
9.5	143	630	1.45	10.12	BG60-../DSE13LA4	135	10200	-
9.5	119	760	1.3	12.16	BG60-../DSE13LA4	135	10800	-
9.5	107	840	1.2	13.47	BG60-../DSE13LA4	135	11200	-
9.5	86	1050	1.05	16.80	BG60-../DSE13LA4	135	12000	-
9.5	78	1160	0.99	18.62	BG60-../DSE13LA4	135	12400	-
9.5	65	1390	0.86	22.40	BG60-../DSE13LA4	135	13300	-
9.5	121	740	3.1	11.97	BG70-../DSE13LA4	165	11200	-
9.5	111	810	2.8	13.08	BG70-../DSE13LA4	165	11600	-
9.5	93	970	2.4	15.53	BG70-../DSE13LA4	165	12700	-
9.5	82	1100	2.1	17.68	BG70-../DSE13LA4	165	13400	-
9.5	69	1310	1.75	20.98	BG70-../DSE13LA4	165	14600	-
9.5	63	1440	1.6	22.92	BG70-../DSE13LA4	165	15100	-
9.5	53	1710	1.35	27.21	BG70-../DSE13LA4	165	16400	-
9.5	49	1850	1.25	29.69	BG70-../DSE13LA4	165	16900	-
9.5	41	2200	1.05	35.24	BG70-../DSE13LA4	165	18300	-
9.5	37	2450	0.94	39.22	BG70-../DSE13LA4	165	19100	-
9.5	66	1370	3.1	22.09	BG80-../DSE13LA4	219	16500	-
9.5	55	1640	2.6	26.44	BG80-../DSE13LA4	219	17900	-
9.5	49.5	1830	2.3	29.36	BG80-../DSE13LA4	219	18900	-
9.5	42.5	2100	2.0	34.22	BG80-../DSE13LA4	219	20200	-
9.5	38	2350	1.8	38.00	BG80-../DSE13LA4	219	21300	-
9.5	33	2700	1.55	43.94	BG80-../DSE13LA4	219	22600	-
9.5	30	3000	1.4	48.80	BG80-../DSE13LA4	219	23800	-
9.5	25.5	3550	1.2	57.24	BG80-../DSE13LA4	219	25400	-
9.5	23	3900	1.1	63.56	BG80-../DSE13LA4	219	26000	-
9.5	22	4100	1.0	66.40	BG80Z-../DSE13LA4	262	26000	-
9.5	20	4500	0.93	73.73	BG80Z-../DSE13LA4	262	26000	-
9.5	17.5	5100	0.82	84.55	BG80Z-../DSE13LA4	262	26000	-
9.5	34.5	2600	3.2	41.85	BG90-../DSE13LA4	308	65000	-
9.5	29.5	3050	2.8	48.82	BG90-../DSE13LA4	308	65000	-
9.5	27	3350	2.5	53.46	BG90-../DSE13LA4	308	65000	-
9.5	25.5	3550	1.9	57.04	BG90Z-../DSE13LA4	364	65000	-
9.5	23.5	3850	1.95	62.47	BG90Z-../DSE13LA4	364	65000	-
9.5	19	4750	1.75	76.61	BG90Z-../DSE13LA4	364	65000	-
9.5	17.5	5100	1.65	83.91	BG90Z-../DSE13LA4	364	65000	-
9.5	15	6000	1.4	96.53	BG90Z-../DSE13LA4	364	65000	-
9.5	14	6400	1.3	105.7	BG90Z-../DSE13LA4	364	65000	-
9.5	11.5	7800	1.1	127.1	BG90Z-../DSE13LA4	364	65000	-
9.5	10.5	8600	0.98	139.2	BG90Z-../DSE13LA4	364	65000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

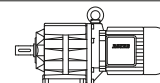
9.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
9.5	8.9	10100	0.83	163.0	BG90Z-../DSE13LA4	364	65000	-
9.5	18	5000	3.3	80.85	BG100-../DSE13LA4	480	90000	-
9.5	16	5600	3.0	90.02	BG100-../DSE13LA4	480	90000	-
9.5	13.5	6700	2.5	107.5	BG100-../DSE13LA4	480	90000	-
9.5	12.5	7200	2.3	119.7	BG100-../DSE13LA4	480	90000	-
9.5	10.5	8600	1.95	139.1	BG100-../DSE13LA4	480	90000	-
9.5	9.4	9600	1.75	154.8	BG100-../DSE13LA4	480	90000	-
9.5	8.1	11200	1.5	178.6	BG100-../DSE13LA4	480	90000	-
9.5	7.3	12400	1.35	198.8	BG100-../DSE13LA4	480	90000	-
9.5	6.2	14600	1.15	232.6	BG100-../DSE13LA4	480	90000	-
9.5	5.6	16200	1.05	259.0	BG100-../DSE13LA4	480	90000	-
9.5	5.4	16800	1.1	269.8	BG100Z-../DSE13LA4	571	90000	-
9.5	4.8	18900	0.98	300.4	BG100Z-../DSE13LA4	571	90000	-
9.5	4.2	21600	0.86	343.6	BG100Z-../DSE13LA4	571	90000	-

6

11 kW



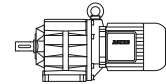
P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
11	600	175	1.75	2.47	BG50-../DSE16MB4	125	2900	-
11	415	250	1.4	3.55	BG50-../DSE16MB4	125	3300	-
11	300	350	1.15	4.91	BG50-../DSE16MB4	125	3500	-
11	245	425	1.05	6.07	BG50-../DSE16MB4	125	4700	-
11	220	475	0.95	6.74	BG50-../DSE16MB4	125	3750	-
11	168	620	0.82	8.70	BG50-../DSE16MB4	125	5300	-
11	580	181	3.0	2.52	BG60-../DSE16MB4	159	6200	-
11	395	265	2.3	3.74	BG60-../DSE16MB4	159	7100	-
11	295	355	1.95	4.98	BG60-../DSE16MB4	159	7800	-
11	240	435	1.75	6.16	BG60-../DSE16MB4	159	8500	-
11	215	485	1.6	6.88	BG60-../DSE16MB4	159	8600	-
11	160	650	1.35	9.13	BG60-../DSE16MB4	159	9800	-
11	145	720	1.25	10.12	BG60-../DSE16MB4	159	10200	-
11	121	860	1.15	12.16	BG60-../DSE16MB4	159	10800	-
11	109	960	1.05	13.47	BG60-../DSE16MB4	159	11200	-
11	87	1200	0.92	16.80	BG60-../DSE16MB4	159	12000	-
11	79	1320	0.87	18.62	BG60-../DSE16MB4	159	12400	-
11	145	720	3.2	10.09	BG70-../DSE16MB4	194	10200	-
11	122	860	2.7	11.97	BG70-../DSE16MB4	194	11200	-
11	112	930	2.5	13.08	BG70-../DSE16MB4	194	11600	-
11	95	1100	2.1	15.53	BG70-../DSE16MB4	194	12700	-
11	83	1260	1.85	17.68	BG70-../DSE16MB4	194	13400	-
11	70	1500	1.55	20.98	BG70-../DSE16MB4	194	14600	-
11	64	1640	1.4	22.92	BG70-../DSE16MB4	194	15100	-
11	54	1940	1.2	27.21	BG70-../DSE16MB4	194	16400	-
11	49.5	2100	1.1	29.69	BG70-../DSE16MB4	194	16900	-
11	41.5	2500	0.92	35.24	BG70-../DSE16MB4	194	18300	-
11	37.5	2800	0.82	39.22	BG70-../DSE16MB4	194	19100	-
11	74	1410	3.0	19.89	BG80-../DSE16MB4	242	15500	-
11	67	1560	2.7	22.09	BG80-../DSE16MB4	242	16500	-
11	56	1870	2.2	26.44	BG80-../DSE16MB4	242	17900	-
11	50	2100	2.0	29.36	BG80-../DSE16MB4	242	18900	-
11	43	2400	1.75	34.22	BG80-../DSE16MB4	242	20200	-
11	38.5	2700	1.55	38.00	BG80-../DSE16MB4	242	21300	-
11	33.5	3100	1.35	43.94	BG80-../DSE16MB4	242	22600	-
11	30	3500	1.2	48.80	BG80-../DSE16MB4	242	23800	-
11	26	4000	1.05	57.24	BG80-../DSE16MB4	242	25400	-
11	23	4550	0.92	63.56	BG80-../DSE16MB4	242	26000	-
11	22	4750	0.88	66.40	BG80Z-../DSE16MB4	286	26000	-
11	20	5200	0.81	73.73	BG80Z-../DSE16MB4	286	26000	-
11	38.5	2700	3.1	38.21	BG90-../DSE16MB4	333	65000	-
11	35	3000	2.8	41.85	BG90-../DSE16MB4	333	65000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

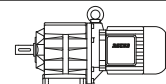
11 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
11	30	3500	2.4	48.82	BG90-../DSE16MB4	333	65000	-
11	27.5	3800	2.2	53.46	BG90-../DSE16MB4	333	65000	-
11	26	4000	1.7	57.04	BG90Z-../DSE16MB4	392	65000	-
11	23.5	4450	1.7	62.47	BG90Z-../DSE16MB4	392	65000	-
11	19.5	5300	1.6	76.61	BG90Z-../DSE16MB4	392	65000	-
11	17.5	6000	1.4	83.91	BG90Z-../DSE16MB4	392	65000	-
11	15.5	6700	1.25	96.53	BG90Z-../DSE16MB4	392	65000	-
11	14	7500	1.1	105.7	BG90Z-../DSE16MB4	392	65000	-
11	11.5	9100	0.92	127.1	BG90Z-../DSE16MB4	392	65000	-
11	10.5	10000	0.84	139.2	BG90Z-../DSE16MB4	392	65000	-
11	21	5000	3.2	70.69	BG100-../DSE16MB4	504	90000	-
11	18.5	5600	3.0	80.85	BG100-../DSE16MB4	504	90000	-
11	16.5	6300	2.7	90.02	BG100-../DSE16MB4	504	90000	-
11	14	7500	2.2	107.5	BG100-../DSE16MB4	504	90000	-
11	12.5	8400	2.0	119.7	BG100-../DSE16MB4	504	90000	-
11	10.5	10000	1.7	139.1	BG100-../DSE16MB4	504	90000	-
11	9.5	11000	1.55	154.8	BG100-../DSE16MB4	504	90000	-
11	8.2	12800	1.3	178.6	BG100-../DSE16MB4	504	90000	-
11	7.4	14100	1.2	198.8	BG100-../DSE16MB4	504	90000	-
11	6.3	16600	1.0	232.6	BG100-../DSE16MB4	504	90000	-
11	5.7	18400	0.91	259.0	BG100-../DSE16MB4	504	90000	-
11	5.5	19100	0.97	269.8	BG100Z-../DSE16MB4	595	90000	-
11	4.9	21400	0.86	300.4	BG100Z-../DSE16MB4	595	90000	-

6

15 kW



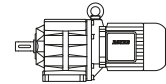
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
15	600	235	1.3	2.47	BG50-../DSE16LB4	138	2900	-
15	415	345	1.0	3.55	BG50-../DSE16LB4	138	3300	-
15	300	475	0.84	4.91	BG50-../DSE16LB4	138	3500	-
15	580	245	2.2	2.52	BG60-../DSE16LB4	172	6200	-
15	395	360	1.7	3.74	BG60-../DSE16LB4	172	7100	-
15	295	485	1.4	4.98	BG60-../DSE16LB4	172	7800	-
15	240	590	1.3	6.16	BG60-../DSE16LB4	172	8500	-
15	215	660	1.2	6.88	BG60-../DSE16LB4	172	8600	-
15	160	890	1.0	9.13	BG60-../DSE16LB4	172	9800	-
15	145	980	0.93	10.12	BG60-../DSE16LB4	172	10200	-
15	121	1180	0.84	12.16	BG60-../DSE16LB4	172	10800	-
15	205	690	3.1	7.14	BG70-../DSE16LB4	206	8800	-
15	173	820	2.8	8.48	BG70-../DSE16LB4	206	9500	-
15	145	980	2.3	10.09	BG70-../DSE16LB4	206	10200	-
15	122	1170	1.95	11.97	BG70-../DSE16LB4	206	11200	-
15	112	1270	1.8	13.08	BG70-../DSE16LB4	206	11600	-
15	95	1500	1.55	15.53	BG70-../DSE16LB4	206	12700	-
15	83	1720	1.35	17.68	BG70-../DSE16LB4	206	13400	-
15	70	2000	1.15	20.98	BG70-../DSE16LB4	206	14600	-
15	64	2200	1.05	22.92	BG70-../DSE16LB4	206	15100	-
15	54	2650	0.87	27.21	BG70-../DSE16LB4	206	16400	-
15	49.5	2850	0.81	29.69	BG70-../DSE16LB4	206	16900	-
15	94	1520	2.8	15.62	BG80-../DSE16LB4	256	13700	-
15	85	1680	2.5	17.35	BG80-../DSE16LB4	256	14600	-
15	74	1930	2.2	19.89	BG80-../DSE16LB4	256	15500	-
15	67	2100	2.0	22.09	BG80-../DSE16LB4	256	16500	-
15	56	2550	1.65	26.44	BG80-../DSE16LB4	256	17900	-
15	50	2850	1.45	29.36	BG80-../DSE16LB4	256	18900	-
15	43	3300	1.25	34.22	BG80-../DSE16LB4	256	20200	-
15	38.5	3700	1.15	38.00	BG80-../DSE16LB4	256	21300	-
15	33.5	4250	0.99	43.94	BG80-../DSE16LB4	256	22600	-
15	30	4750	0.88	48.80	BG80-../DSE16LB4	256	23800	-
15	49.5	2850	2.9	29.78	BG90-../DSE16LB4	346	65000	-

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

BG-series helical-geared motors

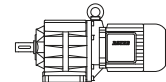
Selection helical-geared motors DSE - IE1

15 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
15	45	3150	2.7	32.62	BG90-../DSE16LB4	346	65000	-
15	38.5	3700	2.3	38.21	BG90-../DSE16LB4	346	65000	-
15	35	4050	2.1	41.85	BG90-../DSE16LB4	346	65000	-
15	30	4750	1.75	48.82	BG90-../DSE16LB4	346	65000	-
15	27.5	5200	1.6	53.46	BG90-../DSE16LB4	346	65000	-
15	26	5500	1.25	57.04	BG90Z-../DSE16LB4	405	65000	-
15	23.5	6000	1.25	62.47	BG90Z-../DSE16LB4	405	65000	-
15	19.5	7300	1.15	76.61	BG90Z-../DSE16LB4	405	65000	-
15	17.5	8100	1.05	83.91	BG90Z-../DSE16LB4	405	65000	-
15	15.5	9200	0.91	96.53	BG90Z-../DSE16LB4	405	65000	-
15	14	10200	0.82	105.7	BG90Z-../DSE16LB4	405	65000	-
15	31.5	4500	3.1	46.43	BG100-../DSE16LB4	516	90000	-
15	28.5	5000	2.9	51.70	BG100-../DSE16LB4	516	90000	-
15	23	6200	2.5	63.49	BG100-../DSE16LB4	516	90000	-
15	21	6800	2.3	70.69	BG100-../DSE16LB4	516	90000	-
15	18.5	7700	2.1	80.85	BG100-../DSE16LB4	516	90000	-
15	16.5	8600	1.95	90.02	BG100-../DSE16LB4	516	90000	-
15	14	10200	1.65	107.5	BG100-../DSE16LB4	516	90000	-
15	12.5	11400	1.45	119.7	BG100-../DSE16LB4	516	90000	-
15	10.5	13600	1.25	139.1	BG100-../DSE16LB4	516	90000	-
15	9.5	15000	1.1	154.8	BG100-../DSE16LB4	516	90000	-
15	8.2	17400	0.97	178.6	BG100-../DSE16LB4	516	90000	-
15	7.4	19300	0.87	198.8	BG100-../DSE16LB4	516	90000	-

18.5 kW



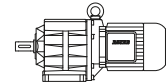
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
18.5	600	290	1.05	2.47	BG50-../DSE16XB4	148	2900	-
18.5	415	425	0.82	3.55	BG50-../DSE16XB4	148	3300	-
18.5	580	300	1.8	2.52	BG60-../DSE16XB4	182	6200	-
18.5	395	445	1.4	3.74	BG60-../DSE16XB4	182	7100	-
18.5	295	590	1.15	4.98	BG60-../DSE16XB4	182	7800	-
18.5	240	730	1.05	6.16	BG60-../DSE16XB4	182	8500	-
18.5	215	820	0.95	6.88	BG60-../DSE16XB4	182	8600	-
18.5	160	1100	0.81	9.13	BG60-../DSE16XB4	182	9800	-
18.5	205	860	2.5	7.14	BG70-../DSE16XB4	216	8800	-
18.5	173	1020	2.2	8.48	BG70-../DSE16XB4	216	9500	-
18.5	145	1210	1.9	10.09	BG70-../DSE16XB4	216	10200	-
18.5	122	1440	1.6	11.97	BG70-../DSE16XB4	216	11200	-
18.5	112	1570	1.45	13.08	BG70-../DSE16XB4	216	11600	-
18.5	95	1850	1.25	15.53	BG70-../DSE16XB4	216	12700	-
18.5	83	2100	1.1	17.68	BG70-../DSE16XB4	216	13400	-
18.5	70	2500	0.92	20.98	BG70-../DSE16XB4	216	14600	-
18.5	64	2750	0.84	22.92	BG70-../DSE16XB4	216	15100	-
18.5	128	1380	3.0	11.43	BG80-../DSE16XB4	266	11600	-
18.5	116	1520	2.8	12.69	BG80-../DSE16XB4	266	12400	-
18.5	94	1870	2.2	15.62	BG80-../DSE16XB4	266	13700	-
18.5	85	2050	2.0	17.35	BG80-../DSE16XB4	266	14600	-
18.5	74	2350	1.8	19.89	BG80-../DSE16XB4	266	15500	-
18.5	67	2600	1.6	22.09	BG80-../DSE16XB4	266	16500	-
18.5	56	3150	1.35	26.44	BG80-../DSE16XB4	266	17900	-
18.5	50	3500	1.2	29.36	BG80-../DSE16XB4	266	18900	-
18.5	43	4100	1.0	34.22	BG80-../DSE16XB4	266	20200	-
18.5	38.5	4550	0.92	38.00	BG80-../DSE16XB4	266	21300	-
18.5	33.5	5200	0.81	43.94	BG80-../DSE16XB4	266	22600	-
18.5	65	2700	3.1	22.62	BG90-../DSE16XB4	356	65000	-
18.5	59	2950	2.8	24.78	BG90-../DSE16XB4	356	65000	-
18.5	49.5	3550	2.4	29.78	BG90-../DSE16XB4	356	65000	-
18.5	45	3900	2.2	32.62	BG90-../DSE16XB4	356	65000	-
18.5	38.5	4550	1.85	38.21	BG90-../DSE16XB4	356	65000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

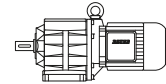
18.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
18.5	35	5000	1.7	41.85	BG90-../DSE16XB4	356	65000	-
18.5	30	5800	1.45	48.82	BG90-../DSE16XB4	356	65000	-
18.5	27.5	6400	1.3	53.46	BG90-../DSE16XB4	356	65000	-
18.5	26	6700	1.0	57.04	BG90Z-../DSE16XB4	415	65000	-
18.5	23.5	7500	1.0	62.47	BG90Z-../DSE16XB4	415	65000	-
18.5	19.5	9000	0.93	76.61	BG90Z-../DSE16XB4	415	65000	-
18.5	17.5	10000	0.84	83.91	BG90Z-../DSE16XB4	415	65000	-
18.5	31.5	5600	2.5	46.43	BG100-../DSE16XB4	526	90000	-
18.5	28.5	6100	2.4	51.70	BG100-../DSE16XB4	526	90000	-
18.5	23	7600	2.0	63.49	BG100-../DSE16XB4	526	90000	-
18.5	21	8400	1.9	70.69	BG100-../DSE16XB4	526	90000	-
18.5	18.5	9500	1.75	80.85	BG100-../DSE16XB4	526	90000	-
18.5	16.5	10700	1.55	90.02	BG100-../DSE16XB4	526	90000	-
18.5	14	12600	1.35	107.5	BG100-../DSE16XB4	526	90000	-
18.5	12.5	14100	1.2	119.7	BG100-../DSE16XB4	526	90000	-
18.5	10.5	16800	1.0	139.1	BG100-../DSE16XB4	526	90000	-
18.5	9.5	18500	0.91	154.8	BG100-../DSE16XB4	526	90000	-

6

22 kW



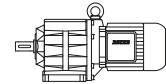
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
22	600	350	0.87	2.47	BG50-../DSE18LB4	200	2900	-
22	580	360	1.5	2.52	BG60-../DSE18LB4	229	6200	-
22	395	530	1.15	3.74	BG60-../DSE18LB4	229	7100	-
22	295	710	0.97	4.98	BG60-../DSE18LB4	229	7800	-
22	215	970	0.8	6.88	BG60-../DSE18LB4	229	8600	-
22	295	710	2.1	4.95	BG70-../DSE18LB4	257	6900	-
22	250	840	2.1	5.87	BG70-../DSE18LB4	257	8200	-
22	205	1020	2.1	7.14	BG70-../DSE18LB4	257	8800	-
22	173	1210	1.9	8.48	BG70-../DSE18LB4	257	9500	-
22	145	1440	1.6	10.09	BG70-../DSE18LB4	257	10200	-
22	122	1720	1.35	11.97	BG70-../DSE18LB4	257	11200	-
22	112	1870	1.25	13.08	BG70-../DSE18LB4	257	11600	-
22	95	2200	1.05	15.53	BG70-../DSE18LB4	257	12700	-
22	83	2500	0.92	17.68	BG70-../DSE18LB4	257	13400	-
22	250	840	3.2	5.94	BG80-../DSE18LB4	311	8300	-
22	225	930	3.2	6.60	BG80-../DSE18LB4	311	9100	-
22	176	1190	3.2	8.30	BG80-../DSE18LB4	311	10400	-
22	159	1320	3.0	9.21	BG80-../DSE18LB4	311	10800	-
22	128	1640	2.6	11.43	BG80-../DSE18LB4	311	11600	-
22	116	1810	2.3	12.69	BG80-../DSE18LB4	311	12400	-
22	94	2200	1.9	15.62	BG80-../DSE18LB4	311	13700	-
22	85	2450	1.7	17.35	BG80-../DSE18LB4	311	14600	-
22	74	2800	1.5	19.89	BG80-../DSE18LB4	311	15500	-
22	67	3100	1.35	22.09	BG80-../DSE18LB4	311	16500	-
22	56	3750	1.1	26.44	BG80-../DSE18LB4	311	17900	-
22	50	4200	1.0	29.36	BG80-../DSE18LB4	311	18900	-
22	43	4850	0.87	34.22	BG80-../DSE18LB4	311	20200	-
22	82	2550	3.2	17.96	BG90-../DSE18LB4	402	59800	-
22	75	2800	3.0	19.67	BG90-../DSE18LB4	402	62400	-
22	65	3200	2.6	22.62	BG90-../DSE18LB4	402	65000	-
22	59	3550	2.4	24.78	BG90-../DSE18LB4	402	65000	-
22	49.5	4200	2.0	29.78	BG90-../DSE18LB4	402	65000	-
22	45	4650	1.8	32.62	BG90-../DSE18LB4	402	65000	-
22	38.5	5400	1.55	38.21	BG90-../DSE18LB4	402	65000	-
22	35	6000	1.4	41.85	BG90-../DSE18LB4	402	65000	-
22	30	7000	1.2	48.82	BG90-../DSE18LB4	402	65000	-
22	27.5	7600	1.1	53.46	BG90-../DSE18LB4	402	65000	-
22	26	8000	0.85	57.04	BG90Z-../DSE18LB4	456	65000	-
22	23.5	8900	0.84	62.47	BG90Z-../DSE18LB4	456	65000	-

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

BG-series helical-geared motors

Selection helical-geared motors DSE - IE1

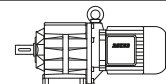
22 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
22	61	3400	3.3	23.95	BG100-../DSE18LB4	572	87900	-
22	43.5	4800	2.7	33.71	BG100-../DSE18LB4	572	88500	-
22	39	5300	2.5	37.54	BG100-../DSE18LB4	572	90000	-
22	31.5	6600	2.1	46.43	BG100-../DSE18LB4	572	90000	-
22	28.5	7300	2.0	51.70	BG100-../DSE18LB4	572	90000	-
22	23	9100	1.7	63.49	BG100-../DSE18LB4	572	90000	-
22	21	10000	1.6	70.69	BG100-../DSE18LB4	572	90000	-
22	18.5	11300	1.45	80.85	BG100-../DSE18LB4	572	90000	-
22	16.5	12700	1.3	90.02	BG100-../DSE18LB4	572	90000	-
22	14	15000	1.1	107.5	BG100-../DSE18LB4	572	90000	-
22	12.5	16800	1.0	119.7	BG100-../DSE18LB4	572	90000	-
22	10.5	20000	0.84	139.1	BG100-../DSE18LB4	572	90000	-

6

30 kW

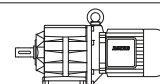


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
30	580	490	1.1	2.52	BG60-../DSE18XB4	247	6200	-
30	395	720	0.85	3.74	BG60-../DSE18XB4	247	7100	-
30	295	970	1.55	4.95	BG70-../DSE18XB4	275	6900	-
30	250	1140	1.55	5.87	BG70-../DSE18XB4	275	8200	-
30	205	1390	1.55	7.14	BG70-../DSE18XB4	275	8800	-
30	173	1650	1.4	8.48	BG70-../DSE18XB4	275	9500	-
30	145	1970	1.15	10.09	BG70-../DSE18XB4	275	10200	-
30	122	2300	1.0	11.97	BG70-../DSE18XB4	275	11200	-
30	112	2550	0.9	13.08	BG70-../DSE18XB4	275	11600	-
30	250	1140	2.3	5.94	BG80-../DSE18XB4	329	8300	-
30	225	1270	2.3	6.60	BG80-../DSE18XB4	329	9100	-
30	176	1620	2.3	8.30	BG80-../DSE18XB4	329	10400	-
30	159	1800	2.2	9.21	BG80-../DSE18XB4	329	10800	-
30	128	2200	1.9	11.43	BG80-../DSE18XB4	329	11600	-
30	116	2450	1.7	12.69	BG80-../DSE18XB4	329	12400	-
30	94	3000	1.4	15.62	BG80-../DSE18XB4	329	13700	-
30	85	3350	1.25	17.35	BG80-../DSE18XB4	329	14600	-
30	74	3850	1.1	19.89	BG80-../DSE18XB4	329	15500	-
30	67	4250	0.99	22.09	BG80-../DSE18XB4	329	16500	-
30	56	5100	0.82	26.44	BG80-../DSE18XB4	329	17900	-
30	134	2100	3.3	10.90	BG90-../DSE18XB4	420	52300	-
30	110	2600	2.9	13.37	BG90-../DSE18XB4	420	55000	-
30	100	2850	2.7	14.64	BG90-../DSE18XB4	420	57000	-
30	82	3450	2.4	17.96	BG90-../DSE18XB4	420	59800	-
30	75	3800	2.2	19.67	BG90-../DSE18XB4	420	62400	-
30	65	4400	1.9	22.62	BG90-../DSE18XB4	420	65000	-
30	59	4850	1.75	24.78	BG90-../DSE18XB4	420	65000	-
30	49.5	5700	1.45	29.78	BG90-../DSE18XB4	420	65000	-
30	45	6300	1.35	32.62	BG90-../DSE18XB4	420	65000	-
30	38.5	7400	1.15	38.21	BG90-../DSE18XB4	420	65000	-
30	35	8100	1.05	41.85	BG90-../DSE18XB4	420	65000	-
30	30	9500	0.88	48.82	BG90-../DSE18XB4	420	65000	-
30	27.5	10400	0.81	53.46	BG90-../DSE18XB4	420	65000	-
30	118	2400	3.0	12.45	BG100-../DSE18XB4	590	72100	-
30	84	3400	3.0	17.39	BG100-../DSE18XB4	590	82400	-
30	61	4650	2.4	23.95	BG100-../DSE18XB4	590	87900	-
30	43.5	6500	2.0	33.71	BG100-../DSE18XB4	590	88500	-
30	39	7300	1.8	37.54	BG100-../DSE18XB4	590	90000	-
30	31.5	9000	1.55	46.43	BG100-../DSE18XB4	590	90000	-
30	28.5	10000	1.45	51.70	BG100-../DSE18XB4	590	90000	-
30	23	12400	1.25	63.49	BG100-../DSE18XB4	590	90000	-
30	21	13600	1.15	70.69	BG100-../DSE18XB4	590	90000	-
30	18.5	15400	1.05	80.85	BG100-../DSE18XB4	590	90000	-
30	16.5	17300	0.97	90.02	BG100-../DSE18XB4	590	90000	-
30	14	20400	0.82	107.5	BG100-../DSE18XB4	590	90000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



0.03 kW

P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.03	540	0.53	7.5	2.51	BG04-../D04LA4	4.4	340	-
0.03	370	0.77	6.5	3.65	BG04-../D04LA4	4.4	390	-
0.03	310	0.92	7.6	4.39	BG04-../D04LA4	4.4	380	-
0.03	255	1.12	8.0	5.36	BG04-../D04LA4	4.4	380	-
0.03	220	1.3	8.5	6.18	BG04-../D04LA4	4.4	415	-
0.03	205	1.39	7.2	6.67	BG04-../D04LA4	4.4	410	-
0.03	199	1.43	7.7	6.80	BG04-../D04LA4	4.4	420	-
0.03	158	1.81	6.1	8.58	BG04-../D04LA4	4.4	410	-
0.03	150	1.91	6.3	9.00	BG04-../D04LA4	4.4	470	-
0.03	137	2.05	6.3	9.90	BG04-../D04LA4	4.4	480	-
0.03	125	2.25	6.2	10.82	BG04-../D04LA4	4.4	480	-
0.03	114	2.5	6.0	11.90	BG04-../D04LA4	4.4	490	-
0.03	108	2.65	5.7	12.55	BG04-../D04LA4	4.4	490	-
0.03	103	2.75	5.8	13.20	BG04-../D04LA4	4.4	500	-
0.03	93	3.05	5.6	14.52	BG04-../D04LA4	4.4	510	-
0.03	83	3.45	5.2	16.44	BG04-../D04LA4	4.4	530	-
0.03	75	3.8	4.7	18.08	BG04-../D04LA4	4.4	540	-
0.03	64	4.45	4.3	21.12	BG04-../D04LA4	4.4	560	-
0.03	59	4.85	4.1	23.23	BG04-../D04LA4	4.4	600	-
0.03	56	5.1	3.9	24.45	BG04-../D04LA4	4.4	610	-
0.03	51	5.6	3.6	26.89	BG04-../D04LA4	4.4	650	-
0.03	44	6.5	3.1	30.91	BG04-../D04LA4	4.4	690	-
0.03	40	7.1	2.8	34.00	BG04-../D04LA4	4.4	720	-
0.03	38.5	7.4	2.7	35.35	BG04-../D04LA4	4.4	730	-
0.03	35	8.1	2.5	38.89	BG04-../D04LA4	4.4	750	-
0.03	32	8.9	2.2	42.24	BG04-../D04LA4	4.4	750	-
0.03	29.5	9.7	2.1	46.47	BG04-../D04LA4	4.4	750	-
0.03	28.5	10	2.0	47.52	BG04-../D04LA4	4.4	750	-
0.03	26	11	1.8	52.28	BG04-../D04LA4	4.4	750	-
0.03	25	11.4	1.75	54.97	BG04-../D04LA4	4.4	750	-
0.03	22.5	12.7	1.55	60.47	BG04-../D04LA4	4.4	750	-
0.03	31	9.2	3.3	43.57	BG05-../D04LA4	5.1	900	-
0.03	29	9.8	3.1	47.00	BG05-../D04LA4	5.1	930	-
0.03	26.5	10.8	2.8	51.27	BG05-../D04LA4	5.1	970	-
0.03	25.5	11.2	2.7	53.44	BG05-../D04LA4	5.1	980	-
0.03	23.5	12.1	2.5	58.30	BG05-../D04LA4	5.1	1000	-
0.03	18	13.8	2.9	75.99	BG06G04-../D04LA4	8.4	1070	-
0.03	16.5	15	2.9	82.89	BG06G04-../D04LA4	8.4	1070	-
0.03	15	16.5	2.7	93.00	BG06G04-../D04LA4	8.4	1070	-
0.03	13.5	18.4	2.4	101.5	BG06G04-../D04LA4	8.4	1070	-
0.03	11.5	21	2.1	122.0	BG06G04-../D04LA4	8.4	1070	-
0.03	9.1	26	1.75	149.0	BG06G04-../D04LA4	8.4	1070	-
0.03	7.3	33.5	1.35	185.4	BG06G04-../D04LA4	8.4	1070	-
0.03	5.4	46	0.98	250.2	BG06G04-../D04LA4	8.4	1070	-
0.03	5.0	50	0.9	275.2	BG06G04-../D04LA4	8.4	1070	-
0.03	4.1	45*	1.0	330.8	BG06G04-../D04LA4	8.4	1070	-
0.03	3.7	45*	1.0	367.0	BG06G04-../D04LA4	8.4	1070	-
0.03	3.0	45*	1.0	457.0	BG06G04-../D04LA4	8.4	1070	-
0.03	2.7	45*	1.0	502.6	BG06G04-../D04LA4	8.4	1070	-
0.03	2.3	45*	1.0	587.1	BG06G04-../D04LA4	8.4	1070	-
0.03	2.1	45*	1.0	645.8	BG06G04-../D04LA4	8.4	1070	-
0.03	1.9	45*	1.0	747.5	BG06G04-../D04LA4	8.4	1070	-
0.03	1.6	45*	1.0	859.3	BG06G04-../D04LA4	8.4	1070	-
0.03	1.5	45*	1.0	945.2	BG06G04-../D04LA4	8.4	1070	-
0.03	1.3	45*	1.0	1081	BG06G04-../D04LA4	8.4	1070	-
0.03	1.2	45*	1.0	1174	BG06G04-../D04LA4	8.4	1070	-
0.03	1.1	45*	1.0	1321	BG06G04-../D04LA4	8.4	1070	-
0.03	0.9	45*	1.0	1528	BG06G04-../D04LA4	8.4	1070	-
0.03	0.85	45*	1.0	1681	BG06G04-../D04LA4	8.4	1070	-
0.03	0.7	45*	1.0	1948	BG06G04-../D04LA4	8.4	1070	-
0.03	0.65	45*	1.0	2126	BG06G04-../D04LA4	8.4	1070	-
0.03	0.6	45*	1.0	2435	BG06G04-../D04LA4	8.4	1070	-
0.03	20.5	13.9	3.2	66.79	BG06-../D04LA4	6.1	1070	-
0.03	7.4	38.5	3.1	184.0	BG10Z-../D04LA4	11	2000	2800
0.03	7.0	40.5	3.0	194.6	BG10Z-../D04LA4	11	2000	2800
0.03	6.3	45	2.7	215.7	BG10Z-../D04LA4	11	2000	2800

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

BG-series helical-geared motors

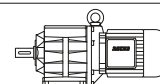
Selection helical-geared motors DHE - IE2

0.03 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.03	5.7	50	2.4	240.4	BG10Z-../D04LA4	11	2000	2800
0.03	5.1	56	2.1	266.3	BG10Z-../D04LA4	11	2000	2800
0.03	4.9	58	2.1	276.0	BG10Z-../D04LA4	11	2000	2800
0.03	4.5	63	1.9	305.8	BG10Z-../D04LA4	11	2000	2800
0.03	3.6	49	2.7	379.6	BG10G06-../D04LA4	14	2000	2800
0.03	3.1	57	2.3	435.9	BG10G06-../D04LA4	14	2000	2800
0.03	2.7	68	1.9	512.6	BG10G06-../D04LA4	14	2000	2800
0.03	2.3	83	1.55	613.6	BG10G06-../D04LA4	14	2000	2800
0.03	1.9	105	1.25	748.9	BG10G06-../D04LA4	14	2000	2800
0.03	1.6	130	1.0	899.5	BG10G06-../D04LA4	14	2000	2800
0.03	1.3	130*	1.0	1081	BG10G06-../D04LA4	14	2000	2800
0.03	1.1	130*	1.0	1272	BG10G06-../D04LA4	14	2000	2800
0.03	0.9	130*	1.0	1523	BG10G06-../D04LA4	14	2000	2800
0.03	0.75	130*	1.0	1863	BG10G06-../D04LA4	14	2000	2800
0.03	0.6	130*	1.0	2356	BG10G06-../D04LA4	14	2000	2800
0.03	0.55	130*	1.0	2699	BG10G06-../D04LA4	14	2000	2800
0.03	0.46	130*	1.0	2944	BG10G06-../D04LA4	14	2000	2800
0.03	0.4	130*	1.0	3378	BG10G06-../D04LA4	14	2000	2800
0.03	0.37	130*	1.0	3684	BG10G06-../D04LA4	14	2000	2800
0.03	0.31	130*	1.0	4477	BG10G06-../D04LA4	14	2000	2800
0.03	0.28	130*	1.0	4884	BG10G06-../D04LA4	14	2000	2800
0.03	2.5	77	2.9	550.6	BG20G06-../D04LA4	17	5000	2100
0.03	2.1	95	2.3	671.9	BG20G06-../D04LA4	17	5000	2100
0.03	1.7	125	1.75	807.1	BG20G06-../D04LA4	17	5000	2100
0.03	1.4	160	1.4	969.9	BG20G06-../D04LA4	17	5000	2100
0.03	1.2	188	1.15	1142	BG20G06-../D04LA4	17	5000	2100
0.03	1.0	230	0.96	1366	BG20G06-../D04LA4	17	5000	2100
0.03	0.85	220*	1.0	1672	BG20G06-../D04LA4	17	5000	2100
0.03	0.75	220*	1.0	1824	BG20G06-../D04LA4	17	5000	2100
0.03	0.65	220*	1.0	2114	BG20G06-../D04LA4	17	5000	2100
0.03	0.6	220*	1.0	2422	BG20G06-../D04LA4	17	5000	2100
0.03	0.55	220*	1.0	2642	BG20G06-../D04LA4	17	5000	2100
0.03	0.45	220*	1.0	3031	BG20G06-../D04LA4	17	5000	2100
0.03	0.41	220*	1.0	3306	BG20G06-../D04LA4	17	5000	2100
0.03	0.34	220*	1.0	4017	BG20G06-../D04LA4	17	5000	2100
0.03	0.31	220*	1.0	4383	BG20G06-../D04LA4	17	5000	2100
0.03	2.0	101	3.2	690.6	BG30G06-../D04LA4	21	6000	-
0.03	1.8	116	2.8	760.7	BG30G06-../D04LA4	21	6000	-
0.03	1.7	124	2.6	829.5	BG30G06-../D04LA4	21	6000	-
0.03	1.4	158	2.1	996.8	BG30G06-../D04LA4	21	6000	-
0.03	1.3	173	1.9	1088	BG30G06-../D04LA4	21	6000	-
0.03	1.1	205	1.6	1280	BG30G06-../D04LA4	21	6000	-
0.03	1.0	230	1.4	1404	BG30G06-../D04LA4	21	6000	-
0.03	0.8	295	1.1	1718	BG30G06-../D04LA4	21	6000	-
0.03	0.75	320	1.0	1875	BG30G06-../D04LA4	21	6000	-
0.03	0.65	325*	1.0	2173	BG30G06-../D04LA4	21	6000	-
0.03	0.5	325*	1.0	2715	BG30G06-../D04LA4	21	6000	-
0.03	0.44	325*	1.0	3115	BG30G06-../D04LA4	21	6000	-
0.03	0.4	325*	1.0	3398	BG30G06-../D04LA4	21	6000	-
0.03	0.35	325*	1.0	3867	BG30G06-../D04LA4	21	6000	-
0.03	0.3	325*	1.0	4504	BG30G06-../D04LA4	21	6000	-

0.04 kW

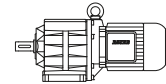


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.04	540	0.7	5.7	2.51	BG04-../D04LA4	4.4	340	-
0.04	370	1.03	4.9	3.65	BG04-../D04LA4	4.4	390	-
0.04	310	1.23	5.7	4.39	BG04-../D04LA4	4.4	380	-
0.04	255	1.49	6.0	5.36	BG04-../D04LA4	4.4	380	-
0.04	220	1.73	6.4	6.18	BG04-../D04LA4	4.4	415	-
0.04	205	1.86	5.4	6.67	BG04-../D04LA4	4.4	410	-
0.04	199	1.91	5.8	6.80	BG04-../D04LA4	4.4	420	-
0.04	158	2.4	4.6	8.58	BG04-../D04LA4	4.4	410	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



0.04 kW

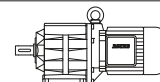
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
0.04	150	2.5	4.8	9.00	BG04-../D04LA4	4.4	470	-
0.04	137	2.75	4.7	9.90	BG04-../D04LA4	4.4	480	-
0.04	125	3.05	4.6	10.82	BG04-../D04LA4	4.4	480	-
0.04	114	3.35	4.5	11.90	BG04-../D04LA4	4.4	490	-
0.04	108	3.5	4.3	12.55	BG04-../D04LA4	4.4	490	-
0.04	103	3.7	4.3	13.20	BG04-../D04LA4	4.4	500	-
0.04	93	4.1	4.1	14.52	BG04-../D04LA4	4.4	510	-
0.04	83	4.6	3.9	16.44	BG04-../D04LA4	4.4	530	-
0.04	75	5.0	3.6	18.08	BG04-../D04LA4	4.4	540	-
0.04	64	5.9	3.2	21.12	BG04-../D04LA4	4.4	560	-
0.04	59	6.4	3.1	23.23	BG04-../D04LA4	4.4	600	-
0.04	56	6.8	2.9	24.45	BG04-../D04LA4	4.4	610	-
0.04	51	7.4	2.7	26.89	BG04-../D04LA4	4.4	650	-
0.04	44	8.6	2.3	30.91	BG04-../D04LA4	4.4	690	-
0.04	40	9.5	2.1	34.00	BG04-../D04LA4	4.4	720	-
0.04	38.5	9.9	2.0	35.35	BG04-../D04LA4	4.4	730	-
0.04	35	10.9	1.85	38.89	BG04-../D04LA4	4.4	750	-
0.04	32	11.9	1.7	42.24	BG04-../D04LA4	4.4	750	-
0.04	29.5	12.9	1.55	46.47	BG04-../D04LA4	4.4	750	-
0.04	28.5	13.4	1.5	47.52	BG04-../D04LA4	4.4	750	-
0.04	26	14.6	1.35	52.28	BG04-../D04LA4	4.4	750	-
0.04	25	15.2	1.3	54.97	BG04-../D04LA4	4.4	750	-
0.04	22.5	16.9	1.2	60.47	BG04-../D04LA4	4.4	750	-
0.04	39	9.7	3.1	35.00	BG05-../D04LA4	5.1	810	-
0.04	35.5	10.7	2.8	38.18	BG05-../D04LA4	5.1	850	-
0.04	34	11.2	2.7	39.94	BG05-../D04LA4	5.1	860	-
0.04	31	12.3	2.4	43.57	BG05-../D04LA4	5.1	900	-
0.04	29	13.1	2.3	47.00	BG05-../D04LA4	5.1	930	-
0.04	26.5	14.4	2.1	51.27	BG05-../D04LA4	5.1	970	-
0.04	25.5	14.9	2.0	53.44	BG05-../D04LA4	5.1	980	-
0.04	23.5	16.2	1.85	58.30	BG05-../D04LA4	5.1	1000	-
0.04	18	19.1	2.1	75.99	BG06G04-../D04LA4	8.4	1070	-
0.04	16.5	20.5	2.1	82.89	BG06G04-../D04LA4	8.4	1070	-
0.04	15	22.5	2.0	93.00	BG06G04-../D04LA4	8.4	1070	-
0.04	13.5	25.5	1.75	101.5	BG06G04-../D04LA4	8.4	1070	-
0.04	11.5	29	1.55	122.0	BG06G04-../D04LA4	8.4	1070	-
0.04	9.1	36.5	1.25	149.0	BG06G04-../D04LA4	8.4	1070	-
0.04	7.3	46.5	0.97	185.4	BG06G04-../D04LA4	8.4	1070	-
0.04	27	14.1	3.2	50.38	BG06-../D04LA4	6.1	940	-
0.04	26	14.6	3.1	52.56	BG06-../D04LA4	6.1	950	-
0.04	24	15.9	2.8	57.34	BG06-../D04LA4	6.1	1000	-
0.04	22.5	16.9	2.7	61.22	BG06-../D04LA4	6.1	1020	-
0.04	20.5	18.6	2.4	66.79	BG06-../D04LA4	6.1	1070	-
0.04	10.5	36	3.3	131.8	BG10Z-../D04LA4	11	2000	2800
0.04	9.3	41	2.9	146.0	BG10Z-../D04LA4	11	2000	2800
0.04	8.2	46.5	2.6	166.0	BG10Z-../D04LA4	11	2000	2800
0.04	7.4	51	2.4	184.0	BG10Z-../D04LA4	11	2000	2800
0.04	7.0	54	2.2	194.6	BG10Z-../D04LA4	11	2000	2800
0.04	6.3	60	2.0	215.7	BG10Z-../D04LA4	11	2000	2800
0.04	5.7	67	1.8	240.4	BG10Z-../D04LA4	11	2000	2800
0.04	5.1	74	1.6	266.3	BG10Z-../D04LA4	11	2000	2800
0.04	4.9	77	1.55	276.0	BG10Z-../D04LA4	11	2000	2800
0.04	4.5	84	1.45	305.8	BG10Z-../D04LA4	11	2000	2800
0.04	4.1	60	2.2	332.0	BG10G06-../D04LA4	14	2000	2800
0.04	3.6	75	1.75	379.6	BG10G06-../D04LA4	14	2000	2800
0.04	3.1	88	1.5	435.9	BG10G06-../D04LA4	14	2000	2800
0.04	2.7	103	1.25	512.6	BG10G06-../D04LA4	14	2000	2800
0.04	2.3	125	1.05	613.6	BG10G06-../D04LA4	14	2000	2800
0.04	1.9	155	0.84	748.9	BG10G06-../D04LA4	14	2000	2800
0.04	6.1	62	3.2	222.1	BG20Z-../D04LA4	13	5000	-
0.04	3.9	69	3.2	352.1	BG20G06-../D04LA4	17	5000	2100
0.04	3.5	77	2.9	391.1	BG20G06-../D04LA4	17	5000	2100
0.04	3.0	93	2.4	460.0	BG20G06-../D04LA4	17	5000	2100
0.04	2.5	116	1.9	550.6	BG20G06-../D04LA4	17	5000	2100
0.04	2.1	141	1.55	671.9	BG20G06-../D04LA4	17	5000	2100

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

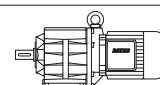
BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

P _N		50 Hz			i	Type	m	F _{RN}	F _{RV}
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]	
0.04	1.7	181	1.2	807.1	BG20G06-../D04LA4	17	5000	2100	
0.04	1.4	225	0.98	969.9	BG20G06-../D04LA4	17	5000	2100	
0.04	1.2	265	0.83	1142	BG20G06-../D04LA4	17	5000	2100	
0.04	2.4	121	2.7	565.8	BG30G06-../D04LA4	21	6000	-	
0.04	2.0	149	2.2	690.6	BG30G06-../D04LA4	21	6000	-	
0.04	1.8	169	1.9	760.7	BG30G06-../D04LA4	21	6000	-	
0.04	1.7	180	1.8	829.5	BG30G06-../D04LA4	21	6000	-	
0.04	1.4	225	1.45	996.8	BG30G06-../D04LA4	21	6000	-	
0.04	1.3	245	1.35	1088	BG30G06-../D04LA4	21	6000	-	
0.04	1.1	290	1.1	1280	BG30G06-../D04LA4	21	6000	-	
0.04	1.0	325	1.0	1404	BG30G06-../D04LA4	21	6000	-	



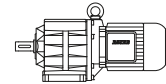
P _N		50 Hz			i	Type	m	F _{RN}	F _{RV}
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]	
0.06	540	1.06	3.8	2.51	BG04-../D04LA4	4.4	340	-	
0.06	370	1.54	3.2	3.65	BG04-../D04LA4	4.4	390	-	
0.06	310	1.84	3.8	4.39	BG04-../D04LA4	4.4	380	-	
0.06	255	2.2	4.1	5.36	BG04-../D04LA4	4.4	380	-	
0.06	220	2.6	4.2	6.18	BG04-../D04LA4	4.4	415	-	
0.06	205	2.75	3.6	6.67	BG04-../D04LA4	4.4	410	-	
0.06	199	2.85	3.9	6.80	BG04-../D04LA4	4.4	420	-	
0.06	158	3.6	3.1	8.58	BG04-../D04LA4	4.4	410	-	
0.06	150	3.8	3.2	9.00	BG04-../D04LA4	4.4	470	-	
0.06	137	4.15	3.1	9.90	BG04-../D04LA4	4.4	480	-	
0.06	125	4.55	3.1	10.82	BG04-../D04LA4	4.4	480	-	
0.06	114	5.0	3.0	11.90	BG04-../D04LA4	4.4	490	-	
0.06	108	5.3	2.8	12.55	BG04-../D04LA4	4.4	490	-	
0.06	103	5.5	2.9	13.20	BG04-../D04LA4	4.4	500	-	
0.06	93	6.1	2.8	14.52	BG04-../D04LA4	4.4	510	-	
0.06	83	6.9	2.6	16.44	BG04-../D04LA4	4.4	530	-	
0.06	75	7.6	2.4	18.08	BG04-../D04LA4	4.4	540	-	
0.06	64	8.9	2.1	21.12	BG04-../D04LA4	4.4	560	-	
0.06	59	9.7	2.1	23.23	BG04-../D04LA4	4.4	600	-	
0.06	56	10.2	1.95	24.45	BG04-../D04LA4	4.4	610	-	
0.06	51	11.2	1.8	26.89	BG04-../D04LA4	4.4	650	-	
0.06	44	13	1.55	30.91	BG04-../D04LA4	4.4	690	-	
0.06	40	14.3	1.4	34.00	BG04-../D04LA4	4.4	720	-	
0.06	38.5	14.8	1.35	35.35	BG04-../D04LA4	4.4	730	-	
0.06	35	16.3	1.25	38.89	BG04-../D04LA4	4.4	750	-	
0.06	32	17.9	1.1	42.24	BG04-../D04LA4	4.4	750	-	
0.06	29.5	19.4	1.05	46.47	BG04-../D04LA4	4.4	750	-	
0.06	28.5	20	1.0	47.52	BG04-../D04LA4	4.4	750	-	
0.06	26	22	0.91	52.28	BG04-../D04LA4	4.4	750	-	
0.06	25	22.5	0.89	54.97	BG04-../D04LA4	4.4	750	-	
0.06	22.5	25	0.8	60.47	BG04-../D04LA4	4.4	750	-	
0.06	72	7.9	3.3	18.82	BG05-../D04LA4	5.1	680	-	
0.06	66	8.6	3.1	20.53	BG05-../D04LA4	5.1	700	-	
0.06	57	10	2.8	24.00	BG05-../D04LA4	5.1	740	-	
0.06	52	11	2.6	26.18	BG05-../D04LA4	5.1	760	-	
0.06	49	11.6	2.6	27.82	BG05-../D04LA4	5.1	770	-	
0.06	44.5	12.8	2.3	30.35	BG05-../D04LA4	5.1	760	-	
0.06	39	14.6	2.1	35.00	BG05-../D04LA4	5.1	810	-	
0.06	35.5	16.1	1.85	38.18	BG05-../D04LA4	5.1	850	-	
0.06	34	16.8	1.8	39.94	BG05-../D04LA4	5.1	860	-	
0.06	31	18.4	1.65	43.57	BG05-../D04LA4	5.1	900	-	
0.06	29	19.7	1.5	47.00	BG05-../D04LA4	5.1	930	-	
0.06	26.5	21.5	1.4	51.27	BG05-../D04LA4	5.1	970	-	
0.06	25.5	22	1.35	53.44	BG05-../D04LA4	5.1	980	-	
0.06	23.5	24	1.25	58.30	BG05-../D04LA4	5.1	1000	-	
0.06	18	29.5	1.35	75.99	BG06G04-../D04LA4	8.4	1070	-	
0.06	16.5	32	1.35	82.89	BG06G04-../D04LA4	8.4	1070	-	



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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2




0.06 kW


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.06	15	35.5	1.25	93.00	BG06G04-../D04LA4	8.4	1070	-
0.06	13.5	39.5	1.15	101.5	BG06G04-../D04LA4	8.4	1070	-
0.06	11.5	45.5	0.99	122.0	BG06G04-../D04LA4	8.4	1070	-
0.06	42	13.6	3.3	32.22	BG06-../D04LA4	6.1	890	-
0.06	38.5	14.8	3.0	35.15	BG06-../D04LA4	6.1	880	-
0.06	37	15.4	2.9	36.91	BG06-../D04LA4	6.1	890	-
0.06	34	16.8	2.7	40.26	BG06-../D04LA4	6.1	890	-
0.06	29.5	19.4	2.3	46.19	BG06-../D04LA4	6.1	890	-
0.06	27	21	2.1	50.38	BG06-../D04LA4	6.1	940	-
0.06	26	22	2.0	52.56	BG06-../D04LA4	6.1	950	-
0.06	24	23.5	1.9	57.34	BG06-../D04LA4	6.1	1000	-
0.06	22.5	25	1.8	61.22	BG06-../D04LA4	6.1	1020	-
0.06	20.5	27.5	1.65	66.79	BG06-../D04LA4	6.1	1070	-
0.06	15	38	3.2	92.19	BG10Z-../D06LA4	14	2000	2800
0.06	13.5	42	2.9	102.1	BG10Z-../D06LA4	14	2000	2800
0.06	12.5	45.5	2.6	109.8	BG10Z-../D06LA4	14	2000	2800
0.06	11.5	49.5	2.4	121.7	BG10Z-../D06LA4	14	2000	2800
0.06	10.5	54	2.2	131.8	BG10Z-../D06LA4	14	2000	2800
0.06	9.3	61	1.95	146.0	BG10Z-../D06LA4	14	2000	2800
0.06	8.2	69	1.75	166.0	BG10Z-../D06LA4	14	2000	2800
0.06	7.4	77	1.55	184.0	BG10Z-../D06LA4	14	2000	2800
0.06	7.0	81	1.5	194.6	BG10Z-../D06LA4	14	2000	2800
0.06	6.3	90	1.35	215.7	BG10Z-../D06LA4	14	2000	2800
0.06	5.7	100	1.2	240.4	BG10Z-../D06LA4	14	2000	2800
0.06	5.1	112	1.05	266.3	BG10Z-../D06LA4	14	2000	2800
0.06	4.9	116	1.05	276.0	BG10Z-../D06LA4	14	2000	2800
0.06	4.5	127	0.94	305.8	BG10Z-../D06LA4	14	2000	2800
0.06	4.1	107	1.2	332.0	BG10G06-../D06LA4	18	2000	2800
0.06	3.6	128	1.0	379.6	BG10G06-../D06LA4	18	2000	2800
0.06	3.1	149	0.87	435.9	BG10G06-../D06LA4	18	2000	2800
0.06	8.4	68	2.9	162.2	BG20Z-../D06LA4	16	5000	-
0.06	7.5	76	2.6	180.1	BG20Z-../D06LA4	16	5000	-
0.06	6.8	84	2.4	199.9	BG20Z-../D06LA4	16	5000	-
0.06	6.1	93	2.2	222.1	BG20Z-../D06LA4	16	5000	-
0.06	5.5	77	2.9	248.0	BG20G06-../D06LA4	20	5000	2100
0.06	4.6	95	2.3	297.9	BG20G06-../D06LA4	20	5000	2100
0.06	3.9	118	1.85	352.1	BG20G06-../D06LA4	20	5000	2100
0.06	3.5	132	1.65	391.1	BG20G06-../D06LA4	20	5000	2100
0.06	3.0	156	1.4	460.0	BG20G06-../D06LA4	20	5000	2100
0.06	2.5	192	1.15	550.6	BG20G06-../D06LA4	20	5000	2100
0.06	2.1	230	0.96	671.9	BG20G06-../D06LA4	20	5000	2100
0.06	6.0	95	3.2	225.9	BG30Z-../D06LA4	22	6000	-
0.06	5.2	110	2.7	261.9	BG30Z-../D06LA4	22	6000	-
0.06	4.7	121	2.5	290.5	BG30Z-../D06LA4	22	6000	-
0.06	3.9	118	2.8	346.8	BG30G06-../D06LA4	25	6000	-
0.06	3.4	136	2.4	401.9	BG30G06-../D06LA4	25	6000	-
0.06	2.9	162	2.0	472.8	BG30G06-../D06LA4	25	6000	-
0.06	2.4	200	1.65	565.8	BG30G06-../D06LA4	25	6000	-
0.06	2.0	240	1.35	690.6	BG30G06-../D06LA4	25	6000	-
0.06	1.8	275	1.2	760.7	BG30G06-../D06LA4	25	6000	-
0.06	1.7	290	1.1	829.5	BG30G06-../D06LA4	25	6000	-
0.06	1.4	360	0.9	996.8	BG30G06-../D06LA4	25	6000	-
0.06	1.3	390	0.83	1088	BG30G06-../D06LA4	25	6000	-
0.06	2.2	147	3.2	640.0	BG40G10-../D06LA4	43	7000	-
0.06	1.9	176	2.6	710.9	BG40G10-../D06LA4	43	7000	-
0.06	1.8	179	2.6	789.1	BG40G10-../D06LA4	43	7000	-
0.06	1.4	255	1.8	965.2	BG40G10-../D06LA4	43	7000	-
0.06	1.2	315	1.5	1225	BG40G10-../D06LA4	43	7000	-
0.06	0.95	440	1.05	1459	BG40G10-../D06LA4	43	7000	-
0.06	1.5	230	3.0	960.2	BG50G10-../D06LA4	51	10000	-
0.06	1.2	315	2.2	1219	BG50G10-../D06LA4	51	10000	-
0.06	0.95	445	1.55	1452	BG50G10-../D06LA4	51	10000	-
0.06	0.8	550	1.25	1729	BG50G10-../D06LA4	51	10000	-
0.06	0.7	660	1.05	2076	BG50G10-../D06LA4	51	10000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

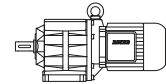
0.06 kW								
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]	[kg]	[N]	[N]	
0.06	0.8	445	2.9	1741	BG60G20-../D06LA4	100	16000	-
0.06	0.75	490	2.7	1880	BG60G20-../D06LA4	100	16000	-
0.06	0.65	610	2.1	2249	BG60G20-../D06LA4	100	16000	-
0.06	0.48	920	1.4	2818	BG60G20-../D06LA4	100	16000	-
0.06	0.42	1090	1.2	3234	BG60G20-../D06LA4	100	16000	-
0.06	0.38	1230	1.05	3592	BG60G20-../D06LA4	100	16000	-
0.06	0.49	930	2.7	2774	BG70G20-../D06LA4	130	20000	-
0.06	0.43	1090	2.3	3184	BG70G20-../D06LA4	130	20000	-
0.06	0.35	1390	1.8	3925	BG70G20-../D06LA4	130	20000	-

0.09 kW								
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]	[kg]	[N]	[N]	
0.09	540	1.59	2.5	2.51	BG04-../D04LA4	4.4	340	-
0.09	370	2.3	2.2	3.65	BG04-../D04LA4	4.4	390	-
0.09	310	2.75	2.5	4.39	BG04-../D04LA4	4.4	380	-
0.09	255	3.35	2.7	5.36	BG04-../D04LA4	4.4	380	-
0.09	220	3.9	2.8	6.18	BG04-../D04LA4	4.4	415	-
0.09	205	4.15	2.4	6.67	BG04-../D04LA4	4.4	410	-
0.09	199	4.3	2.6	6.80	BG04-../D04LA4	4.4	420	-
0.09	158	5.4	2.0	8.58	BG04-../D04LA4	4.4	410	-
0.09	150	5.7	2.1	9.00	BG04-../D04LA4	4.4	470	-
0.09	137	6.2	2.1	9.90	BG04-../D04LA4	4.4	480	-
0.09	125	6.8	2.1	10.82	BG04-../D04LA4	4.4	480	-
0.09	114	7.5	2.0	11.90	BG04-../D04LA4	4.4	490	-
0.09	108	7.9	1.9	12.55	BG04-../D04LA4	4.4	490	-
0.09	103	8.3	1.95	13.20	BG04-../D04LA4	4.4	500	-
0.09	93	9.2	1.85	14.52	BG04-../D04LA4	4.4	510	-
0.09	83	10.3	1.75	16.44	BG04-../D04LA4	4.4	530	-
0.09	75	11.4	1.6	18.08	BG04-../D04LA4	4.4	540	-
0.09	64	13.4	1.4	21.12	BG04-../D04LA4	4.4	560	-
0.09	59	14.5	1.4	23.23	BG04-../D04LA4	4.4	600	-
0.09	56	15.3	1.3	24.45	BG04-../D04LA4	4.4	610	-
0.09	51	16.8	1.2	26.89	BG04-../D04LA4	4.4	650	-
0.09	44	19.5	1.05	30.91	BG04-../D04LA4	4.4	690	-
0.09	40	21	0.95	34.00	BG04-../D04LA4	4.4	720	-
0.09	38.5	22	0.91	35.35	BG04-../D04LA4	4.4	730	-
0.09	35	24.5	0.82	38.89	BG04-../D04LA4	4.4	750	-
0.09	128	6.7	3.0	10.59	BG05-../D04LA4	5.1	590	-
0.09	117	7.3	2.9	11.55	BG05-../D04LA4	5.1	600	-
0.09	113	7.6	2.8	12.05	BG05-../D04LA4	5.1	510	-
0.09	108	7.9	2.8	12.60	BG05-../D04LA4	5.1	610	-
0.09	99	8.6	2.7	13.75	BG05-../D04LA4	5.1	630	-
0.09	89	9.6	2.5	15.23	BG05-../D04LA4	5.1	640	-
0.09	82	10.4	2.4	16.62	BG05-../D04LA4	5.1	660	-
0.09	72	11.9	2.2	18.82	BG05-../D04LA4	5.1	680	-
0.09	66	13	2.1	20.53	BG05-../D04LA4	5.1	700	-
0.09	57	15	1.85	24.00	BG05-../D04LA4	5.1	740	-
0.09	52	16.5	1.75	26.18	BG05-../D04LA4	5.1	760	-
0.09	49	17.5	1.7	27.82	BG05-../D04LA4	5.1	770	-
0.09	44.5	19.3	1.55	30.35	BG05-../D04LA4	5.1	760	-
0.09	39	22	1.35	35.00	BG05-../D04LA4	5.1	810	-
0.09	35.5	24	1.25	38.18	BG05-../D04LA4	5.1	850	-
0.09	34	25	1.2	39.94	BG05-../D04LA4	5.1	860	-
0.09	31	27.5	1.1	43.57	BG05-../D04LA4	5.1	900	-
0.09	29	29.5	1.0	47.00	BG05-../D04LA4	5.1	930	-
0.09	26.5	32	0.94	51.27	BG05-../D04LA4	5.1	970	-
0.09	25.5	33.5	0.9	53.44	BG05-../D04LA4	5.1	980	-
0.09	23.5	36.5	0.82	58.30	BG05-../D04LA4	5.1	1000	-
0.09	18	45.5	0.88	75.99	BG06G04-../D04LA4	8.4	1070	-
0.09	16.5	49.5	0.87	82.89	BG06G04-../D04LA4	8.4	1070	-
0.09	15	54	0.83	93.00	BG06G04-../D04LA4	8.4	1070	-

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BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



0.09 kW

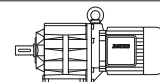
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.09	65	13.2	3.0	20.82	BG06-../D04LA4	6.1	800	-
0.09	60	14.3	3.0	22.71	BG06-../D04LA4	6.1	810	-
0.09	53	16.2	2.8	25.48	BG06-../D04LA4	6.1	850	-
0.09	49	17.5	2.6	27.80	BG06-../D04LA4	6.1	840	-
0.09	42	20	2.3	32.22	BG06-../D04LA4	6.1	890	-
0.09	38.5	22	2.0	35.15	BG06-../D04LA4	6.1	880	-
0.09	37	23	1.95	36.91	BG06-../D04LA4	6.1	890	-
0.09	34	25	1.8	40.26	BG06-../D04LA4	6.1	890	-
0.09	29.5	29	1.55	46.19	BG06-../D04LA4	6.1	890	-
0.09	27	31.5	1.45	50.38	BG06-../D04LA4	6.1	940	-
0.09	26	33	1.35	52.56	BG06-../D04LA4	6.1	950	-
0.09	24	35.5	1.25	57.34	BG06-../D04LA4	6.1	1000	-
0.09	22.5	38	1.2	61.22	BG06-../D04LA4	6.1	1020	-
0.09	20.5	41.5	1.1	66.79	BG06-../D04LA4	6.1	1070	-
0.09	23.5	36.5	3.3	57.48	BG10-../D06LA4	13	2000	2800
0.09	21.5	39.5	3.0	63.69	BG10-../D06LA4	13	2000	2800
0.09	20.5	41.5	2.9	66.00	BG10-../D06LA4	13	2000	2800
0.09	18.5	46	2.6	73.13	BG10-../D06LA4	13	2000	2800
0.09	17.5	49	2.4	77.40	BG10Z-../D06LA4	14	2000	2800
0.09	16	53	2.3	85.76	BG10Z-../D06LA4	14	2000	2800
0.09	15	57	2.1	92.19	BG10Z-../D06LA4	14	2000	2800
0.09	13.5	63	1.9	102.1	BG10Z-../D06LA4	14	2000	2800
0.09	12.5	68	1.75	109.8	BG10Z-../D06LA4	14	2000	2800
0.09	11.5	74	1.6	121.7	BG10Z-../D06LA4	14	2000	2800
0.09	10.5	81	1.5	131.8	BG10Z-../D06LA4	14	2000	2800
0.09	9.3	92	1.3	146.0	BG10Z-../D06LA4	14	2000	2800
0.09	8.2	104	1.15	166.0	BG10Z-../D06LA4	14	2000	2800
0.09	7.4	116	1.05	184.0	BG10Z-../D06LA4	14	2000	2800
0.09	7.0	122	0.98	194.6	BG10Z-../D06LA4	14	2000	2800
0.09	6.3	136	0.88	215.7	BG10Z-../D06LA4	14	2000	2800
0.09	5.7	150	0.8	240.4	BG10Z-../D06LA4	14	2000	2800
0.09	4.9	146	0.89	276.4	BG10G06-../D06LA4	18	2000	2800
0.09	13	66	3.0	104.7	BG20Z-../D06LA4	16	5000	-
0.09	12	71	2.8	112.8	BG20Z-../D06LA4	16	5000	-
0.09	11	78	2.6	125.3	BG20Z-../D06LA4	16	5000	-
0.09	9.6	89	2.2	141.3	BG20Z-../D06LA4	16	5000	-
0.09	8.4	102	1.95	162.2	BG20Z-../D06LA4	16	5000	-
0.09	7.5	114	1.75	180.1	BG20Z-../D06LA4	16	5000	-
0.09	6.8	126	1.6	199.9	BG20Z-../D06LA4	16	5000	-
0.09	6.1	140	1.45	222.1	BG20Z-../D06LA4	16	5000	-
0.09	5.5	130	1.7	248.0	BG20G06-../D06LA4	20	5000	2100
0.09	4.6	157	1.4	297.9	BG20G06-../D06LA4	20	5000	2100
0.09	3.9	192	1.15	352.1	BG20G06-../D06LA4	20	5000	2100
0.09	3.5	210	1.05	391.1	BG20G06-../D06LA4	20	5000	2100
0.09	3.0	250	0.88	460.0	BG20G06-../D06LA4	20	5000	2100
0.09	9.5	90	3.3	142.5	BG30Z-../D06LA4	22	6000	-
0.09	9.0	95	3.2	151.5	BG30Z-../D06LA4	22	6000	-
0.09	8.1	106	2.8	168.1	BG30Z-../D06LA4	22	6000	-
0.09	7.4	116	2.6	182.9	BG30Z-../D06LA4	22	6000	-
0.09	6.7	128	2.3	202.9	BG30Z-../D06LA4	22	6000	-
0.09	6.0	143	2.1	225.9	BG30Z-../D06LA4	22	6000	-
0.09	5.2	165	1.8	261.9	BG30Z-../D06LA4	22	6000	-
0.09	4.7	182	1.65	290.5	BG30Z-../D06LA4	22	6000	-
0.09	4.5	161	2.0	306.2	BG30G06-../D06LA4	25	6000	-
0.09	3.9	192	1.7	346.8	BG30G06-../D06LA4	25	6000	-
0.09	3.4	220	1.5	401.9	BG30G06-../D06LA4	25	6000	-
0.09	2.9	260	1.25	472.8	BG30G06-../D06LA4	25	6000	-
0.09	2.4	320	1.0	565.8	BG30G06-../D06LA4	25	6000	-
0.09	2.0	385	0.84	690.6	BG30G06-../D06LA4	25	6000	-
0.09	6.1	140	3.0	221.9	BG40Z-../D06LA4	38	7000	-
0.09	5.5	156	2.7	246.5	BG40Z-../D06LA4	38	7000	-
0.09	5.0	171	2.5	273.6	BG40Z-../D06LA4	38	7000	-
0.09	3.1	170	2.7	448.8	BG40G10-../D06LA4	43	7000	-
0.09	2.6	210	2.2	534.2	BG40G10-../D06LA4	43	7000	-
0.09	2.2	275	1.7	640.0	BG40G10-../D06LA4	43	7000	-
0.09	1.9	325	1.45	710.9	BG40G10-../D06LA4	43	7000	-

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

BG-series helical-geared motors

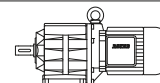
Selection helical-geared motors DHE - IE2

0.09 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.09	1.8	335	1.4	789.1	BG40G10-../D06LA4	43	7000	-
0.09	1.4	460	1.0	965.2	BG40G10-../D06LA4	43	7000	-
0.09	1.2	550	0.85	1225	BG40G10-../D06LA4	43	7000	-
0.09	2.6	210	3.3	531.5	BG50G10-../D06LA4	51	10000	-
0.09	2.2	280	2.5	621.3	BG50G10-../D06LA4	51	10000	-
0.09	2.0	300	2.3	708.3	BG50G10-../D06LA4	51	10000	-
0.09	1.8	335	2.1	785.1	BG50G10-../D06LA4	51	10000	-
0.09	1.5	420	1.65	960.2	BG50G10-../D06LA4	51	10000	-
0.09	1.2	550	1.25	1219	BG50G10-../D06LA4	51	10000	-
0.09	1.3	420	3.1	1051	BG60G20-../D06LA4	100	16000	-
0.09	1.2	465	2.8	1168	BG60G20-../D06LA4	100	16000	-
0.09	1.1	510	2.5	1346	BG60G20-../D06LA4	100	16000	-
0.09	0.95	630	2.1	1496	BG60G20-../D06LA4	100	16000	-
0.09	0.8	800	1.65	1741	BG60G20-../D06LA4	100	16000	-
0.09	0.75	870	1.5	1880	BG60G20-../D06LA4	100	16000	-
0.09	0.65	1050	1.25	2249	BG60G20-../D06LA4	100	16000	-
0.09	0.85	770	3.2	1666	BG70G20-../D06LA4	130	20000	-
0.09	0.7	980	2.6	1994	BG70G20-../D06LA4	130	20000	-
0.09	0.65	1080	2.3	2215	BG70G20-../D06LA4	130	20000	-
0.09	0.49	1510	1.65	2774	BG70G20-../D06LA4	130	20000	-
0.09	0.43	1750	1.45	3184	BG70G20-../D06LA4	130	20000	-
0.09	0.35	2200	1.15	3925	BG70G20-../D06LA4	130	20000	-

0.11 kW

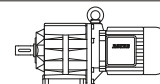


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.11	540	1.94	2.1	2.51	BG04-../D04LA4	4.4	340	-
0.11	370	2.8	1.8	3.65	BG04-../D04LA4	4.4	390	-
0.11	310	3.35	2.1	4.39	BG04-../D04LA4	4.4	380	-
0.11	255	4.1	2.2	5.36	BG04-../D04LA4	4.4	380	-
0.11	220	4.75	2.3	6.18	BG04-../D04LA4	4.4	415	-
0.11	205	5.1	1.95	6.67	BG04-../D04LA4	4.4	410	-
0.11	199	5.2	2.1	6.80	BG04-../D04LA4	4.4	420	-
0.11	158	6.6	1.65	8.58	BG04-../D04LA4	4.4	410	-
0.11	150	7.0	1.7	9.00	BG04-../D04LA4	4.4	470	-
0.11	137	7.6	1.7	9.90	BG04-../D04LA4	4.4	480	-
0.11	125	8.4	1.65	10.82	BG04-../D04LA4	4.4	480	-
0.11	114	9.2	1.65	11.90	BG04-../D04LA4	4.4	490	-
0.11	108	9.7	1.55	12.55	BG04-../D04LA4	4.4	490	-
0.11	103	10.1	1.6	13.20	BG04-../D04LA4	4.4	500	-
0.11	93	11.2	1.5	14.52	BG04-../D04LA4	4.4	510	-
0.11	83	12.6	1.45	16.44	BG04-../D04LA4	4.4	530	-
0.11	75	14	1.3	18.08	BG04-../D04LA4	4.4	540	-
0.11	64	16.4	1.15	21.12	BG04-../D04LA4	4.4	560	-
0.11	59	17.8	1.1	23.23	BG04-../D04LA4	4.4	600	-
0.11	56	18.7	1.05	24.45	BG04-../D04LA4	4.4	610	-
0.11	51	20.5	0.98	26.89	BG04-../D04LA4	4.4	650	-
0.11	44	23.5	0.85	30.91	BG04-../D04LA4	4.4	690	-
0.11	250	4.2	3.3	5.46	BG05-../D04LA4	5.1	490	-
0.11	205	5.1	3.3	6.64	BG05-../D04LA4	5.1	500	-
0.11	174	6.0	3.0	7.80	BG05-../D04LA4	5.1	530	-
0.11	166	6.3	2.9	8.15	BG05-../D04LA4	5.1	510	-
0.11	159	6.6	2.9	8.51	BG05-../D04LA4	5.1	550	-
0.11	128	8.2	2.4	10.59	BG05-../D04LA4	5.1	590	-
0.11	117	8.9	2.4	11.55	BG05-../D04LA4	5.1	600	-
0.11	113	9.2	2.3	12.05	BG05-../D04LA4	5.1	510	-
0.11	108	9.7	2.3	12.60	BG05-../D04LA4	5.1	610	-
0.11	99	10.6	2.2	13.75	BG05-../D04LA4	5.1	630	-
0.11	89	11.8	2.0	15.23	BG05-../D04LA4	5.1	640	-
0.11	82	12.8	1.95	16.62	BG05-../D04LA4	5.1	660	-
0.11	72	14.5	1.8	18.82	BG05-../D04LA4	5.1	680	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



0.11 kW

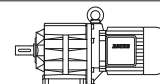
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.11	66	15.9	1.7	20.53	BG05-../D04LA4	5.1	700	-
0.11	57	18.4	1.5	24.00	BG05-../D04LA4	5.1	740	-
0.11	52	20	1.45	26.18	BG05-../D04LA4	5.1	760	-
0.11	49	21	1.45	27.82	BG05-../D04LA4	5.1	770	-
0.11	44.5	23.5	1.3	30.35	BG05-../D04LA4	5.1	760	-
0.11	39	26.5	1.15	35.00	BG05-../D04LA4	5.1	810	-
0.11	35.5	29.5	1.0	38.18	BG05-../D04LA4	5.1	850	-
0.11	34	30.5	0.98	39.94	BG05-../D04LA4	5.1	860	-
0.11	31	33.5	0.9	43.57	BG05-../D04LA4	5.1	900	-
0.11	29	36	0.83	47.00	BG05-../D04LA4	5.1	930	-
0.11	18	40*	1.0	75.99	BG06G04-../D04LA4	8.4	1070	-
0.11	16.5	43*	1.0	82.89	BG06G04-../D04LA4	8.4	1070	-
0.11	15	45*	1.0	93.00	BG06G04-../D04LA4	8.4	1070	-
0.11	13.5	45*	1.0	101.5	BG06G04-../D04LA4	8.4	1070	-
0.11	11.5	45*	1.0	122.0	BG06G04-../D04LA4	8.4	1070	-
0.11	9.1	45*	1.0	149.0	BG06G04-../D04LA4	8.4	1070	-
0.11	7.3	45*	1.0	185.4	BG06G04-../D04LA4	8.4	1070	-
0.11	5.4	45*	1.0	250.2	BG06G04-../D04LA4	8.4	1070	-
0.11	5.0	45*	1.0	275.2	BG06G04-../D04LA4	8.4	1070	-
0.11	4.1	45*	1.0	330.8	BG06G04-../D04LA4	8.4	1070	-
0.11	3.7	45*	1.0	367.0	BG06G04-../D04LA4	8.4	1070	-
0.11	3.0	45*	1.0	457.0	BG06G04-../D04LA4	8.4	1070	-
0.11	2.7	45*	1.0	502.6	BG06G04-../D04LA4	8.4	1070	-
0.11	2.3	45*	1.0	587.1	BG06G04-../D04LA4	8.4	1070	-
0.11	2.1	45*	1.0	645.8	BG06G04-../D04LA4	8.4	1070	-
0.11	1.9	45*	1.0	747.5	BG06G04-../D04LA4	8.4	1070	-
0.11	1.6	45*	1.0	859.3	BG06G04-../D04LA4	8.4	1070	-
0.11	1.5	45*	1.0	945.2	BG06G04-../D04LA4	8.4	1070	-
0.11	1.3	45*	1.0	1081	BG06G04-../D04LA4	8.4	1070	-
0.11	1.2	45*	1.0	1174	BG06G04-../D04LA4	8.4	1070	-
0.11	1.1	45*	1.0	1321	BG06G04-../D04LA4	8.4	1070	-
0.11	0.9	45*	1.0	1528	BG06G04-../D04LA4	8.4	1070	-
0.11	0.85	45*	1.0	1681	BG06G04-../D04LA4	8.4	1070	-
0.11	0.7	45*	1.0	1948	BG06G04-../D04LA4	8.4	1070	-
0.11	0.65	45*	1.0	2126	BG06G04-../D04LA4	8.4	1070	-
0.11	0.6	45*	1.0	2435	BG06G04-../D04LA4	8.4	1070	-
0.11	105	10	3.3	12.98	BG06-../D04LA4	6.1	600	-
0.11	92	11.4	3.0	14.78	BG06-../D04LA4	6.1	730	-
0.11	84	12.5	2.8	16.13	BG06-../D04LA4	6.1	740	-
0.11	78	13.4	2.8	17.40	BG06-../D04LA4	6.1	760	-
0.11	72	14.5	2.8	18.98	BG06-../D04LA4	6.1	770	-
0.11	65	16.1	2.5	20.82	BG06-../D04LA4	6.1	800	-
0.11	60	17.5	2.5	22.71	BG06-../D04LA4	6.1	810	-
0.11	53	19.8	2.3	25.48	BG06-../D04LA4	6.1	850	-
0.11	49	21	2.1	27.80	BG06-../D04LA4	6.1	840	-
0.11	42	25	1.8	32.22	BG06-../D04LA4	6.1	890	-
0.11	38.5	27	1.65	35.15	BG06-../D04LA4	6.1	880	-
0.11	37	28	1.6	36.91	BG06-../D04LA4	6.1	890	-
0.11	34	30.5	1.5	40.26	BG06-../D04LA4	6.1	890	-
0.11	29.5	35.5	1.25	46.19	BG06-../D04LA4	6.1	890	-
0.11	27	38.5	1.15	50.38	BG06-../D04LA4	6.1	940	-
0.11	26	40	1.15	52.56	BG06-../D04LA4	6.1	950	-
0.11	24	43.5	1.05	57.34	BG06-../D04LA4	6.1	1000	-
0.11	22.5	46.5	0.97	61.22	BG06-../D04LA4	6.1	1020	-
0.11	20.5	51	0.88	66.79	BG06-../D04LA4	6.1	1070	-
0.11	20	52	2.0	67.54	BG10Z-../D04LA4	11	2000	2800
0.11	17.5	60	2.0	77.40	BG10Z-../D04LA4	11	2000	2800
0.11	16	65	1.85	85.76	BG10Z-../D04LA4	11	2000	2800
0.11	15	70	1.7	92.19	BG10Z-../D04LA4	11	2000	2800
0.11	13.5	77	1.55	102.1	BG10Z-../D04LA4	11	2000	2800
0.11	12.5	84	1.45	109.8	BG10Z-../D04LA4	11	2000	2800
0.11	11.5	91	1.3	121.7	BG10Z-../D04LA4	11	2000	2800
0.11	10.5	100	1.2	131.8	BG10Z-../D04LA4	11	2000	2800
0.11	9.3	112	1.05	146.0	BG10Z-../D04LA4	11	2000	2800
0.11	8.2	128	0.94	166.0	BG10Z-../D04LA4	11	2000	2800
0.11	7.4	141	0.85	184.0	BG10Z-../D04LA4	11	2000	2800
0.11	7.0	150	0.8	194.6	BG10Z-../D04LA4	11	2000	2800

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

0.11 kW



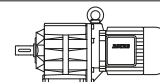
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.11	5.7	158	0.82	240.7	BG10G06-../D04LA4	14	2000	2800
0.11	4.9	130*	1.0	276.4	BG10G06-../D04LA4	14	2000	2800
0.11	4.1	130*	1.0	332.0	BG10G06-../D04LA4	14	2000	2800
0.11	3.6	130*	1.0	379.6	BG10G06-../D04LA4	14	2000	2800
0.11	3.1	130*	1.0	435.9	BG10G06-../D04LA4	14	2000	2800
0.11	2.7	130*	1.0	512.6	BG10G06-../D04LA4	14	2000	2800
0.11	2.3	130*	1.0	613.6	BG10G06-../D04LA4	14	2000	2800
0.11	1.9	130*	1.0	748.9	BG10G06-../D04LA4	14	2000	2800
0.11	1.6	130*	1.0	899.5	BG10G06-../D04LA4	14	2000	2800
0.11	1.3	130*	1.0	1081	BG10G06-../D04LA4	14	2000	2800
0.11	1.1	130*	1.0	1272	BG10G06-../D04LA4	14	2000	2800
0.11	0.9	130*	1.0	1523	BG10G06-../D04LA4	14	2000	2800
0.11	0.75	130*	1.0	1863	BG10G06-../D04LA4	14	2000	2800
0.11	0.6	130*	1.0	2356	BG10G06-../D04LA4	14	2000	2800
0.11	0.55	130*	1.0	2699	BG10G06-../D04LA4	14	2000	2800
0.11	0.46	130*	1.0	2944	BG10G06-../D04LA4	14	2000	2800
0.11	0.4	130*	1.0	3378	BG10G06-../D04LA4	14	2000	2800
0.11	0.37	130*	1.0	3684	BG10G06-../D04LA4	14	2000	2800
0.11	0.31	130*	1.0	4477	BG10G06-../D04LA4	14	2000	2800
0.11	0.28	130*	1.0	4884	BG10G06-../D04LA4	14	2000	2800
0.11	17.5	60	3.3	78.60	BG20Z-../D04LA4	13	5000	-
0.11	15.5	67	3.0	87.30	BG20Z-../D04LA4	13	5000	-
0.11	14.5	72	2.8	94.27	BG20Z-../D04LA4	13	5000	-
0.11	13	80	2.5	104.7	BG20Z-../D04LA4	13	5000	-
0.11	12	87	2.3	112.8	BG20Z-../D04LA4	13	5000	-
0.11	11	95	2.1	125.3	BG20Z-../D04LA4	13	5000	-
0.11	9.6	109	1.85	141.3	BG20Z-../D04LA4	13	5000	-
0.11	8.4	125	1.6	162.2	BG20Z-../D04LA4	13	5000	-
0.11	7.5	140	1.45	180.1	BG20Z-../D04LA4	13	5000	-
0.11	6.8	154	1.3	199.9	BG20Z-../D04LA4	13	5000	-
0.11	6.1	172	1.15	222.1	BG20Z-../D04LA4	13	5000	-
0.11	5.5	164	1.35	248.0	BG20G06-../D04LA4	17	5000	2100
0.11	4.6	199	1.1	297.9	BG20G06-../D04LA4	17	5000	2100
0.11	3.9	240	0.92	352.1	BG20G06-../D04LA4	17	5000	2100
0.11	3.5	265	0.83	391.1	BG20G06-../D04LA4	17	5000	2100
0.11	3.0	220*	1.0	460.0	BG20G06-../D04LA4	17	5000	2100
0.11	2.5	220*	1.0	550.6	BG20G06-../D04LA4	17	5000	2100
0.11	2.1	220*	1.0	671.9	BG20G06-../D04LA4	17	5000	2100
0.11	1.7	220*	1.0	807.1	BG20G06-../D04LA4	17	5000	2100
0.11	1.4	220*	1.0	969.9	BG20G06-../D04LA4	17	5000	2100
0.11	1.2	220*	1.0	1142	BG20G06-../D04LA4	17	5000	2100
0.11	1.0	220*	1.0	1366	BG20G06-../D04LA4	17	5000	2100
0.11	0.85	220*	1.0	1672	BG20G06-../D04LA4	17	5000	2100
0.11	0.75	220*	1.0	1824	BG20G06-../D04LA4	17	5000	2100
0.11	0.65	220*	1.0	2114	BG20G06-../D04LA4	17	5000	2100
0.11	0.6	220*	1.0	2422	BG20G06-../D04LA4	17	5000	2100
0.11	0.55	220*	1.0	2642	BG20G06-../D04LA4	17	5000	2100
0.11	0.45	220*	1.0	3031	BG20G06-../D04LA4	17	5000	2100
0.11	0.41	220*	1.0	3306	BG20G06-../D04LA4	17	5000	2100
0.11	0.34	220*	1.0	4017	BG20G06-../D04LA4	17	5000	2100
0.11	0.31	220*	1.0	4383	BG20G06-../D04LA4	17	5000	2100
0.11	5.3	171	1.9	254.9	BG30G06-../D04LA4	21	6000	-
0.11	4.5	200	1.65	306.2	BG30G06-../D04LA4	21	6000	-
0.11	3.9	240	1.35	346.8	BG30G06-../D04LA4	21	6000	-
0.11	3.4	275	1.2	401.9	BG30G06-../D04LA4	21	6000	-
0.11	2.9	325	1.0	472.8	BG30G06-../D04LA4	21	6000	-
0.11	2.4	395	0.82	565.8	BG30G06-../D04LA4	21	6000	-
0.11	2.0	325*	1.0	690.6	BG30G06-../D04LA4	21	6000	-
0.11	1.8	325*	1.0	760.7	BG30G06-../D04LA4	21	6000	-
0.11	1.7	325*	1.0	829.5	BG30G06-../D04LA4	21	6000	-
0.11	1.4	325*	1.0	996.8	BG30G06-../D04LA4	21	6000	-
0.11	1.3	325*	1.0	1088	BG30G06-../D04LA4	21	6000	-
0.11	1.1	325*	1.0	1280	BG30G06-../D04LA4	21	6000	-
0.11	1.0	325*	1.0	1404	BG30G06-../D04LA4	21	6000	-
0.11	0.8	325*	1.0	1718	BG30G06-../D04LA4	21	6000	-
0.11	0.75	325*	1.0	1875	BG30G06-../D04LA4	21	6000	-
0.11	0.65	325*	1.0	2173	BG30G06-../D04LA4	21	6000	-
0.11	0.5	325*	1.0	2715	BG30G06-../D04LA4	21	6000	-

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

BG-series helical-geared motors

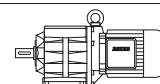
Selection helical-geared motors DHE - IE2

0.11 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.11	0.44	325*	1.0	3115	BG30G06-../D04LA4	21	6000	-
0.11	0.4	325*	1.0	3398	BG30G06-../D04LA4	21	6000	-
0.11	0.35	325*	1.0	3867	BG30G06-../D04LA4	21	6000	-
0.11	0.3	325*	1.0	4504	BG30G06-../D04LA4	21	6000	-

0.12 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.12	530	2.15	4.2	2.64	BG05-../DHE05LA4	7.0	420	-
0.12	415	2.75	3.6	3.38	BG05-../DHE05LA4	7.0	460	-
0.12	305	3.75	3.2	4.59	BG05-../DHE05LA4	7.0	490	-
0.12	255	4.45	3.1	5.46	BG05-../DHE05LA4	7.0	490	-
0.12	230	4.95	3.4	6.09	BG05-../DHE05LA4	7.0	480	-
0.12	215	5.3	3.0	6.60	BG05-../DHE05LA4	7.0	510	-
0.12	210	5.4	3.1	6.64	BG05-../DHE05LA4	7.0	500	-
0.12	179	6.4	2.8	7.80	BG05-../DHE05LA4	7.0	530	-
0.12	171	6.7	2.7	8.15	BG05-../DHE05LA4	7.0	510	-
0.12	164	6.9	2.8	8.51	BG05-../DHE05LA4	7.0	550	-
0.12	132	8.6	2.3	10.59	BG05-../DHE05LA4	7.0	590	-
0.12	121	9.4	2.2	11.55	BG05-../DHE05LA4	7.0	600	-
0.12	116	9.8	2.1	12.05	BG05-../DHE05LA4	7.0	510	-
0.12	111	10.3	2.1	12.60	BG05-../DHE05LA4	7.0	610	-
0.12	102	11.2	2.1	13.75	BG05-../DHE05LA4	7.0	630	-
0.12	92	12.4	1.95	15.23	BG05-../DHE05LA4	7.0	640	-
0.12	84	13.6	1.85	16.62	BG05-../DHE05LA4	7.0	660	-
0.12	74	15.4	1.7	18.82	BG05-../DHE05LA4	7.0	680	-
0.12	68	16.8	1.6	20.53	BG05-../DHE05LA4	7.0	700	-
0.12	58	19.7	1.4	24.00	BG05-../DHE05LA4	7.0	740	-
0.12	54	21	1.4	26.18	BG05-../DHE05LA4	7.0	760	-
0.12	50	22.5	1.35	27.82	BG05-../DHE05LA4	7.0	770	-
0.12	46	24.5	1.2	30.35	BG05-../DHE05LA4	7.0	760	-
0.12	40	28.5	1.05	35.00	BG05-../DHE05LA4	7.0	810	-
0.12	36.5	31	0.97	38.18	BG05-../DHE05LA4	7.0	850	-
0.12	35	32.5	0.92	39.94	BG05-../DHE05LA4	7.0	860	-
0.12	32	35.5	0.85	43.57	BG05-../DHE05LA4	7.0	900	-
0.12	114	10	3.3	12.30	BG06-../DHE05LA4	8.0	670	-
0.12	108	10.6	3.1	12.98	BG06-../DHE05LA4	8.0	600	-
0.12	95	12	2.8	14.78	BG06-../DHE05LA4	8.0	730	-
0.12	87	13.1	2.7	16.13	BG06-../DHE05LA4	8.0	740	-
0.12	80	14.3	2.7	17.40	BG06-../DHE05LA4	8.0	760	-
0.12	74	15.4	2.6	18.98	BG06-../DHE05LA4	8.0	770	-
0.12	67	17.1	2.3	20.82	BG06-../DHE05LA4	8.0	800	-
0.12	62	18.4	2.3	22.71	BG06-../DHE05LA4	8.0	810	-
0.12	55	20.5	2.2	25.48	BG06-../DHE05LA4	8.0	850	-
0.12	50	22.5	2.0	27.80	BG06-../DHE05LA4	8.0	840	-
0.12	43.5	26	1.75	32.22	BG06-../DHE05LA4	8.0	890	-
0.12	40	28.5	1.6	35.15	BG06-../DHE05LA4	8.0	880	-
0.12	38	30	1.5	36.91	BG06-../DHE05LA4	8.0	890	-
0.12	35	32.5	1.4	40.26	BG06-../DHE05LA4	8.0	890	-
0.12	30.5	37.5	1.2	46.19	BG06-../DHE05LA4	8.0	890	-
0.12	28	40.5	1.1	50.38	BG06-../DHE05LA4	8.0	940	-
0.12	26.5	43	1.05	52.56	BG06-../DHE05LA4	8.0	950	-
0.12	24.5	46.5	0.97	57.34	BG06-../DHE05LA4	8.0	1000	-
0.12	23	49.5	0.91	61.22	BG06-../DHE05LA4	8.0	1020	-
0.12	21	54	0.83	66.79	BG06-../DHE05LA4	8.0	1070	-
0.12	31.5	36	3.3	43.99	BG10-../DHE06LA4	13	1880	2600
0.12	30	38	3.2	46.55	BG10-../DHE06LA4	13	1920	2650
0.12	27	42	2.9	51.57	BG10-../DHE06LA4	13	2000	2800
0.12	24.5	46.5	2.6	57.48	BG10-../DHE06LA4	13	2000	2800
0.12	22	52	2.3	63.69	BG10-../DHE06LA4	13	2000	2800
0.12	21	54	2.2	66.00	BG10-../DHE06LA4	13	2000	2800
0.12	19	60	2.0	73.13	BG10-../DHE06LA4	13	2000	2800
0.12	18	63	1.9	77.40	BG10Z-../DHE06LA4	14	2000	2800

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

0.12 kW

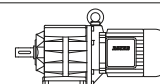


P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.12	16.5	69	1.75	85.76	BG10Z-../DHE06LA4	14	2000	2800
0.12	15.5	73	1.65	92.19	BG10Z-../DHE06LA4	14	2000	2800
0.12	14	81	1.5	102.1	BG10Z-../DHE06LA4	14	2000	2800
0.12	13	88	1.35	109.8	BG10Z-../DHE06LA4	14	2000	2800
0.12	11.5	99	1.2	121.7	BG10Z-../DHE06LA4	14	2000	2800
0.12	11	104	1.15	131.8	BG10Z-../DHE06LA4	14	2000	2800
0.12	9.5	120	1.0	146.0	BG10Z-../DHE06LA4	14	2000	2800
0.12	8.4	136	0.88	166.0	BG10Z-../DHE06LA4	14	2000	2800
0.12	7.6	150	0.8	184.0	BG10Z-../DHE06LA4	14	2000	2800
0.12	7.2	138	0.94	194.9	BG10G06-../DHE06LA4	18	2000	2800
0.12	5.8	130*	1.0	240.7	BG10G06-../DHE06LA4	18	2000	2800
0.12	5.1	130*	1.0	276.4	BG10G06-../DHE06LA4	18	2000	2800
0.12	4.2	130*	1.0	332.0	BG10G06-../DHE06LA4	18	2000	2800
0.12	3.7	130*	1.0	379.6	BG10G06-../DHE06LA4	18	2000	2800
0.12	3.2	130*	1.0	435.9	BG10G06-../DHE06LA4	18	2000	2800
0.12	2.8	130*	1.0	512.6	BG10G06-../DHE06LA4	18	2000	2800
0.12	2.3	130*	1.0	613.6	BG10G06-../DHE06LA4	18	2000	2800
0.12	1.9	130*	1.0	748.9	BG10G06-../DHE06LA4	18	2000	2800
0.12	1.6	130*	1.0	899.5	BG10G06-../DHE06LA4	18	2000	2800
0.12	1.3	130*	1.0	1081	BG10G06-../DHE06LA4	18	2000	2800
0.12	1.1	130*	1.0	1272	BG10G06-../DHE06LA4	18	2000	2800
0.12	0.95	130*	1.0	1523	BG10G06-../DHE06LA4	18	2000	2800
0.12	0.75	130*	1.0	1863	BG10G06-../DHE06LA4	18	2000	2800
0.12	0.6	130*	1.0	2356	BG10G06-../DHE06LA4	18	2000	2800
0.12	0.55	130*	1.0	2699	BG10G06-../DHE06LA4	18	2000	2800
0.12	0.48	130*	1.0	2944	BG10G06-../DHE06LA4	18	2000	2800
0.12	0.42	130*	1.0	3378	BG10G06-../DHE06LA4	18	2000	2800
0.12	0.38	130*	1.0	3684	BG10G06-../DHE06LA4	18	2000	2800
0.12	0.31	130*	1.0	4477	BG10G06-../DHE06LA4	18	2000	2800
0.12	0.29	130*	1.0	4884	BG10G06-../DHE06LA4	18	2000	2800
0.12	18	63	3.2	78.60	BG20Z-../DHE06LA4	16	5000	-
0.12	16	71	2.8	87.30	BG20Z-../DHE06LA4	16	5000	-
0.12	15	76	2.6	94.27	BG20Z-../DHE06LA4	16	5000	-
0.12	13.5	84	2.4	104.7	BG20Z-../DHE06LA4	16	5000	-
0.12	12.5	91	2.2	112.8	BG20Z-../DHE06LA4	16	5000	-
0.12	11.5	99	2.0	125.3	BG20Z-../DHE06LA4	16	5000	-
0.12	9.9	115	1.75	141.3	BG20Z-../DHE06LA4	16	5000	-
0.12	8.6	133	1.5	162.2	BG20Z-../DHE06LA4	16	5000	-
0.12	7.7	148	1.35	180.1	BG20Z-../DHE06LA4	16	5000	-
0.12	7.0	163	1.25	199.9	BG20Z-../DHE06LA4	16	5000	-
0.12	6.3	181	1.1	222.1	BG20Z-../DHE06LA4	16	5000	-
0.12	5.6	178	1.25	248.0	BG20G06-../DHE06LA4	20	5000	2100
0.12	4.7	210	1.05	297.9	BG20G06-../DHE06LA4	20	5000	2100
0.12	4.0	255	0.86	352.1	BG20G06-../DHE06LA4	20	5000	2100
0.12	3.6	220*	1.0	391.1	BG20G06-../DHE06LA4	20	5000	2100
0.12	3.1	220*	1.0	460.0	BG20G06-../DHE06LA4	20	5000	2100
0.12	2.6	220*	1.0	550.6	BG20G06-../DHE06LA4	20	5000	2100
0.12	2.1	220*	1.0	671.9	BG20G06-../DHE06LA4	20	5000	2100
0.12	1.8	220*	1.0	807.1	BG20G06-../DHE06LA4	20	5000	2100
0.12	1.5	220*	1.0	969.9	BG20G06-../DHE06LA4	20	5000	2100
0.12	1.3	220*	1.0	1142	BG20G06-../DHE06LA4	20	5000	2100
0.12	1.1	220*	1.0	1366	BG20G06-../DHE06LA4	20	5000	2100
0.12	0.85	220*	1.0	1672	BG20G06-../DHE06LA4	20	5000	2100
0.12	0.8	220*	1.0	1824	BG20G06-../DHE06LA4	20	5000	2100
0.12	0.7	220*	1.0	2114	BG20G06-../DHE06LA4	20	5000	2100
0.12	0.6	220*	1.0	2422	BG20G06-../DHE06LA4	20	5000	2100
0.12	0.55	220*	1.0	2642	BG20G06-../DHE06LA4	20	5000	2100
0.12	0.46	220*	1.0	3031	BG20G06-../DHE06LA4	20	5000	2100
0.12	0.42	220*	1.0	3306	BG20G06-../DHE06LA4	20	5000	2100
0.12	0.35	220*	1.0	4017	BG20G06-../DHE06LA4	20	5000	2100
0.12	0.32	220*	1.0	4383	BG20G06-../DHE06LA4	20	5000	2100
0.12	11.5	99	3.0	121.6	BG30Z-../DHE06LA4	22	6000	-
0.12	11	104	2.9	128.5	BG30Z-../DHE06LA4	22	6000	-
0.12	9.8	116	2.6	142.5	BG30Z-../DHE06LA4	22	6000	-
0.12	9.2	124	2.4	151.5	BG30Z-../DHE06LA4	22	6000	-
0.12	8.3	138	2.2	168.1	BG30Z-../DHE06LA4	22	6000	-
0.12	7.6	150	2.0	182.9	BG30Z-../DHE06LA4	22	6000	-
0.12	6.9	166	1.8	202.9	BG30Z-../DHE06LA4	22	6000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



0.12 kW

P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.12	6.2	184	1.65	225.9	BG30Z-../DHE06LA4	22	6000	-
0.12	5.6	200	1.5	250.6	BG30Z-../DHE06LA4	22	6000	-
0.12	5.3	215	1.4	261.9	BG30Z-../DHE06LA4	22	6000	-
0.12	4.8	235	1.3	290.5	BG30Z-../DHE06LA4	22	6000	-
0.12	4.6	215	1.5	306.2	BG30G06-../DHE06LA4	25	6000	-
0.12	4.0	255	1.25	346.8	BG30G06-../DHE06LA4	25	6000	-
0.12	3.5	295	1.1	401.9	BG30G06-../DHE06LA4	25	6000	-
0.12	3.0	345	0.94	472.8	BG30G06-../DHE06LA4	25	6000	-
0.12	2.5	325*	1.0	565.8	BG30G06-../DHE06LA4	25	6000	-
0.12	2.1	325*	1.0	690.6	BG30G06-../DHE06LA4	25	6000	-
0.12	1.9	325*	1.0	760.7	BG30G06-../DHE06LA4	25	6000	-
0.12	1.7	325*	1.0	829.5	BG30G06-../DHE06LA4	25	6000	-
0.12	1.4	325*	1.0	996.8	BG30G06-../DHE06LA4	25	6000	-
0.12	1.3	325*	1.0	1088	BG30G06-../DHE06LA4	25	6000	-
0.12	1.1	325*	1.0	1280	BG30G06-../DHE06LA4	25	6000	-
0.12	1.0	325*	1.0	1404	BG30G06-../DHE06LA4	25	6000	-
0.12	0.85	325*	1.0	1718	BG30G06-../DHE06LA4	25	6000	-
0.12	0.75	325*	1.0	1875	BG30G06-../DHE06LA4	25	6000	-
0.12	0.65	325*	1.0	2173	BG30G06-../DHE06LA4	25	6000	-
0.12	0.55	325*	1.0	2715	BG30G06-../DHE06LA4	25	6000	-
0.12	0.45	325*	1.0	3115	BG30G06-../DHE06LA4	25	6000	-
0.12	0.41	325*	1.0	3398	BG30G06-../DHE06LA4	25	6000	-
0.12	0.36	325*	1.0	3867	BG30G06-../DHE06LA4	25	6000	-
0.12	0.31	325*	1.0	4504	BG30G06-../DHE06LA4	25	6000	-
0.12	8.9	128	3.3	156.9	BG40Z-../DHE06LA4	38	7000	-
0.12	8.4	136	3.1	166.1	BG40Z-../DHE06LA4	38	7000	-
0.12	7.6	150	2.8	184.4	BG40Z-../DHE06LA4	38	7000	-
0.12	7.0	163	2.6	199.9	BG40Z-../DHE06LA4	38	7000	-
0.12	6.3	181	2.3	221.9	BG40Z-../DHE06LA4	38	7000	-
0.12	5.7	200	2.1	246.5	BG40Z-../DHE06LA4	38	7000	-
0.12	5.1	220	1.95	273.6	BG40Z-../DHE06LA4	38	7000	-
0.12	4.8	148	3.1	288.6	BG40G10-../DHE06LA4	43	7000	-
0.12	4.0	187	2.5	353.5	BG40G10-../DHE06LA4	43	7000	-
0.12	3.1	260	1.8	448.8	BG40G10-../DHE06LA4	43	7000	-
0.12	2.6	320	1.45	534.2	BG40G10-../DHE06LA4	43	7000	-
0.12	2.2	405	1.15	640.0	BG40G10-../DHE06LA4	43	7000	-
0.12	2.0	445	1.05	710.9	BG40G10-../DHE06LA4	43	7000	-
0.12	1.8	495	0.94	789.1	BG40G10-../DHE06LA4	43	7000	-
0.12	1.5	465*	1.0	965.2	BG40G10-../DHE06LA4	43	7000	-
0.12	1.2	465*	1.0	1225	BG40G10-../DHE06LA4	43	7000	-
0.12	0.95	465*	1.0	1459	BG40G10-../DHE06LA4	43	7000	-
0.12	0.8	465*	1.0	1738	BG40G10-../DHE06LA4	43	7000	-
0.12	0.7	465*	1.0	2087	BG40G10-../DHE06LA4	43	7000	-
0.12	0.55	465*	1.0	2628	BG40G10-../DHE06LA4	43	7000	-
0.12	0.45	465*	1.0	3082	BG40G10-../DHE06LA4	43	7000	-
0.12	0.37	465*	1.0	3805	BG40G10-../DHE06LA4	43	7000	-
0.12	0.33	465*	1.0	4216	BG40G10-../DHE06LA4	43	7000	-
0.12	0.29	465*	1.0	4841	BG40G10-../DHE06LA4	43	7000	-
0.12	5.4	210	3.0	258.6	BG50Z-../DHE06LA4	47	10000	-
0.12	4.9	230	2.7	286.7	BG50Z-../DHE06LA4	47	10000	-
0.12	3.2	250	2.8	446.5	BG50G10-../DHE06LA4	51	10000	-
0.12	2.7	305	2.3	531.5	BG50G10-../DHE06LA4	51	10000	-
0.12	2.3	385	1.8	621.3	BG50G10-../DHE06LA4	51	10000	-
0.12	2.0	445	1.55	708.3	BG50G10-../DHE06LA4	51	10000	-
0.12	1.8	495	1.4	785.1	BG50G10-../DHE06LA4	51	10000	-
0.12	1.5	610	1.15	960.2	BG50G10-../DHE06LA4	51	10000	-
0.12	1.2	790	0.87	1219	BG50G10-../DHE06LA4	51	10000	-
0.12	1.0	690*	1.0	1452	BG50G10-../DHE06LA4	51	10000	-
0.12	0.85	690*	1.0	1729	BG50G10-../DHE06LA4	51	10000	-
0.12	0.7	690*	1.0	2076	BG50G10-../DHE06LA4	51	10000	-
0.12	0.55	690*	1.0	2615	BG50G10-../DHE06LA4	51	10000	-
0.12	0.46	690*	1.0	3066	BG50G10-../DHE06LA4	51	10000	-
0.12	0.37	690*	1.0	3786	BG50G10-../DHE06LA4	51	10000	-
0.12	0.34	690*	1.0	4195	BG50G10-../DHE06LA4	51	10000	-
0.12	0.29	690*	1.0	4816	BG50G10-../DHE06LA4	51	10000	-
0.12	1.8	430	3.0	804.5	BG60G20-../DHE06LA4	100	16000	-
0.12	1.6	490	2.7	891.5	BG60G20-../DHE06LA4	100	16000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

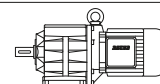
0.12 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.12	1.4	570	2.3	1051	BG60G20-../DHE06LA4	100	16000	-
0.12	1.2	700	1.85	1168	BG60G20-../DHE06LA4	100	16000	-
0.12	1.1	770	1.7	1346	BG60G20-../DHE06LA4	100	16000	-
0.12	0.95	930	1.4	1496	BG60G20-../DHE06LA4	100	16000	-
0.12	0.8	1160	1.1	1741	BG60G20-../DHE06LA4	100	16000	-
0.12	0.75	1250	1.05	1880	BG60G20-../DHE06LA4	100	16000	-
0.12	0.65	1300*	1.0	2249	BG60G20-../DHE06LA4	100	16000	-
0.12	0.5	1300*	1.0	2818	BG60G20-../DHE06LA4	100	16000	-
0.12	0.43	1300*	1.0	3234	BG60G20-../DHE06LA4	100	16000	-
0.12	0.39	1300*	1.0	3592	BG60G20-../DHE06LA4	100	16000	-
0.12	0.32	1300*	1.0	4429	BG60G20-../DHE06LA4	100	16000	-
0.12	1.0	900	2.8	1389	BG70G20-../DHE06LA4	130	20000	-
0.12	0.9	1030	2.4	1543	BG70G20-../DHE06LA4	130	20000	-
0.12	0.85	1100	2.3	1666	BG70G20-../DHE06LA4	130	20000	-
0.12	0.7	1390	1.8	1994	BG70G20-../DHE06LA4	130	20000	-
0.12	0.65	1520	1.65	2215	BG70G20-../DHE06LA4	130	20000	-
0.12	0.5	2050	1.2	2774	BG70G20-../DHE06LA4	130	20000	-
0.12	0.44	2350	1.05	3184	BG70G20-../DHE06LA4	130	20000	-
0.12	0.36	2500*	1.0	3925	BG70G20-../DHE06LA4	130	20000	-

6

0.18 kW

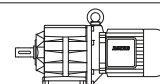


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.18	530	3.2	2.8	2.64	BG05-../DHE05LA4	7.0	420	-
0.18	410	4.15	2.4	3.38	BG05-../DHE05LA4	7.0	460	-
0.18	300	5.7	2.1	4.59	BG05-../DHE05LA4	7.0	490	-
0.18	255	6.7	2.1	5.46	BG05-../DHE05LA4	7.0	490	-
0.18	230	7.4	2.3	6.09	BG05-../DHE05LA4	7.0	480	-
0.18	210	8.1	2.1	6.64	BG05-../DHE05LA4	7.0	500	-
0.18	177	9.7	1.85	7.80	BG05-../DHE05LA4	7.0	530	-
0.18	169	10.1	1.8	8.15	BG05-../DHE05LA4	7.0	510	-
0.18	162	10.6	1.8	8.51	BG05-../DHE05LA4	7.0	550	-
0.18	133	12.9	1.45	10.40	BG05-../DHE05LA4	7.0	510	-
0.18	130	13.2	1.5	10.59	BG05-../DHE05LA4	7.0	590	-
0.18	120	14.3	1.45	11.55	BG05-../DHE05LA4	7.0	600	-
0.18	115	14.9	1.4	12.05	BG05-../DHE05LA4	7.0	510	-
0.18	110	15.6	1.4	12.60	BG05-../DHE05LA4	7.0	610	-
0.18	100	17.1	1.35	13.75	BG05-../DHE05LA4	7.0	630	-
0.18	91	18.8	1.3	15.23	BG05-../DHE05LA4	7.0	640	-
0.18	83	20.5	1.2	16.62	BG05-../DHE05LA4	7.0	660	-
0.18	74	23	1.15	18.82	BG05-../DHE05LA4	7.0	680	-
0.18	67	25.5	1.05	20.53	BG05-../DHE05LA4	7.0	700	-
0.18	58	29.5	0.95	24.00	BG05-../DHE05LA4	7.0	740	-
0.18	53	32	0.91	26.18	BG05-../DHE05LA4	7.0	760	-
0.18	49.5	34.5	0.87	27.82	BG05-../DHE05LA4	7.0	770	-
0.18	45.5	37.5	0.8	30.35	BG05-../DHE05LA4	7.0	760	-
0.18	235	7.3	3.3	5.96	BG06-../DHE05LA4	8.0	570	-
0.18	197	8.7	3.0	7.01	BG06-../DHE05LA4	8.0	580	-
0.18	164	10.4	2.7	8.39	BG06-../DHE05LA4	8.0	600	-
0.18	147	11.6	2.6	9.38	BG06-../DHE05LA4	8.0	640	-
0.18	135	12.7	2.4	10.24	BG06-../DHE05LA4	8.0	640	-
0.18	122	14	2.3	11.28	BG06-../DHE05LA4	8.0	670	-
0.18	112	15.3	2.2	12.30	BG06-../DHE05LA4	8.0	670	-
0.18	106	16.2	2.0	12.98	BG06-../DHE05LA4	8.0	600	-
0.18	94	18.2	1.85	14.78	BG06-../DHE05LA4	8.0	730	-
0.18	86	19.9	1.75	16.13	BG06-../DHE05LA4	8.0	740	-
0.18	80	21	1.8	17.40	BG06-../DHE05LA4	8.0	760	-
0.18	73	23.5	1.7	18.98	BG06-../DHE05LA4	8.0	770	-
0.18	67	25.5	1.55	20.82	BG06-../DHE05LA4	8.0	800	-
0.18	61	28	1.55	22.71	BG06-../DHE05LA4	8.0	810	-
0.18	54	31.5	1.45	25.48	BG06-../DHE05LA4	8.0	850	-
0.18	49.5	34.5	1.3	27.80	BG06-../DHE05LA4	8.0	840	-
0.18	43	39.5	1.15	32.22	BG06-../DHE05LA4	8.0	890	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



0.18 kW

P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.18	39.5	43.5	1.05	35.15	BG06-../DHE05LA4	8.0	880	-
0.18	37.5	45.5	0.99	36.91	BG06-../DHE05LA4	8.0	890	-
0.18	34.5	49.5	0.91	40.26	BG06-../DHE05LA4	8.0	890	-
0.18	47.5	36	3.3	29.09	BG10-../DHE06LA4	13	1540	2150
0.18	43.5	39.5	3.0	31.52	BG10-../DHE06LA4	13	1600	2200
0.18	39.5	43.5	2.8	34.92	BG10-../DHE06LA4	13	1690	2350
0.18	35	49	2.4	39.70	BG10-../DHE06LA4	13	1780	2450
0.18	31.5	54	2.2	43.99	BG10-../DHE06LA4	13	1880	2600
0.18	29.5	58	2.1	46.55	BG10-../DHE06LA4	13	1920	2650
0.18	27	63	1.9	51.57	BG10-../DHE06LA4	13	2000	2800
0.18	24	71	1.7	57.48	BG10-../DHE06LA4	13	2000	2800
0.18	22	78	1.55	63.69	BG10-../DHE06LA4	13	2000	2800
0.18	21	81	1.5	66.00	BG10-../DHE06LA4	13	2000	2800
0.18	19	90	1.35	73.13	BG10-../DHE06LA4	13	2000	2800
0.18	18	95	1.25	77.40	BG10Z-../DHE06LA4	14	2000	2800
0.18	16	107	1.1	85.76	BG10Z-../DHE06LA4	14	2000	2800
0.18	15	114	1.05	92.19	BG10Z-../DHE06LA4	14	2000	2800
0.18	13.5	127	0.94	102.1	BG10Z-../DHE06LA4	14	2000	2800
0.18	12.5	137	0.88	109.8	BG10Z-../DHE06LA4	14	2000	2800
0.18	11.5	149	0.81	121.7	BG10Z-../DHE06LA4	14	2000	2800
0.18	36.5	47	3.2	37.90	BG15-../DHE06LA4	13	3000	6000
0.18	26	66	3.0	53.22	BG20-../DHE06LA4	16	4950	-
0.18	23.5	73	2.7	59.07	BG20-../DHE06LA4	16	5000	-
0.18	21	81	2.5	65.62	BG20-../DHE06LA4	16	5000	-
0.18	20.5	83	2.4	67.53	BG20Z-../DHE06LA4	16	5000	-
0.18	18.5	92	2.2	75.00	BG20Z-../DHE06LA4	16	5000	-
0.18	17.5	98	2.0	78.60	BG20Z-../DHE06LA4	16	5000	-
0.18	16	107	1.85	87.30	BG20Z-../DHE06LA4	16	5000	-
0.18	15	114	1.75	94.27	BG20Z-../DHE06LA4	16	5000	-
0.18	13.5	127	1.55	104.7	BG20Z-../DHE06LA4	16	5000	-
0.18	12.5	137	1.45	112.8	BG20Z-../DHE06LA4	16	5000	-
0.18	11	156	1.3	125.3	BG20Z-../DHE06LA4	16	5000	-
0.18	9.7	177	1.15	141.3	BG20Z-../DHE06LA4	16	5000	-
0.18	8.5	200	1.0	162.2	BG20Z-../DHE06LA4	16	5000	-
0.18	7.7	220	0.91	180.1	BG20Z-../DHE06LA4	16	5000	-
0.18	6.9	245	0.82	199.9	BG20Z-../DHE06LA4	16	5000	-
0.18	21	81	3.3	65.79	BG30Z-../DHE06LA4	22	6000	-
0.18	19	90	3.3	73.51	BG30Z-../DHE06LA4	22	6000	-
0.18	17	101	3.0	81.55	BG30Z-../DHE06LA4	22	6000	-
0.18	16	107	2.8	86.13	BG30Z-../DHE06LA4	22	6000	-
0.18	14.5	118	2.5	95.55	BG30Z-../DHE06LA4	22	6000	-
0.18	12.5	137	2.2	109.6	BG30Z-../DHE06LA4	22	6000	-
0.18	11.5	149	2.0	121.6	BG30Z-../DHE06LA4	22	6000	-
0.18	11	156	1.9	128.5	BG30Z-../DHE06LA4	22	6000	-
0.18	9.7	177	1.7	142.5	BG30Z-../DHE06LA4	22	6000	-
0.18	9.1	188	1.6	151.5	BG30Z-../DHE06LA4	22	6000	-
0.18	8.2	205	1.45	168.1	BG30Z-../DHE06LA4	22	6000	-
0.18	7.5	225	1.35	182.9	BG30Z-../DHE06LA4	22	6000	-
0.18	6.8	250	1.2	202.9	BG30Z-../DHE06LA4	22	6000	-
0.18	6.1	280	1.05	225.9	BG30Z-../DHE06LA4	22	6000	-
0.18	5.3	320	0.94	261.9	BG30Z-../DHE06LA4	22	6000	-
0.18	4.8	355	0.85	290.5	BG30Z-../DHE06LA4	22	6000	-
0.18	4.5	350	0.93	306.2	BG30G06-../DHE06LA4	25	6000	-
0.18	4.0	400	0.81	346.8	BG30G06-../DHE06LA4	25	6000	-
0.18	13	132	3.2	107.5	BG40Z-../DHE06LA4	38	7000	-
0.18	11.5	149	2.9	121.3	BG40Z-../DHE06LA4	38	7000	-
0.18	10.5	163	2.6	134.6	BG40Z-../DHE06LA4	38	7000	-
0.18	9.7	177	2.4	141.4	BG40Z-../DHE06LA4	38	7000	-
0.18	8.8	195	2.2	156.9	BG40Z-../DHE06LA4	38	7000	-
0.18	8.3	205	2.1	166.1	BG40Z-../DHE06LA4	38	7000	-
0.18	7.5	225	1.9	184.4	BG40Z-../DHE06LA4	38	7000	-
0.18	6.9	245	1.75	199.9	BG40Z-../DHE06LA4	38	7000	-
0.18	6.2	275	1.55	221.9	BG40Z-../DHE06LA4	38	7000	-
0.18	5.6	305	1.4	246.5	BG40Z-../DHE06LA4	38	7000	-
0.18	5.1	335	1.25	273.6	BG40Z-../DHE06LA4	38	7000	-

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

BG-series helical-geared motors

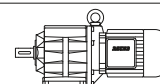
Selection helical-geared motors DHE - IE2

0.18 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.18	4.8	265	1.75	288.6	BG40G10-../DHE06LA4	43	7000	-
0.18	3.9	340	1.35	353.5	BG40G10-../DHE06LA4	43	7000	-
0.18	3.1	445	1.05	448.8	BG40G10-../DHE06LA4	43	7000	-
0.18	2.6	540	0.86	534.2	BG40G10-../DHE06LA4	43	7000	-
0.18	8.4	200	3.2	164.9	BG50Z-../DHE06LA4	47	10000	-
0.18	7.5	225	2.8	182.8	BG50Z-../DHE06LA4	47	10000	-
0.18	6.7	255	2.5	204.7	BG50Z-../DHE06LA4	47	10000	-
0.18	6.1	280	2.3	226.9	BG50Z-../DHE06LA4	47	10000	-
0.18	5.3	320	1.95	258.6	BG50Z-../DHE06LA4	47	10000	-
0.18	4.8	355	1.75	286.7	BG50Z-../DHE06LA4	47	10000	-
0.18	3.9	340	2.0	351.7	BG50G10-../DHE06LA4	51	10000	-
0.18	3.1	445	1.55	446.5	BG50G10-../DHE06LA4	51	10000	-
0.18	2.6	540	1.3	531.5	BG50G10-../DHE06LA4	51	10000	-
0.18	2.3	630	1.1	621.3	BG50G10-../DHE06LA4	51	10000	-
0.18	2.0	730	0.95	708.3	BG50G10-../DHE06LA4	51	10000	-
0.18	1.8	810	0.85	785.1	BG50G10-../DHE06LA4	51	10000	-
0.18	2.8	465	2.8	504.9	BG60G20-../DHE06LA4	100	16000	-
0.18	2.5	520	2.5	559.5	BG60G20-../DHE06LA4	100	16000	-
0.18	2.2	610	2.1	651.3	BG60G20-../DHE06LA4	100	16000	-
0.18	1.8	750	1.75	804.5	BG60G20-../DHE06LA4	100	16000	-
0.18	1.6	840	1.55	891.5	BG60G20-../DHE06LA4	100	16000	-
0.18	1.4	980	1.35	1051	BG60G20-../DHE06LA4	100	16000	-
0.18	1.2	1180	1.1	1168	BG60G20-../DHE06LA4	100	16000	-
0.18	1.1	1290	1.0	1346	BG60G20-../DHE06LA4	100	16000	-
0.18	1.8	750	3.3	790.2	BG70G20-../DHE06LA4	130	20000	-
0.18	1.6	860	2.9	877.6	BG70G20-../DHE06LA4	130	20000	-
0.18	1.4	1000	2.5	1035	BG70G20-../DHE06LA4	130	20000	-
0.18	1.2	1190	2.1	1193	BG70G20-../DHE06LA4	130	20000	-
0.18	1.0	1470	1.7	1389	BG70G20-../DHE06LA4	130	20000	-
0.18	0.9	1670	1.5	1543	BG70G20-../DHE06LA4	130	20000	-
0.18	0.85	1780	1.4	1666	BG70G20-../DHE06LA4	130	20000	-
0.18	0.7	2200	1.15	1994	BG70G20-../DHE06LA4	130	20000	-
0.18	0.65	2400	1.05	2215	BG70G20-../DHE06LA4	130	20000	-

0.25 kW

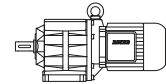


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.25	530	4.5	2.0	2.64	BG05-../DHE07LA4	11	420	-
0.25	410	5.8	1.7	3.38	BG05-../DHE07LA4	11	460	-
0.25	300	7.9	1.5	4.59	BG05-../DHE07LA4	11	490	-
0.25	255	9.3	1.5	5.46	BG05-../DHE07LA4	11	490	-
0.25	230	10.3	1.65	6.09	BG05-../DHE07LA4	11	480	-
0.25	210	11.3	1.5	6.64	BG05-../DHE07LA4	11	500	-
0.25	177	13.4	1.35	7.80	BG05-../DHE07LA4	11	530	-
0.25	169	14.1	1.3	8.15	BG05-../DHE07LA4	11	510	-
0.25	162	14.7	1.3	8.51	BG05-../DHE07LA4	11	550	-
0.25	133	17.9	1.05	10.40	BG05-../DHE07LA4	11	510	-
0.25	130	18.3	1.1	10.59	BG05-../DHE07LA4	11	590	-
0.25	120	19.8	1.05	11.55	BG05-../DHE07LA4	11	600	-
0.25	115	20.5	1.0	12.05	BG05-../DHE07LA4	11	510	-
0.25	110	21.5	1.0	12.60	BG05-../DHE07LA4	11	610	-
0.25	100	23.5	0.98	13.75	BG05-../DHE07LA4	11	630	-
0.25	91	26	0.92	15.23	BG05-../DHE07LA4	11	640	-
0.25	83	28.5	0.88	16.62	BG05-../DHE07LA4	11	660	-
0.25	74	32	0.81	18.82	BG05-../DHE07LA4	11	680	-
0.25	365	6.5	3.1	3.78	BG06-../DHE07LA4	12	520	-
0.25	305	7.8	2.8	4.54	BG06-../DHE07LA4	12	530	-
0.25	235	10.1	2.4	5.96	BG06-../DHE07LA4	12	570	-
0.25	197	12.1	2.1	7.01	BG06-../DHE07LA4	12	580	-
0.25	164	14.5	1.95	8.39	BG06-../DHE07LA4	12	600	-
0.25	147	16.2	1.85	9.38	BG06-../DHE07LA4	12	640	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



0.25 kW

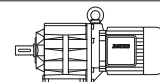
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.25	135	17.6	1.75	10.24	BG06-../DHE07LA4	12	640	-
0.25	122	19.5	1.65	11.28	BG06-../DHE07LA4	12	670	-
0.25	112	21	1.55	12.30	BG06-../DHE07LA4	12	670	-
0.25	106	22.5	1.45	12.98	BG06-../DHE07LA4	12	600	-
0.25	94	25	1.35	14.78	BG06-../DHE07LA4	12	730	-
0.25	86	27.5	1.25	16.13	BG06-../DHE07LA4	12	740	-
0.25	80	29.5	1.3	17.40	BG06-../DHE07LA4	12	760	-
0.25	73	32.5	1.25	18.98	BG06-../DHE07LA4	12	770	-
0.25	67	35.5	1.15	20.82	BG06-../DHE07LA4	12	800	-
0.25	61	39	1.1	22.71	BG06-../DHE07LA4	12	810	-
0.25	54	44	1.0	25.48	BG06-../DHE07LA4	12	850	-
0.25	49.5	48	0.94	27.80	BG06-../DHE07LA4	12	840	-
0.25	43	55	0.82	32.22	BG06-../DHE07LA4	12	890	-
0.25	63	37.5	3.2	22.04	BG10-../DHE07LA4	15	1330	1860
0.25	57	41.5	2.9	24.42	BG10-../DHE07LA4	15	1410	1970
0.25	53	45	2.7	26.26	BG10-../DHE07LA4	15	1460	2000
0.25	47.5	50	2.4	29.09	BG10-../DHE07LA4	15	1540	2150
0.25	44	54	2.2	31.52	BG10-../DHE07LA4	15	1600	2200
0.25	39.5	60	2.0	34.92	BG10-../DHE07LA4	15	1690	2350
0.25	35	68	1.75	39.70	BG10-../DHE07LA4	15	1780	2450
0.25	31.5	75	1.6	43.99	BG10-../DHE07LA4	15	1880	2600
0.25	30	79	1.5	46.55	BG10-../DHE07LA4	15	1920	2650
0.25	27	88	1.35	51.57	BG10-../DHE07LA4	15	2000	2800
0.25	24	99	1.2	57.48	BG10-../DHE07LA4	15	2000	2800
0.25	22	108	1.1	63.69	BG10-../DHE07LA4	15	2000	2800
0.25	21	113	1.05	66.00	BG10-../DHE07LA4	15	2000	2800
0.25	19	125	0.96	73.13	BG10-../DHE07LA4	15	2000	2800
0.25	18	132	0.91	77.40	BG10Z-../DHE07LA4	16	2000	2800
0.25	16.5	144	0.83	85.76	BG10Z-../DHE07LA4	16	2000	2800
0.25	51	46.5	3.2	27.08	BG15-../DHE07LA4	15	3000	6000
0.25	46	51	2.9	30.08	BG15-../DHE07LA4	15	3000	6000
0.25	40.5	58	2.6	34.20	BG15-../DHE07LA4	15	3000	6000
0.25	36.5	65	2.3	37.90	BG15-../DHE07LA4	15	3000	6000
0.25	37.5	63	3.2	37.02	BG20-../DHE07LA4	18	4300	-
0.25	33	72	2.8	41.76	BG20-../DHE07LA4	18	4500	-
0.25	30	79	2.5	46.38	BG20-../DHE07LA4	18	4700	-
0.25	29	82	2.4	47.92	BG20-../DHE07LA4	18	4750	-
0.25	26	91	2.2	53.22	BG20-../DHE07LA4	18	4950	-
0.25	23.5	101	2.0	59.07	BG20-../DHE07LA4	18	5000	-
0.25	21	113	1.75	65.62	BG20-../DHE07LA4	18	5000	-
0.25	20.5	116	1.7	67.53	BG20Z-../DHE07LA4	19	5000	-
0.25	18.5	129	1.55	75.00	BG20Z-../DHE07LA4	19	5000	-
0.25	17.5	136	1.45	78.60	BG20Z-../DHE07LA4	19	5000	-
0.25	16	149	1.35	87.30	BG20Z-../DHE07LA4	19	5000	-
0.25	15	159	1.25	94.27	BG20Z-../DHE07LA4	19	5000	-
0.25	13.5	176	1.15	104.7	BG20Z-../DHE07LA4	19	5000	-
0.25	12.5	191	1.05	112.8	BG20Z-../DHE07LA4	19	5000	-
0.25	11	215	0.93	125.3	BG20Z-../DHE07LA4	19	5000	-
0.25	9.8	240	0.83	141.3	BG20Z-../DHE07LA4	19	5000	-
0.25	26.5	90	3.3	52.44	BG30-../DHE07LA4	22	6000	-
0.25	24	99	3.0	58.18	BG30-../DHE07LA4	22	6000	-
0.25	23	103	2.9	60.79	BG30-../DHE07LA4	22	6000	-
0.25	20.5	116	2.6	67.44	BG30-../DHE07LA4	22	6000	-
0.25	19	125	2.4	73.51	BG30Z-../DHE07LA4	25	6000	-
0.25	17	140	2.1	81.55	BG30Z-../DHE07LA4	25	6000	-
0.25	16	149	2.0	86.13	BG30Z-../DHE07LA4	25	6000	-
0.25	14.5	164	1.85	95.55	BG30Z-../DHE07LA4	25	6000	-
0.25	13	183	1.65	109.6	BG30Z-../DHE07LA4	25	6000	-
0.25	11.5	205	1.45	121.6	BG30Z-../DHE07LA4	25	6000	-
0.25	11	215	1.4	128.5	BG30Z-../DHE07LA4	25	6000	-
0.25	9.7	245	1.2	142.5	BG30Z-../DHE07LA4	25	6000	-
0.25	9.1	260	1.15	151.5	BG30Z-../DHE07LA4	25	6000	-
0.25	8.2	290	1.05	168.1	BG30Z-../DHE07LA4	25	6000	-
0.25	7.6	310	0.97	182.9	BG30Z-../DHE07LA4	25	6000	-
0.25	6.8	350	0.86	202.9	BG30Z-../DHE07LA4	25	6000	-

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

BG-series helical-geared motors

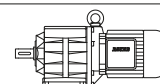
Selection helical-geared motors DHE - IE2

0.25 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.25	18.5	129	3.3	75.19	BG40Z-../DHE07LA4	40	7000	-
0.25	17	140	3.0	82.00	BG40Z-../DHE07LA4	40	7000	-
0.25	15.5	154	2.8	91.02	BG40Z-../DHE07LA4	40	7000	-
0.25	14.5	164	2.6	96.86	BG40Z-../DHE07LA4	40	7000	-
0.25	13	183	2.3	107.5	BG40Z-../DHE07LA4	40	7000	-
0.25	11.5	205	2.1	121.3	BG40Z-../DHE07LA4	40	7000	-
0.25	10.5	225	1.9	134.6	BG40Z-../DHE07LA4	40	7000	-
0.25	9.8	240	1.75	141.4	BG40Z-../DHE07LA4	40	7000	-
0.25	8.8	270	1.55	156.9	BG40Z-../DHE07LA4	40	7000	-
0.25	8.3	285	1.5	166.1	BG40Z-../DHE07LA4	40	7000	-
0.25	7.5	315	1.35	184.4	BG40Z-../DHE07LA4	40	7000	-
0.25	6.9	345	1.25	199.9	BG40Z-../DHE07LA4	40	7000	-
0.25	6.2	385	1.1	221.9	BG40Z-../DHE07LA4	40	7000	-
0.25	5.6	425	1.0	246.5	BG40Z-../DHE07LA4	40	7000	-
0.25	5.1	465	0.91	273.6	BG40Z-../DHE07LA4	40	7000	-
0.25	4.8	405	1.15	288.6	BG40G10-../DHE07LA4	46	7000	-
0.25	3.9	510	0.91	353.5	BG40G10-../DHE07LA4	46	7000	-
0.25	11	215	2.9	128.9	BG50Z-../DHE07LA4	50	10000	-
0.25	9.7	245	2.6	142.9	BG50Z-../DHE07LA4	50	10000	-
0.25	8.4	280	2.3	164.9	BG50Z-../DHE07LA4	50	10000	-
0.25	7.6	310	2.0	182.8	BG50Z-../DHE07LA4	50	10000	-
0.25	6.8	350	1.8	204.7	BG50Z-../DHE07LA4	50	10000	-
0.25	6.1	390	1.6	226.9	BG50Z-../DHE07LA4	50	10000	-
0.25	5.4	440	1.45	258.6	BG50Z-../DHE07LA4	50	10000	-
0.25	4.8	495	1.25	286.7	BG50Z-../DHE07LA4	50	10000	-
0.25	4.0	495	1.4	351.7	BG50G10-../DHE07LA4	54	10000	-
0.25	3.1	660	1.05	446.5	BG50G10-../DHE07LA4	54	10000	-
0.25	2.6	800	0.86	531.5	BG50G10-../DHE07LA4	54	10000	-
0.25	4.5	400	3.3	306.1	BG60G20-../DHE07LA4	102	16000	-
0.25	4.2	425	3.1	334.3	BG60G20-../DHE07LA4	102	16000	-
0.25	3.8	470	2.8	370.5	BG60G20-../DHE07LA4	102	16000	-
0.25	3.2	580	2.2	437.3	BG60G20-../DHE07LA4	102	16000	-
0.25	2.8	700	1.85	504.9	BG60G20-../DHE07LA4	102	16000	-
0.25	2.5	790	1.65	559.5	BG60G20-../DHE07LA4	102	16000	-
0.25	2.2	920	1.4	651.3	BG60G20-../DHE07LA4	102	16000	-
0.25	1.8	1120	1.15	804.5	BG60G20-../DHE07LA4	102	16000	-
0.25	1.6	1260	1.05	891.5	BG60G20-../DHE07LA4	102	16000	-
0.25	1.4	1460	0.89	1051	BG60G20-../DHE07LA4	102	16000	-
0.25	2.4	840	3.0	577.3	BG70G20-../DHE07LA4	132	20000	-
0.25	2.1	960	2.6	665.8	BG70G20-../DHE07LA4	132	20000	-
0.25	1.8	1120	2.2	790.2	BG70G20-../DHE07LA4	132	20000	-
0.25	1.6	1280	1.95	877.6	BG70G20-../DHE07LA4	132	20000	-
0.25	1.4	1480	1.7	1035	BG70G20-../DHE07LA4	132	20000	-
0.25	1.2	1750	1.45	1193	BG70G20-../DHE07LA4	132	20000	-
0.25	1.0	2100	1.2	1389	BG70G20-../DHE07LA4	132	20000	-
0.25	0.9	2400	1.05	1543	BG70G20-../DHE07LA4	132	20000	-

0.3 kW

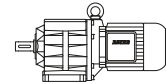


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.3	520	5.5	1.65	2.64	BG05-../DHE07LA4	11	420	-
0.3	405	7.0	1.45	3.38	BG05-../DHE07LA4	11	460	-
0.3	300	9.5	1.25	4.59	BG05-../DHE07LA4	11	490	-
0.3	250	11.4	1.25	5.46	BG05-../DHE07LA4	11	490	-
0.3	225	12.7	1.35	6.09	BG05-../DHE07LA4	11	480	-
0.3	210	13.6	1.2	6.60	BG05-../DHE07LA4	11	510	-
0.3	205	13.9	1.2	6.64	BG05-../DHE07LA4	11	500	-
0.3	175	16.3	1.1	7.80	BG05-../DHE07LA4	11	530	-
0.3	167	17.1	1.05	8.15	BG05-../DHE07LA4	11	510	-
0.3	160	17.9	1.05	8.51	BG05-../DHE07LA4	11	550	-
0.3	129	22	0.91	10.59	BG05-../DHE07LA4	11	590	-
0.3	118	24	0.88	11.55	BG05-../DHE07LA4	11	600	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



0.3 kW

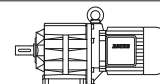
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.3	113	25	0.84	12.05	BG05-../DHE07LA4	11	510	-
0.3	108	26.5	0.83	12.60	BG05-../DHE07LA4	11	610	-
0.3	99	28.5	0.81	13.75	BG05-../DHE07LA4	11	630	-
0.3	360	7.9	2.5	3.78	BG06-../DHE07LA4	12	520	-
0.3	300	9.5	2.3	4.54	BG06-../DHE07LA4	12	530	-
0.3	230	12.4	1.95	5.96	BG06-../DHE07LA4	12	570	-
0.3	195	14.6	1.8	7.01	BG06-../DHE07LA4	12	580	-
0.3	163	17.5	1.6	8.39	BG06-../DHE07LA4	12	600	-
0.3	145	19.7	1.5	9.38	BG06-../DHE07LA4	12	640	-
0.3	133	21.5	1.45	10.24	BG06-../DHE07LA4	12	640	-
0.3	121	23.5	1.35	11.28	BG06-../DHE07LA4	12	670	-
0.3	111	25.5	1.3	12.30	BG06-../DHE07LA4	12	670	-
0.3	105	27	1.2	12.98	BG06-../DHE07LA4	12	600	-
0.3	93	30.5	1.1	14.78	BG06-../DHE07LA4	12	730	-
0.3	85	33.5	1.05	16.13	BG06-../DHE07LA4	12	740	-
0.3	79	36	1.05	17.40	BG06-../DHE07LA4	12	760	-
0.3	72	39.5	1.0	18.98	BG06-../DHE07LA4	12	770	-
0.3	66	43	0.93	20.82	BG06-../DHE07LA4	12	800	-
0.3	60	47.5	0.91	22.71	BG06-../DHE07LA4	12	810	-
0.3	54	53	0.85	25.48	BG06-../DHE07LA4	12	850	-
0.3	74	38.5	3.1	18.51	BG10-../DHE07LA4	15	1210	1690
0.3	67	42.5	2.8	20.51	BG10-../DHE07LA4	15	1290	1800
0.3	62	46	2.6	22.04	BG10-../DHE07LA4	15	1330	1860
0.3	56	51	2.4	24.42	BG10-../DHE07LA4	15	1410	1970
0.3	52	55	2.2	26.26	BG10-../DHE07LA4	15	1460	2000
0.3	47	60	2.0	29.09	BG10-../DHE07LA4	15	1540	2150
0.3	43.5	65	1.85	31.52	BG10-../DHE07LA4	15	1600	2200
0.3	39	73	1.65	34.92	BG10-../DHE07LA4	15	1690	2350
0.3	34.5	83	1.45	39.70	BG10-../DHE07LA4	15	1780	2450
0.3	31	92	1.3	43.99	BG10-../DHE07LA4	15	1880	2600
0.3	29.5	97	1.25	46.55	BG10-../DHE07LA4	15	1920	2650
0.3	26.5	108	1.1	51.57	BG10-../DHE07LA4	15	2000	2800
0.3	24	119	1.0	57.48	BG10-../DHE07LA4	15	2000	2800
0.3	21	136	0.88	66.00	BG10-../DHE07LA4	15	2000	2800
0.3	19	150	0.8	73.13	BG10-../DHE07LA4	15	2000	2800
0.3	51	56	2.7	27.08	BG15-../DHE07LA4	15	3000	6000
0.3	45.5	62	2.4	30.08	BG15-../DHE07LA4	15	3000	6000
0.3	40	71	2.1	34.20	BG15-../DHE07LA4	15	3000	6000
0.3	36	79	1.9	37.90	BG15-../DHE07LA4	15	3000	6000
0.3	44	65	3.1	30.94	BG20-../DHE07LA4	18	4000	-
0.3	41	69	2.9	33.33	BG20-../DHE07LA4	18	4100	-
0.3	37	77	2.6	37.02	BG20-../DHE07LA4	18	4300	-
0.3	33	86	2.3	41.76	BG20-../DHE07LA4	18	4500	-
0.3	29.5	97	2.1	46.38	BG20-../DHE07LA4	18	4700	-
0.3	28.5	100	2.0	47.92	BG20-../DHE07LA4	18	4750	-
0.3	26	110	1.8	53.22	BG20-../DHE07LA4	18	4950	-
0.3	23.5	121	1.65	59.07	BG20-../DHE07LA4	18	5000	-
0.3	21	136	1.45	65.62	BG20-../DHE07LA4	18	5000	-
0.3	20.5	139	1.45	67.53	BG20Z-../DHE07LA4	19	5000	-
0.3	18.5	154	1.3	75.00	BG20Z-../DHE07LA4	19	5000	-
0.3	17.5	163	1.25	78.60	BG20Z-../DHE07LA4	19	5000	-
0.3	16	179	1.1	87.30	BG20Z-../DHE07LA4	19	5000	-
0.3	14.5	197	1.0	94.27	BG20Z-../DHE07LA4	19	5000	-
0.3	13	220	0.91	104.7	BG20Z-../DHE07LA4	19	5000	-
0.3	12.5	225	0.89	112.8	BG20Z-../DHE07LA4	19	5000	-
0.3	29	98	3.1	47.11	BG30-../DHE07LA4	22	6000	-
0.3	26	110	2.7	52.44	BG30-../DHE07LA4	22	6000	-
0.3	23.5	121	2.5	58.18	BG30-../DHE07LA4	22	6000	-
0.3	22.5	127	2.4	60.79	BG30-../DHE07LA4	22	6000	-
0.3	20.5	139	2.2	67.44	BG30-../DHE07LA4	22	6000	-
0.3	19	150	2.0	73.51	BG30Z-../DHE07LA4	25	6000	-
0.3	17	168	1.8	81.55	BG30Z-../DHE07LA4	25	6000	-
0.3	16	179	1.7	86.13	BG30Z-../DHE07LA4	25	6000	-
0.3	14.5	197	1.5	95.55	BG30Z-../DHE07LA4	25	6000	-
0.3	12.5	225	1.35	109.6	BG30Z-../DHE07LA4	25	6000	-

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

BG-series helical-geared motors

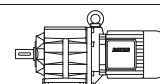
Selection helical-geared motors DHE - IE2

0.3 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.3	11.5	245	1.2	121.6	BG30Z-../DHE07LA4	25	6000	-
0.3	11	260	1.15	128.5	BG30Z-../DHE07LA4	25	6000	-
0.3	9.6	295	1.0	142.5	BG30Z-../DHE07LA4	25	6000	-
0.3	9.0	315	0.95	151.5	BG30Z-../DHE07LA4	25	6000	-
0.3	8.1	350	0.86	168.1	BG30Z-../DHE07LA4	25	6000	-
0.3	20.5	139	3.1	67.74	BG40Z-../DHE07LA4	40	7000	-
0.3	18.5	154	2.8	75.19	BG40Z-../DHE07LA4	40	7000	-
0.3	17	168	2.5	82.00	BG40Z-../DHE07LA4	40	7000	-
0.3	14.5	197	2.2	96.86	BG40Z-../DHE07LA4	40	7000	-
0.3	13	220	1.95	107.5	BG40Z-../DHE07LA4	40	7000	-
0.3	11.5	245	1.75	121.3	BG40Z-../DHE07LA4	40	7000	-
0.3	10.5	270	1.55	134.6	BG40Z-../DHE07LA4	40	7000	-
0.3	9.7	295	1.45	141.4	BG40Z-../DHE07LA4	40	7000	-
0.3	8.7	325	1.3	156.9	BG40Z-../DHE07LA4	40	7000	-
0.3	8.2	345	1.25	166.1	BG40Z-../DHE07LA4	40	7000	-
0.3	7.4	385	1.1	184.4	BG40Z-../DHE07LA4	40	7000	-
0.3	6.9	415	1.0	199.9	BG40Z-../DHE07LA4	40	7000	-
0.3	6.2	460	0.92	221.9	BG40Z-../DHE07LA4	40	7000	-
0.3	5.6	510	0.83	246.5	BG40Z-../DHE07LA4	40	7000	-
0.3	4.8	500	0.93	288.6	BG40G10-../DHE07LA4	46	7000	-
0.3	14.5	197	3.2	95.58	BG50Z-../DHE07LA4	50	10000	-
0.3	13	220	2.9	106.0	BG50Z-../DHE07LA4	50	10000	-
0.3	11	260	2.4	128.9	BG50Z-../DHE07LA4	50	10000	-
0.3	9.6	295	2.1	142.9	BG50Z-../DHE07LA4	50	10000	-
0.3	8.3	345	1.85	164.9	BG50Z-../DHE07LA4	50	10000	-
0.3	7.5	380	1.65	182.8	BG50Z-../DHE07LA4	50	10000	-
0.3	6.7	425	1.5	204.7	BG50Z-../DHE07LA4	50	10000	-
0.3	6.0	475	1.35	226.9	BG50Z-../DHE07LA4	50	10000	-
0.3	5.3	540	1.15	258.6	BG50Z-../DHE07LA4	50	10000	-
0.3	4.8	590	1.05	286.7	BG50Z-../DHE07LA4	50	10000	-
0.3	3.9	630	1.1	351.7	BG50G10-../DHE07LA4	54	10000	-
0.3	3.1	810	0.85	446.5	BG50G10-../DHE07LA4	54	10000	-
0.3	5.0	455	2.9	276.2	BG60G20-../DHE07LA4	102	16000	-
0.3	4.5	500	2.6	306.1	BG60G20-../DHE07LA4	102	16000	-
0.3	4.1	550	2.4	334.3	BG60G20-../DHE07LA4	102	16000	-
0.3	3.7	610	2.1	370.5	BG60G20-../DHE07LA4	102	16000	-
0.3	3.2	730	1.8	437.3	BG60G20-../DHE07LA4	102	16000	-
0.3	2.7	910	1.45	504.9	BG60G20-../DHE07LA4	102	16000	-
0.3	2.5	980	1.35	559.5	BG60G20-../DHE07LA4	102	16000	-
0.3	2.1	1190	1.1	651.3	BG60G20-../DHE07LA4	102	16000	-
0.3	1.7	1480	0.88	804.5	BG60G20-../DHE07LA4	102	16000	-
0.3	1.6	1560	0.83	891.5	BG60G20-../DHE07LA4	102	16000	-
0.3	2.8	870	2.9	495.9	BG70G20-../DHE07LA4	132	20000	-
0.3	2.4	1040	2.4	577.3	BG70G20-../DHE07LA4	132	20000	-
0.3	2.1	1190	2.1	665.8	BG70G20-../DHE07LA4	132	20000	-
0.3	1.8	1390	1.8	790.2	BG70G20-../DHE07LA4	132	20000	-
0.3	1.6	1580	1.6	877.6	BG70G20-../DHE07LA4	132	20000	-
0.3	1.4	1820	1.35	1035	BG70G20-../DHE07LA4	132	20000	-
0.3	1.2	2150	1.15	1193	BG70G20-../DHE07LA4	132	20000	-
0.3	1.0	2600	0.96	1389	BG70G20-../DHE07LA4	132	20000	-

0.37 kW

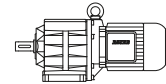


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.37	510	6.9	2.6	2.82	BG06-../DHE08MA4	16	470	-
0.37	380	9.2	2.2	3.78	BG06-../DHE08MA4	16	520	-
0.37	315	11.2	1.95	4.54	BG06-../DHE08MA4	16	530	-
0.37	240	14.7	1.65	5.96	BG06-../DHE08MA4	16	570	-
0.37	205	17.2	1.5	7.01	BG06-../DHE08MA4	16	580	-
0.37	187	18.8	1.5	7.65	BG06-../DHE08MA4	16	580	-
0.37	171	20.5	1.35	8.39	BG06-../DHE08MA4	16	600	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



0.37 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.37	153	23	1.3	9.38	BG06-../DHE08MA4	16	640	-
0.37	140	25	1.25	10.24	BG06-../DHE08MA4	16	640	-
0.37	127	27.5	1.15	11.28	BG06-../DHE08MA4	16	670	-
0.37	117	30	1.1	12.30	BG06-../DHE08MA4	16	670	-
0.37	111	31.5	1.05	12.98	BG06-../DHE08MA4	16	600	-
0.37	97	36	0.94	14.78	BG06-../DHE08MA4	16	730	-
0.37	89	39.5	0.89	16.13	BG06-../DHE08MA4	16	740	-
0.37	83	42.5	0.89	17.40	BG06-../DHE08MA4	16	760	-
0.37	76	46	0.87	18.98	BG06-../DHE08MA4	16	770	-
0.37	99	35.5	3.2	14.58	BG10-../DHE08MA4	16	1100	1540
0.37	89	39.5	3.0	16.15	BG10-../DHE08MA4	16	1140	1590
0.37	78	45	2.7	18.51	BG10-../DHE08MA4	16	1210	1690
0.37	70	50	2.4	20.51	BG10-../DHE08MA4	16	1290	1800
0.37	65	54	2.2	22.04	BG10-../DHE08MA4	16	1330	1860
0.37	59	59	2.0	24.42	BG10-../DHE08MA4	16	1410	1970
0.37	55	64	1.9	26.26	BG10-../DHE08MA4	16	1460	2000
0.37	49.5	71	1.7	29.09	BG10-../DHE08MA4	16	1540	2150
0.37	45.5	77	1.55	31.52	BG10-../DHE08MA4	16	1600	2200
0.37	41	86	1.4	34.92	BG10-../DHE08MA4	16	1690	2350
0.37	36.5	96	1.25	39.70	BG10-../DHE08MA4	16	1780	2450
0.37	33	107	1.1	43.99	BG10-../DHE08MA4	16	1880	2600
0.37	31	113	1.05	46.55	BG10-../DHE08MA4	16	1920	2650
0.37	28	126	0.95	51.57	BG10-../DHE08MA4	16	2000	2800
0.37	25	141	0.85	57.48	BG10-../DHE08MA4	16	2000	2800
0.37	53	66	2.3	27.08	BG15-../DHE08MA4	16	3000	6000
0.37	48	73	2.1	30.08	BG15-../DHE08MA4	16	3000	6000
0.37	42	84	1.8	34.20	BG15-../DHE08MA4	16	3000	6000
0.37	38	92	1.65	37.90	BG15-../DHE08MA4	16	3000	6000
0.37	56	63	3.2	25.79	BG20-../DHE08MA4	19	3700	-
0.37	52	67	3.0	27.85	BG20-../DHE08MA4	19	3800	-
0.37	46.5	75	2.7	30.94	BG20-../DHE08MA4	19	4000	-
0.37	43	82	2.4	33.33	BG20-../DHE08MA4	19	4100	-
0.37	39	90	2.2	37.02	BG20-../DHE08MA4	19	4300	-
0.37	34.5	102	1.95	41.76	BG20-../DHE08MA4	19	4500	-
0.37	31	113	1.75	46.38	BG20-../DHE08MA4	19	4700	-
0.37	30	117	1.7	47.92	BG20-../DHE08MA4	19	4750	-
0.37	27	130	1.55	53.22	BG20-../DHE08MA4	19	4950	-
0.37	24.5	144	1.4	59.07	BG20-../DHE08MA4	19	5000	-
0.37	22	160	1.25	65.62	BG20-../DHE08MA4	19	5000	-
0.37	21.5	164	1.2	67.53	BG20Z-../DHE08MA4	20	5000	-
0.37	19.5	181	1.1	75.00	BG20Z-../DHE08MA4	20	5000	-
0.37	18.5	191	1.05	78.60	BG20Z-../DHE08MA4	20	5000	-
0.37	16.5	210	0.95	87.30	BG20Z-../DHE08MA4	20	5000	-
0.37	15.5	225	0.89	94.27	BG20Z-../DHE08MA4	20	5000	-
0.37	14	250	0.8	104.7	BG20Z-../DHE08MA4	20	5000	-
0.37	37	95	3.2	39.02	BG30-../DHE08MA4	23	5800	-
0.37	34	103	2.9	42.46	BG30-../DHE08MA4	23	5900	-
0.37	30.5	115	2.6	47.11	BG30-../DHE08MA4	23	6000	-
0.37	27.5	128	2.3	52.44	BG30-../DHE08MA4	23	6000	-
0.37	25	141	2.1	58.18	BG30-../DHE08MA4	23	6000	-
0.37	24	147	2.0	60.79	BG30-../DHE08MA4	23	6000	-
0.37	21.5	164	1.85	67.44	BG30-../DHE08MA4	23	6000	-
0.37	19.5	181	1.65	73.51	BG30Z-../DHE08MA4	26	6000	-
0.37	18	196	1.55	81.55	BG30Z-../DHE08MA4	26	6000	-
0.37	17	205	1.45	86.13	BG30Z-../DHE08MA4	26	6000	-
0.37	15	235	1.3	95.55	BG30Z-../DHE08MA4	26	6000	-
0.37	13.5	260	1.15	109.6	BG30Z-../DHE08MA4	26	6000	-
0.37	12	290	1.05	121.6	BG30Z-../DHE08MA4	26	6000	-
0.37	11.5	305	0.98	128.5	BG30Z-../DHE08MA4	26	6000	-
0.37	10.5	335	0.9	142.5	BG30Z-../DHE08MA4	26	6000	-
0.37	9.5	370	0.81	151.5	BG30Z-../DHE08MA4	26	6000	-
0.37	27	130	3.3	53.69	BG40-../DHE08MA4	38	7000	-
0.37	24	147	2.9	59.64	BG40-../DHE08MA4	38	7000	-
0.37	22	160	2.7	66.20	BG40-../DHE08MA4	38	7000	-
0.37	21.5	164	2.6	67.74	BG40Z-../DHE08MA4	42	7000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

0.37 kW



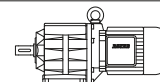
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
0.37	19.5	181	2.3	75.19	BG40Z-../DHE08MA4	42	7000	-
0.37	17.5	200	2.1	82.00	BG40Z-../DHE08MA4	42	7000	-
0.37	16	220	1.95	91.02	BG40Z-../DHE08MA4	42	7000	-
0.37	15	235	1.8	96.86	BG40Z-../DHE08MA4	42	7000	-
0.37	13.5	260	1.65	107.5	BG40Z-../DHE08MA4	42	7000	-
0.37	12	290	1.45	121.3	BG40Z-../DHE08MA4	42	7000	-
0.37	11	320	1.35	134.6	BG40Z-../DHE08MA4	42	7000	-
0.37	10.5	335	1.25	141.4	BG40Z-../DHE08MA4	42	7000	-
0.37	9.2	380	1.1	156.9	BG40Z-../DHE08MA4	42	7000	-
0.37	8.7	405	1.05	166.1	BG40Z-../DHE08MA4	42	7000	-
0.37	7.8	450	0.94	184.4	BG40Z-../DHE08MA4	42	7000	-
0.37	7.2	490	0.87	199.9	BG40Z-../DHE08MA4	42	7000	-
0.37	18	196	3.2	79.78	BG50Z-../DHE08MA4	51	10000	-
0.37	15	235	2.7	95.58	BG50Z-../DHE08MA4	51	10000	-
0.37	13.5	260	2.4	106.0	BG50Z-../DHE08MA4	51	10000	-
0.37	11.5	305	2.1	128.9	BG50Z-../DHE08MA4	51	10000	-
0.37	10.5	335	1.9	142.9	BG50Z-../DHE08MA4	51	10000	-
0.37	8.7	405	1.55	164.9	BG50Z-../DHE08MA4	51	10000	-
0.37	7.9	445	1.4	182.8	BG50Z-../DHE08MA4	51	10000	-
0.37	7.0	500	1.25	204.7	BG50Z-../DHE08MA4	51	10000	-
0.37	6.4	550	1.15	226.9	BG50Z-../DHE08MA4	51	10000	-
0.37	5.6	630	1.0	258.6	BG50Z-../DHE08MA4	51	10000	-
0.37	5.0	700	0.9	286.7	BG50Z-../DHE08MA4	51	10000	-
0.37	4.1	760	0.91	351.7	BG50G10-../DHE08MA4	55	10000	-
0.37	9.1	385	3.1	158.0	BG60Z-../DHE08MA4	96	16000	-
0.37	8.2	430	2.8	175.1	BG60Z-../DHE08MA4	96	16000	-
0.37	7.0	500	2.4	204.6	BG60Z-../DHE08MA4	96	16000	-
0.37	6.4	550	2.2	226.7	BG60Z-../DHE08MA4	96	16000	-
0.37	5.8	600	2.0	247.7	BG60Z-../DHE08MA4	96	16000	-
0.37	5.3	660	1.8	274.5	BG60Z-../DHE08MA4	96	16000	-
0.37	5.2	560	2.3	276.2	BG60G20-../DHE08MA4	103	16000	-
0.37	4.7	620	2.1	306.1	BG60G20-../DHE08MA4	103	16000	-
0.37	4.3	680	1.9	334.3	BG60G20-../DHE08MA4	103	16000	-
0.37	3.9	750	1.75	370.5	BG60G20-../DHE08MA4	103	16000	-
0.37	3.3	900	1.45	437.3	BG60G20-../DHE08MA4	103	16000	-
0.37	2.9	1060	1.25	504.9	BG60G20-../DHE08MA4	103	16000	-
0.37	2.6	1190	1.1	559.5	BG60G20-../DHE08MA4	103	16000	-
0.37	2.2	1440	0.9	651.3	BG60G20-../DHE08MA4	103	16000	-
0.37	3.7	800	3.1	387.6	BG70G20-../DHE08MA4	133	20000	-
0.37	3.5	880	2.8	417.8	BG70G20-../DHE08MA4	133	20000	-
0.37	2.9	1070	2.3	495.9	BG70G20-../DHE08MA4	133	20000	-
0.37	2.5	1260	2.0	577.3	BG70G20-../DHE08MA4	133	20000	-
0.37	2.2	1430	1.75	665.8	BG70G20-../DHE08MA4	133	20000	-
0.37	1.9	1650	1.5	790.2	BG70G20-../DHE08MA4	133	20000	-
0.37	1.7	1870	1.35	877.6	BG70G20-../DHE08MA4	133	20000	-
0.37	1.4	2300	1.1	1035	BG70G20-../DHE08MA4	133	20000	-
0.37	1.2	2700	0.93	1193	BG70G20-../DHE08MA4	133	20000	-
0.37	1.1	2950	0.85	1389	BG70G20-../DHE08MA4	133	20000	-
0.37	1.8	1440	3.2	817.4	BG80G40-../DHE08MA4	215	26000	-
0.37	1.6	1670	2.8	907.6	BG80G40-../DHE08MA4	215	26000	-
0.37	1.4	1980	2.3	1042	BG80G40-../DHE08MA4	215	26000	-
0.37	1.2	2400	1.9	1261	BG80G40-../DHE08MA4	215	26000	-
0.37	1.1	2650	1.75	1400	BG80G40-../DHE08MA4	215	26000	-
0.37	0.9	3350	1.35	1653	BG80G40-../DHE08MA4	215	26000	-
0.37	0.7	4500	1.0	2070	BG80G40-../DHE08MA4	215	26000	-
0.37	0.95	3000	3.1	1583	BG90G50-../DHE08MA4	324	65000	-
0.37	0.85	3450	2.7	1756	BG90G50-../DHE08MA4	324	65000	-
0.37	0.75	4000	2.3	2026	BG90G50-../DHE08MA4	324	65000	-
0.37	0.6	5200	1.75	2514	BG90G50-../DHE08MA4	324	65000	-
0.37	0.55	5700	1.6	2786	BG90G50-../DHE08MA4	324	65000	-
0.37	0.46	7000	1.3	3177	BG90G50-../DHE08MA4	324	65000	-
0.37	0.41	7900	1.15	3521	BG90G50-../DHE08MA4	324	65000	-
0.37	0.4	6300	2.9	3644	BG100G50-../DHE08MA4	512	90000	-
0.37	0.33	8200	2.3	4366	BG100G50-../DHE08MA4	512	90000	-

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

BG-series helical-geared motors

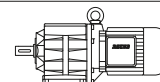
Selection helical-geared motors DHE - IE2

0.37 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.37	0.3	9200	2.0	4839	BG100G50-../DHE08MA4	512	90000	-
0.37	0.25	11600	1.6	5888	BG100G50-../DHE08MA4	512	90000	-
0.37	0.22	13500	1.35	6529	BG100G50-../DHE08MA4	512	90000	-
0.37	0.19	16000	1.15	7533	BG100G50-../DHE08MA4	512	90000	-
0.37	0.18	17100	1.1	8350	BG100G50-../DHE08MA4	512	90000	-

0.55 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.55	510	10.2	1.75	2.82	BG06-../DHE08LA4	18	470	-
0.55	375	14	1.45	3.78	BG06-../DHE08LA4	18	520	-
0.55	315	16.6	1.35	4.54	BG06-../DHE08LA4	18	530	-
0.55	240	21.5	1.1	5.96	BG06-../DHE08LA4	18	570	-
0.55	205	25.5	1.0	7.01	BG06-../DHE08LA4	18	580	-
0.55	185	28	1.0	7.65	BG06-../DHE08LA4	18	580	-
0.55	169	31	0.9	8.39	BG06-../DHE08LA4	18	600	-
0.55	151	34.5	0.87	9.38	BG06-../DHE08LA4	18	640	-
0.55	139	37.5	0.83	10.24	BG06-../DHE08LA4	18	640	-
0.55	210	25	3.2	6.78	BG10-../DHE08LA4	18	660	920
0.55	186	28	3.2	7.63	BG10-../DHE08LA4	18	900	1250
0.55	176	29.5	3.0	8.07	BG10-../DHE08LA4	18	660	920
0.55	152	34.5	2.8	9.33	BG10-../DHE08LA4	18	950	1330
0.55	137	38	2.6	10.34	BG10-../DHE08LA4	18	1000	1400
0.55	119	44	2.4	11.92	BG10-../DHE08LA4	18	1030	1440
0.55	108	48.5	2.3	13.21	BG10-../DHE08LA4	18	1070	1490
0.55	98	53	2.2	14.58	BG10-../DHE08LA4	18	1100	1540
0.55	88	59	2.0	16.15	BG10-../DHE08LA4	18	1140	1590
0.55	77	68	1.75	18.51	BG10-../DHE08LA4	18	1210	1690
0.55	69	76	1.6	20.51	BG10-../DHE08LA4	18	1290	1800
0.55	65	80	1.5	22.04	BG10-../DHE08LA4	18	1330	1860
0.55	58	90	1.35	24.42	BG10-../DHE08LA4	18	1410	1970
0.55	54	97	1.25	26.26	BG10-../DHE08LA4	18	1460	2000
0.55	49	107	1.1	29.09	BG10-../DHE08LA4	18	1540	2150
0.55	45	116	1.05	31.52	BG10-../DHE08LA4	18	1600	2200
0.55	41	128	0.94	34.92	BG10-../DHE08LA4	18	1690	2350
0.55	36	145	0.83	39.70	BG10-../DHE08LA4	18	1780	2450
0.55	53	99	1.5	27.08	BG15-../DHE08LA4	18	3000	6000
0.55	47.5	110	1.35	30.08	BG15-../DHE08LA4	18	3000	6000
0.55	41.5	126	1.2	34.20	BG15-../DHE08LA4	18	3000	6000
0.55	37.5	140	1.05	37.90	BG15-../DHE08LA4	18	3000	6000
0.55	97	54	3.2	14.67	BG20-../DHE08LA4	20	3050	-
0.55	91	57	3.1	15.58	BG20-../DHE08LA4	20	3100	-
0.55	82	64	2.9	17.31	BG20-../DHE08LA4	20	3200	-
0.55	71	73	2.7	19.95	BG20-../DHE08LA4	20	3350	-
0.55	64	82	2.4	22.16	BG20-../DHE08LA4	20	3500	-
0.55	61	86	2.3	23.22	BG20-../DHE08LA4	20	3550	-
0.55	55	95	2.1	25.79	BG20-../DHE08LA4	20	3700	-
0.55	51	102	1.95	27.85	BG20-../DHE08LA4	20	3800	-
0.55	46	114	1.75	30.94	BG20-../DHE08LA4	20	4000	-
0.55	42.5	123	1.65	33.33	BG20-../DHE08LA4	20	4100	-
0.55	38.5	136	1.45	37.02	BG20-../DHE08LA4	20	4300	-
0.55	34	154	1.3	41.76	BG20-../DHE08LA4	20	4500	-
0.55	31	169	1.2	46.38	BG20-../DHE08LA4	20	4700	-
0.55	30	175	1.15	47.92	BG20-../DHE08LA4	20	4750	-
0.55	27	194	1.05	53.22	BG20-../DHE08LA4	20	4950	-
0.55	24	215	0.93	59.07	BG20-../DHE08LA4	20	5000	-
0.55	22	235	0.85	65.62	BG20-../DHE08LA4	20	5000	-
0.55	21	250	0.8	67.53	BG20Z-../DHE08LA4	22	5000	-
0.55	56	93	3.2	25.45	BG30-../DHE08LA4	25	4850	-
0.55	51	102	2.9	28.24	BG30-../DHE08LA4	25	5100	-
0.55	47.5	110	2.7	29.83	BG30-../DHE08LA4	25	5200	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

0.55 kW

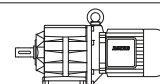


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.55	43	122	2.5	33.09	BG30-../DHE08LA4	25	5400	-
0.55	40.5	129	2.3	35.17	BG30-../DHE08LA4	25	5500	-
0.55	36.5	143	2.1	39.02	BG30-../DHE08LA4	25	5800	-
0.55	33.5	156	1.9	42.46	BG30-../DHE08LA4	25	5900	-
0.55	30.5	172	1.75	47.11	BG30-../DHE08LA4	25	6000	-
0.55	27	194	1.55	52.44	BG30-../DHE08LA4	25	6000	-
0.55	24.5	210	1.45	58.18	BG30-../DHE08LA4	25	6000	-
0.55	23.5	220	1.35	60.79	BG30-../DHE08LA4	25	6000	-
0.55	21	250	1.2	67.44	BG30-../DHE08LA4	25	6000	-
0.55	19.5	265	1.15	73.51	BG30Z-../DHE08LA4	28	6000	-
0.55	17.5	300	1.0	81.55	BG30Z-../DHE08LA4	28	6000	-
0.55	16.5	315	0.95	86.13	BG30Z-../DHE08LA4	28	6000	-
0.55	15	350	0.86	95.55	BG30Z-../DHE08LA4	28	6000	-
0.55	37.5	140	3.0	37.96	BG40-../DHE08LA4	40	7000	-
0.55	35.5	147	2.9	40.19	BG40-../DHE08LA4	40	7000	-
0.55	32	164	2.6	44.62	BG40-../DHE08LA4	40	7000	-
0.55	29.5	178	2.4	48.36	BG40-../DHE08LA4	40	7000	-
0.55	26.5	198	2.1	53.69	BG40-../DHE08LA4	40	7000	-
0.55	24	215	2.0	59.64	BG40-../DHE08LA4	40	7000	-
0.55	21.5	240	1.75	66.20	BG40-../DHE08LA4	40	7000	-
0.55	21	250	1.7	67.74	BG40Z-../DHE08LA4	43	7000	-
0.55	19	275	1.55	75.19	BG40Z-../DHE08LA4	43	7000	-
0.55	17.5	300	1.4	82.00	BG40Z-../DHE08LA4	43	7000	-
0.55	16	325	1.3	91.02	BG40Z-../DHE08LA4	43	7000	-
0.55	15	350	1.2	96.86	BG40Z-../DHE08LA4	43	7000	-
0.55	13.5	385	1.1	107.5	BG40Z-../DHE08LA4	43	7000	-
0.55	12	435	0.98	121.3	BG40Z-../DHE08LA4	43	7000	-
0.55	11	475	0.89	134.6	BG40Z-../DHE08LA4	43	7000	-
0.55	10.5	500	0.85	141.4	BG40Z-../DHE08LA4	43	7000	-
0.55	27.5	191	3.3	52.12	BG50-../DHE08LA4	48	10000	-
0.55	24	215	2.9	59.42	BG50-../DHE08LA4	48	10000	-
0.55	21.5	240	2.6	65.86	BG50-../DHE08LA4	48	10000	-
0.55	20	260	2.4	71.97	BG50Z-../DHE08LA4	52	10000	-
0.55	18	290	2.2	79.78	BG50Z-../DHE08LA4	52	10000	-
0.55	15	350	1.8	95.58	BG50Z-../DHE08LA4	52	10000	-
0.55	13.5	385	1.65	106.0	BG50Z-../DHE08LA4	52	10000	-
0.55	11	475	1.35	128.9	BG50Z-../DHE08LA4	52	10000	-
0.55	10	520	1.2	142.9	BG50Z-../DHE08LA4	52	10000	-
0.55	8.6	610	1.05	164.9	BG50Z-../DHE08LA4	52	10000	-
0.55	7.8	670	0.94	182.8	BG50Z-../DHE08LA4	52	10000	-
0.55	7.0	750	0.84	204.7	BG50Z-../DHE08LA4	52	10000	-
0.55	14.5	360	3.3	101.0	BG60Z-../DHE08LA4	97	16000	-
0.55	12	435	2.8	119.2	BG60Z-../DHE08LA4	97	16000	-
0.55	11	475	2.5	132.1	BG60Z-../DHE08LA4	97	16000	-
0.55	9.0	580	2.1	158.0	BG60Z-../DHE08LA4	97	16000	-
0.55	8.1	640	1.9	175.1	BG60Z-../DHE08LA4	97	16000	-
0.55	7.0	750	1.6	204.6	BG60Z-../DHE08LA4	97	16000	-
0.55	6.3	830	1.45	226.7	BG60Z-../DHE08LA4	97	16000	-
0.55	5.8	900	1.35	247.7	BG60Z-../DHE08LA4	97	16000	-
0.55	5.2	1010	1.2	274.5	BG60Z-../DHE08LA4	97	16000	-
0.55	4.7	980	1.35	306.1	BG60G20-../DHE08LA4	105	16000	-
0.55	4.3	1080	1.2	334.3	BG60G20-../DHE08LA4	105	16000	-
0.55	3.9	1190	1.1	370.5	BG60G20-../DHE08LA4	105	16000	-
0.55	3.3	1420	0.92	437.3	BG60G20-../DHE08LA4	105	16000	-
0.55	7.3	710	3.2	194.4	BG70Z-../DHE08LA4	137	20000	-
0.55	6.8	770	3.0	210.5	BG70Z-../DHE08LA4	137	20000	-
0.55	5.7	920	2.5	249.8	BG70Z-../DHE08LA4	137	20000	-
0.55	5.6	830	3.0	255.5	BG70G20-../DHE08LA4	135	20000	-
0.55	5.2	890	2.8	276.7	BG70G20-../DHE08LA4	135	20000	-
0.55	4.4	1050	2.4	328.4	BG70G20-../DHE08LA4	135	20000	-
0.55	3.7	1270	1.95	387.6	BG70G20-../DHE08LA4	135	20000	-
0.55	3.4	1420	1.75	417.8	BG70G20-../DHE08LA4	135	20000	-
0.55	2.9	1660	1.5	495.9	BG70G20-../DHE08LA4	135	20000	-
0.55	2.5	1950	1.3	577.3	BG70G20-../DHE08LA4	135	20000	-
0.55	2.2	2200	1.15	665.8	BG70G20-../DHE08LA4	135	20000	-
0.55	1.8	2700	0.93	790.2	BG70G20-../DHE08LA4	135	20000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

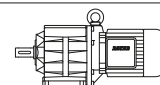


0.55 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.55	1.7	2850	0.88	877.6	BG70G20-../DHE08LA4	135	20000	-
0.55	2.5	1720	2.7	572.0	BG80G40-../DHE08LA4	216	26000	-
0.55	2.2	1900	2.4	657.8	BG80G40-../DHE08LA4	216	26000	-
0.55	2.0	2100	2.2	730.3	BG80G40-../DHE08LA4	216	26000	-
0.55	1.8	2350	1.95	817.4	BG80G40-../DHE08LA4	216	26000	-
0.55	1.6	2700	1.7	907.6	BG80G40-../DHE08LA4	216	26000	-
0.55	1.4	3200	1.45	1042	BG80G40-../DHE08LA4	216	26000	-
0.55	1.2	3800	1.2	1261	BG80G40-../DHE08LA4	216	26000	-
0.55	1.1	4200	1.1	1400	BG80G40-../DHE08LA4	216	26000	-
0.55	1.3	3350	2.7	1174	BG90G50-../DHE08LA4	326	65000	-
0.55	1.1	4100	2.2	1301	BG90G50-../DHE08LA4	326	65000	-
0.55	0.9	5100	1.8	1583	BG90G50-../DHE08LA4	326	65000	-
0.55	0.85	5500	1.65	1756	BG90G50-../DHE08LA4	326	65000	-
0.55	0.7	6800	1.35	2026	BG90G50-../DHE08LA4	326	65000	-
0.55	0.6	8000	1.15	2514	BG90G50-../DHE08LA4	326	65000	-
0.55	0.55	8800	1.05	2786	BG90G50-../DHE08LA4	326	65000	-
0.55	0.55	7100	2.6	2656	BG100G50-../DHE08LA4	513	90000	-
0.55	0.48	8600	2.2	2952	BG100G50-../DHE08LA4	513	90000	-
0.55	0.44	9400	1.95	3286	BG100G50-../DHE08LA4	513	90000	-
0.55	0.39	10900	1.7	3644	BG100G50-../DHE08LA4	513	90000	-
0.55	0.33	13400	1.4	4366	BG100G50-../DHE08LA4	513	90000	-
0.55	0.3	15000	1.25	4839	BG100G50-../DHE08LA4	513	90000	-

6

0.75 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.75	510	14	1.3	2.82	BG06-../DHE08XA4	19	470	-
0.75	380	18.8	1.05	3.78	BG06-../DHE08XA4	19	520	-
0.75	315	22.5	0.98	4.54	BG06-../DHE08XA4	19	530	-
0.75	240	29.5	0.81	5.96	BG06-../DHE08XA4	19	570	-
0.75	330	21.5	3.2	4.36	BG10-../DHE08XA4	19	650	910
0.75	270	26.5	2.8	5.34	BG10-../DHE08XA4	19	620	910
0.75	210	34	2.6	6.89	BG10-../DHE08XA4	19	850	1200
0.75	187	38	2.3	7.63	BG10-../DHE08XA4	19	900	1250
0.75	176	40.5	2.2	8.07	BG10-../DHE08XA4	19	660	920
0.75	153	46.5	2.1	9.33	BG10-../DHE08XA4	19	950	1330
0.75	138	51	1.95	10.34	BG10-../DHE08XA4	19	1000	1400
0.75	120	59	1.8	11.92	BG10-../DHE08XA4	19	1030	1440
0.75	108	66	1.65	13.21	BG10-../DHE08XA4	19	1070	1490
0.75	98	73	1.55	14.58	BG10-../DHE08XA4	19	1100	1540
0.75	88	81	1.45	16.15	BG10-../DHE08XA4	19	1140	1590
0.75	77	93	1.3	18.51	BG10-../DHE08XA4	19	1210	1690
0.75	70	102	1.2	20.51	BG10-../DHE08XA4	19	1290	1800
0.75	65	110	1.1	22.04	BG10-../DHE08XA4	19	1330	1860
0.75	59	121	0.99	24.42	BG10-../DHE08XA4	19	1410	1970
0.75	55	130	0.92	26.26	BG10-../DHE08XA4	19	1460	2000
0.75	49	146	0.82	29.09	BG10-../DHE08XA4	19	1540	2150
0.75	53	135	1.1	27.08	BG15-../DHE08XA4	19	3000	6000
0.75	47.5	150	1.0	30.08	BG15-../DHE08XA4	19	3000	6000
0.75	42	170	0.88	34.20	BG15-../DHE08XA4	19	3000	6000
0.75	172	41.5	2.9	8.29	BG20-../DHE08XA4	22	2250	-
0.75	160	44.5	3.2	8.91	BG20-../DHE08XA4	22	2600	-
0.75	148	48	2.5	9.65	BG20-../DHE08XA4	22	2250	-
0.75	135	53	2.9	10.54	BG20-../DHE08XA4	22	2700	-
0.75	122	58	2.7	11.71	BG20-../DHE08XA4	22	2800	-
0.75	108	66	2.5	13.21	BG20-../DHE08XA4	22	2900	-
0.75	97	73	2.4	14.67	BG20-../DHE08XA4	22	3050	-
0.75	92	77	2.3	15.58	BG20-../DHE08XA4	22	3100	-
0.75	83	86	2.1	17.31	BG20-../DHE08XA4	22	3200	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

0.75 kW

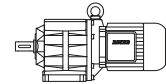


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.75	72	99	1.95	19.95	BG20-../DHE08XA4	22	3350	-
0.75	65	110	1.8	22.16	BG20-../DHE08XA4	22	3500	-
0.75	62	115	1.75	23.22	BG20-../DHE08XA4	22	3550	-
0.75	56	127	1.55	25.79	BG20-../DHE08XA4	22	3700	-
0.75	51	140	1.45	27.85	BG20-../DHE08XA4	22	3800	-
0.75	46	155	1.3	30.94	BG20-../DHE08XA4	22	4000	-
0.75	43	166	1.2	33.33	BG20-../DHE08XA4	22	4100	-
0.75	38.5	186	1.1	37.02	BG20-../DHE08XA4	22	4300	-
0.75	34.5	205	0.98	41.76	BG20-../DHE08XA4	22	4500	-
0.75	31	230	0.87	46.38	BG20-../DHE08XA4	22	4700	-
0.75	30	235	0.85	47.92	BG20-../DHE08XA4	22	4750	-
0.75	76	94	3.2	18.93	BG30-../DHE08XA4	26	4100	-
0.75	72	99	3.0	19.99	BG30-../DHE08XA4	26	4200	-
0.75	65	110	2.7	22.18	BG30-../DHE08XA4	26	4600	-
0.75	56	127	2.4	25.45	BG30-../DHE08XA4	26	4850	-
0.75	51	140	2.1	28.24	BG30-../DHE08XA4	26	5100	-
0.75	48	149	2.0	29.83	BG30-../DHE08XA4	26	5200	-
0.75	43	166	1.8	33.09	BG30-../DHE08XA4	26	5400	-
0.75	40.5	176	1.7	35.17	BG30-../DHE08XA4	26	5500	-
0.75	36.5	196	1.55	39.02	BG30-../DHE08XA4	26	5800	-
0.75	33.5	210	1.45	42.46	BG30-../DHE08XA4	26	5900	-
0.75	30.5	230	1.3	47.11	BG30-../DHE08XA4	26	6000	-
0.75	27.5	260	1.15	52.44	BG30-../DHE08XA4	26	6000	-
0.75	24.5	290	1.05	58.18	BG30-../DHE08XA4	26	6000	-
0.75	23.5	300	1.0	60.79	BG30-../DHE08XA4	26	6000	-
0.75	21.5	330	0.91	67.44	BG30-../DHE08XA4	26	6000	-
0.75	19.5	365	0.82	73.51	BG30Z-../DHE08XA4	28	6000	-
0.75	55	130	3.3	26.01	BG40-../DHE08XA4	41	6500	-
0.75	48.5	147	2.9	29.34	BG40-../DHE08XA4	41	6800	-
0.75	44	162	2.6	32.57	BG40-../DHE08XA4	41	7000	-
0.75	42	170	2.5	34.20	BG40-../DHE08XA4	41	7000	-
0.75	37.5	191	2.2	37.96	BG40-../DHE08XA4	41	7000	-
0.75	35.5	200	2.1	40.19	BG40-../DHE08XA4	41	7000	-
0.75	32	220	1.95	44.62	BG40-../DHE08XA4	41	7000	-
0.75	29.5	240	1.75	48.36	BG40-../DHE08XA4	41	7000	-
0.75	26.5	270	1.55	53.69	BG40-../DHE08XA4	41	7000	-
0.75	24	295	1.45	59.64	BG40-../DHE08XA4	41	7000	-
0.75	21.5	330	1.3	66.20	BG40-../DHE08XA4	41	7000	-
0.75	21	340	1.25	67.74	BG40Z-../DHE08XA4	44	7000	-
0.75	19	375	1.15	75.19	BG40Z-../DHE08XA4	44	7000	-
0.75	17.5	405	1.05	82.00	BG40Z-../DHE08XA4	44	7000	-
0.75	16	445	0.96	91.02	BG40Z-../DHE08XA4	44	7000	-
0.75	15	475	0.89	96.86	BG40Z-../DHE08XA4	44	7000	-
0.75	13.5	530	0.8	107.5	BG40Z-../DHE08XA4	44	7000	-
0.75	37.5	191	3.3	37.89	BG50-../DHE08XA4	48	10000	-
0.75	34	210	3.0	42.00	BG50-../DHE08XA4	48	10000	-
0.75	30.5	230	2.7	47.02	BG50-../DHE08XA4	48	10000	-
0.75	27.5	260	2.4	52.12	BG50-../DHE08XA4	48	10000	-
0.75	24	295	2.1	59.42	BG50-../DHE08XA4	48	10000	-
0.75	22	325	1.95	65.86	BG50-../DHE08XA4	48	10000	-
0.75	20	355	1.75	71.97	BG50Z-../DHE08XA4	53	10000	-
0.75	18	395	1.6	79.78	BG50Z-../DHE08XA4	53	10000	-
0.75	15	475	1.35	95.58	BG50Z-../DHE08XA4	53	10000	-
0.75	13.5	530	1.2	106.0	BG50Z-../DHE08XA4	53	10000	-
0.75	11.5	620	1.0	128.9	BG50Z-../DHE08XA4	53	10000	-
0.75	10	710	0.89	142.9	BG50Z-../DHE08XA4	53	10000	-
0.75	19	375	3.2	75.71	BG60Z-../DHE08XA4	98	16000	-
0.75	16	445	2.7	91.09	BG60Z-../DHE08XA4	98	16000	-
0.75	14.5	490	2.4	101.0	BG60Z-../DHE08XA4	98	16000	-
0.75	12	590	2.0	119.2	BG60Z-../DHE08XA4	98	16000	-
0.75	11	650	1.85	132.1	BG60Z-../DHE08XA4	98	16000	-
0.75	9.0	790	1.5	158.0	BG60Z-../DHE08XA4	98	16000	-
0.75	8.2	870	1.4	175.1	BG60Z-../DHE08XA4	98	16000	-
0.75	7.0	1020	1.2	204.6	BG60Z-../DHE08XA4	98	16000	-
0.75	6.3	1130	1.05	226.7	BG60Z-../DHE08XA4	98	16000	-
0.75	5.8	1230	0.98	247.7	BG60Z-../DHE08XA4	98	16000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

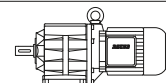


0.75 kW

P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.75	5.2	1370	0.88	274.5	BG60Z-../DHE08XA4	98	16000	-
0.75	4.7	1390	0.94	306.1	BG60G20-../DHE08XA4	106	16000	-
0.75	4.3	1520	0.86	334.3	BG60G20-../DHE08XA4	106	16000	-
0.75	9.7	730	3.2	147.2	BG70Z-../DHE08XA4	138	20000	-
0.75	8.7	820	2.8	163.8	BG70Z-../DHE08XA4	138	20000	-
0.75	7.4	960	2.4	194.4	BG70Z-../DHE08XA4	138	20000	-
0.75	6.8	1050	2.2	210.5	BG70Z-../DHE08XA4	138	20000	-
0.75	5.7	1250	1.85	249.8	BG70Z-../DHE08XA4	138	20000	-
0.75	5.6	1170	2.1	255.5	BG70G20-../DHE08XA4	136	20000	-
0.75	5.2	1260	2.0	276.7	BG70G20-../DHE08XA4	136	20000	-
0.75	4.4	1490	1.7	328.4	BG70G20-../DHE08XA4	136	20000	-
0.75	3.7	1780	1.4	387.6	BG70G20-../DHE08XA4	136	20000	-
0.75	3.4	1980	1.25	417.8	BG70G20-../DHE08XA4	136	20000	-
0.75	2.9	2300	1.1	495.9	BG70G20-../DHE08XA4	136	20000	-
0.75	2.5	2700	0.93	577.3	BG70G20-../DHE08XA4	136	20000	-
0.75	2.2	3050	0.82	665.8	BG70G20-../DHE08XA4	136	20000	-
0.75	4.0	1450	3.2	360.0	BG80G40-../DHE08XA4	217	26000	-
0.75	3.6	1610	2.9	399.8	BG80G40-../DHE08XA4	217	26000	-
0.75	3.3	1830	2.5	436.2	BG80G40-../DHE08XA4	217	26000	-
0.75	3.0	2000	2.3	484.3	BG80G40-../DHE08XA4	217	26000	-
0.75	2.5	2450	1.9	572.0	BG80G40-../DHE08XA4	217	26000	-
0.75	2.2	2750	1.65	657.8	BG80G40-../DHE08XA4	217	26000	-
0.75	2.0	3050	1.5	730.3	BG80G40-../DHE08XA4	217	26000	-
0.75	1.8	3450	1.35	817.4	BG80G40-../DHE08XA4	217	26000	-
0.75	1.6	3900	1.2	907.6	BG80G40-../DHE08XA4	217	26000	-
0.75	1.4	4550	1.0	1042	BG80G40-../DHE08XA4	217	26000	-
0.75	1.2	5400	0.85	1261	BG80G40-../DHE08XA4	217	26000	-
0.75	2.0	2900	3.2	714.2	BG90G50-../DHE08XA4	327	65000	-
0.75	1.7	3500	2.6	883.7	BG90G50-../DHE08XA4	327	65000	-
0.75	1.3	4800	1.9	1174	BG90G50-../DHE08XA4	327	65000	-
0.75	1.1	5800	1.6	1301	BG90G50-../DHE08XA4	327	65000	-
0.75	0.9	7200	1.3	1583	BG90G50-../DHE08XA4	327	65000	-
0.75	0.85	7700	1.2	1756	BG90G50-../DHE08XA4	327	65000	-
0.75	0.75	8800	1.05	2026	BG90G50-../DHE08XA4	327	65000	-
0.75	1.0	5700	3.2	1444	BG100G50-../DHE08XA4	514	90000	-
0.75	0.85	6800	2.7	1678	BG100G50-../DHE08XA4	514	90000	-
0.75	0.8	7100	2.6	1867	BG100G50-../DHE08XA4	514	90000	-
0.75	0.7	8100	2.3	2154	BG100G50-../DHE08XA4	514	90000	-
0.75	0.55	10600	1.75	2656	BG100G50-../DHE08XA4	514	90000	-
0.75	0.49	12300	1.5	2952	BG100G50-../DHE08XA4	514	90000	-
0.75	0.44	13700	1.35	3286	BG100G50-../DHE08XA4	514	90000	-
0.75	0.39	15800	1.15	3644	BG100G50-../DHE08XA4	514	90000	-

6

1.1 kW



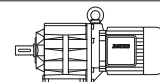
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
1.1	580	18.1	3.1	2.52	BG10-../DHE09LA4	26	570	790
1.1	425	24.5	2.5	3.42	BG10-../DHE09LA4	26	630	880
1.1	335	31	2.2	4.36	BG10-../DHE09LA4	26	650	910
1.1	270	38.5	1.95	5.34	BG10-../DHE09LA4	26	620	910
1.1	215	48.5	1.65	6.78	BG10-../DHE09LA4	26	660	920
1.1	210	50	1.75	6.89	BG10-../DHE09LA4	26	850	1200
1.1	189	55	1.6	7.63	BG10-../DHE09LA4	26	900	1250
1.1	179	58	1.5	8.07	BG10-../DHE09LA4	26	660	920
1.1	155	67	1.45	9.33	BG10-../DHE09LA4	26	950	1330
1.1	140	75	1.3	10.34	BG10-../DHE09LA4	26	1000	1400
1.1	121	86	1.2	11.92	BG10-../DHE09LA4	26	1030	1440
1.1	110	95	1.15	13.21	BG10-../DHE09LA4	26	1070	1490
1.1	99	106	1.1	14.58	BG10-../DHE09LA4	26	1100	1540
1.1	90	116	1.0	16.15	BG10-../DHE09LA4	26	1140	1590
1.1	78	134	0.9	18.51	BG10-../DHE09LA4	26	1210	1690

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

1.1 kW

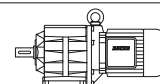


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
1.1	71	147	0.82	20.51	BG10-../DHE09LA4	26	1290	1800
1.1	330	31.5	3.3	4.38	BG20-../DHE09LA4	28	1990	-
1.1	265	39.5	2.9	5.49	BG20-../DHE09LA4	28	2100	-
1.1	240	43.5	2.9	6.06	BG20-../DHE09LA4	28	2250	-
1.1	225	46.5	2.6	6.48	BG20-../DHE09LA4	28	2250	-
1.1	215	48.5	2.7	6.73	BG20-../DHE09LA4	28	2350	2100
1.1	180	58	2.4	8.02	BG20-../DHE09LA4	28	2500	-
1.1	174	60	2.0	8.29	BG20-../DHE09LA4	28	2250	-
1.1	162	64	2.2	8.91	BG20-../DHE09LA4	28	2600	-
1.1	150	70	1.75	9.65	BG20-../DHE09LA4	28	2250	-
1.1	137	76	2.0	10.54	BG20-../DHE09LA4	28	2700	-
1.1	123	85	1.85	11.71	BG20-../DHE09LA4	28	2800	-
1.1	110	95	1.75	13.21	BG20-../DHE09LA4	28	2900	-
1.1	99	106	1.6	14.67	BG20-../DHE09LA4	28	3050	-
1.1	93	112	1.6	15.58	BG20-../DHE09LA4	28	3100	-
1.1	84	125	1.45	17.31	BG20-../DHE09LA4	28	3200	-
1.1	73	143	1.35	19.95	BG20-../DHE09LA4	28	3350	-
1.1	65	161	1.25	22.16	BG20-../DHE09LA4	28	3500	-
1.1	63	166	1.2	23.22	BG20-../DHE09LA4	28	3550	-
1.1	56	187	1.05	25.79	BG20-../DHE09LA4	28	3700	-
1.1	52	200	1.0	27.85	BG20-../DHE09LA4	28	3800	-
1.1	47	220	0.91	30.94	BG20-../DHE09LA4	28	4000	-
1.1	43.5	240	0.83	33.33	BG20-../DHE09LA4	28	4100	-
1.1	122	86	3.2	11.82	BG30-../DHE09LA4	33	3200	-
1.1	105	100	2.9	13.77	BG30-../DHE09LA4	33	3150	-
1.1	95	110	2.7	15.27	BG30-../DHE09LA4	33	3450	-
1.1	85	123	2.4	17.06	BG30-../DHE09LA4	33	3700	-
1.1	77	136	2.2	18.93	BG30-../DHE09LA4	33	4100	-
1.1	73	143	2.1	19.99	BG30-../DHE09LA4	33	4200	-
1.1	65	161	1.85	22.18	BG30-../DHE09LA4	33	4600	-
1.1	57	184	1.65	25.45	BG30-../DHE09LA4	33	4850	-
1.1	51	205	1.45	28.24	BG30-../DHE09LA4	33	5100	-
1.1	48.5	215	1.4	29.83	BG30-../DHE09LA4	33	5200	-
1.1	44	235	1.3	33.09	BG30-../DHE09LA4	33	5400	-
1.1	41	255	1.2	35.17	BG30-../DHE09LA4	33	5500	-
1.1	37	280	1.05	39.02	BG30-../DHE09LA4	33	5800	-
1.1	34	305	0.98	42.46	BG30-../DHE09LA4	33	5900	-
1.1	31	335	0.9	47.11	BG30-../DHE09LA4	33	6000	-
1.1	80	131	3.2	18.19	BG40-../DHE09LA4	47	5600	-
1.1	73	143	3.0	19.84	BG40-../DHE09LA4	47	5800	-
1.1	66	159	2.7	22.02	BG40-../DHE09LA4	47	6000	-
1.1	62	169	2.5	23.43	BG40-../DHE09LA4	47	6200	-
1.1	56	187	2.3	26.01	BG40-../DHE09LA4	47	6500	-
1.1	49.5	210	2.0	29.34	BG40-../DHE09LA4	47	6800	-
1.1	44.5	235	1.8	32.57	BG40-../DHE09LA4	47	7000	-
1.1	42.5	245	1.75	34.20	BG40-../DHE09LA4	47	7000	-
1.1	38	275	1.55	37.96	BG40-../DHE09LA4	47	7000	-
1.1	36	290	1.45	40.19	BG40-../DHE09LA4	47	7000	-
1.1	32.5	320	1.35	44.62	BG40-../DHE09LA4	47	7000	-
1.1	30	350	1.2	48.36	BG40-../DHE09LA4	47	7000	-
1.1	27	385	1.1	53.69	BG40-../DHE09LA4	47	7000	-
1.1	24.5	425	1.0	59.64	BG40-../DHE09LA4	47	7000	-
1.1	22	475	0.89	66.20	BG40-../DHE09LA4	47	7000	-
1.1	21.5	485	0.88	67.74	BG40Z-../DHE09LA4	51	7000	-
1.1	19.5	530	0.8	75.19	BG40Z-../DHE09LA4	51	7000	-
1.1	49	210	3.0	29.62	BG50-../DHE09LA4	55	8000	-
1.1	44	235	2.7	32.84	BG50-../DHE09LA4	55	8700	-
1.1	38.5	270	2.3	37.89	BG50-../DHE09LA4	55	10000	-
1.1	34.5	300	2.1	42.00	BG50-../DHE09LA4	55	10000	-
1.1	31	335	1.9	47.02	BG50-../DHE09LA4	55	10000	-
1.1	28	375	1.7	52.12	BG50-../DHE09LA4	55	10000	-
1.1	24.5	425	1.5	59.42	BG50-../DHE09LA4	55	10000	-
1.1	22	475	1.35	65.86	BG50-../DHE09LA4	55	10000	-
1.1	20.5	510	1.25	71.97	BG50Z-../DHE09LA4	60	10000	-
1.1	18.5	560	1.15	79.78	BG50Z-../DHE09LA4	60	10000	-
1.1	15.5	670	0.94	95.58	BG50Z-../DHE09LA4	60	10000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

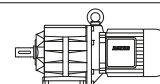


1.1 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
1.1	14	750	0.84	106.0	BG50Z-../DHE09LA4	60	10000	-
1.1	29	360	3.3	50.31	BG60-../DHE09LA4	86	16000	-
1.1	26	400	3.0	55.76	BG60-../DHE09LA4	86	16000	-
1.1	24	435	2.8	60.90	BG60-../DHE09LA4	86	16000	-
1.1	21.5	485	2.5	67.49	BG60-../DHE09LA4	86	16000	-
1.1	19.5	530	2.3	75.71	BG60Z-../DHE09LA4	105	16000	-
1.1	16	650	1.85	91.09	BG60Z-../DHE09LA4	105	16000	-
1.1	14.5	720	1.65	101.0	BG60Z-../DHE09LA4	105	16000	-
1.1	12.5	840	1.45	119.2	BG60Z-../DHE09LA4	105	16000	-
1.1	11	950	1.25	132.1	BG60Z-../DHE09LA4	105	16000	-
1.1	9.2	1140	1.05	158.0	BG60Z-../DHE09LA4	105	16000	-
1.1	8.3	1260	0.95	175.1	BG60Z-../DHE09LA4	105	16000	-
1.1	7.1	1470	0.82	204.6	BG60Z-../DHE09LA4	105	16000	-
1.1	13	800	2.9	113.6	BG70Z-../DHE09LA4	145	20000	-
1.1	12	870	2.6	124.0	BG70Z-../DHE09LA4	145	20000	-
1.1	9.8	1070	2.1	147.2	BG70Z-../DHE09LA4	145	20000	-
1.1	8.8	1190	1.95	163.8	BG70Z-../DHE09LA4	145	20000	-
1.1	7.5	1400	1.65	194.4	BG70Z-../DHE09LA4	145	20000	-
1.1	6.9	1520	1.5	210.5	BG70Z-../DHE09LA4	145	20000	-
1.1	5.8	1810	1.25	249.8	BG70Z-../DHE09LA4	145	20000	-
1.1	5.7	1730	1.45	255.5	BG70G20-../DHE09LA4	142	20000	-
1.1	5.3	1860	1.35	276.7	BG70G20-../DHE09LA4	142	20000	-
1.1	4.4	2200	1.15	328.4	BG70G20-../DHE09LA4	142	20000	-
1.1	3.8	2600	0.96	387.6	BG70G20-../DHE09LA4	142	20000	-
1.1	3.5	2850	0.88	417.8	BG70G20-../DHE09LA4	142	20000	-
1.1	7.8	1340	3.1	186.8	BG80Z-../DHE09LA4	213	26000	-
1.1	7.0	1500	2.8	207.4	BG80Z-../DHE09LA4	213	26000	-
1.1	5.8	1500	3.1	252.3	BG80G40-../DHE09LA4	224	26000	-
1.1	5.1	1750	2.6	282.8	BG80G40-../DHE09LA4	224	26000	-
1.1	4.6	1940	2.4	314.0	BG80G40-../DHE09LA4	224	26000	-
1.1	4.0	2250	2.0	360.0	BG80G40-../DHE09LA4	224	26000	-
1.1	3.7	2450	1.9	399.8	BG80G40-../DHE09LA4	224	26000	-
1.1	3.4	2750	1.65	436.2	BG80G40-../DHE09LA4	224	26000	-
1.1	3.0	3100	1.5	484.3	BG80G40-../DHE09LA4	224	26000	-
1.1	2.6	3650	1.25	572.0	BG80G40-../DHE09LA4	224	26000	-
1.1	2.2	4250	1.1	657.8	BG80G40-../DHE09LA4	224	26000	-
1.1	2.0	4750	0.97	730.3	BG80G40-../DHE09LA4	224	26000	-
1.1	1.8	5300	0.87	817.4	BG80G40-../DHE09LA4	224	26000	-
1.1	2.9	3100	3.0	504.7	BG90G50-../DHE09LA4	334	65000	-
1.1	2.5	3600	2.6	588.8	BG90G50-../DHE09LA4	334	65000	-
1.1	2.3	3950	2.3	644.7	BG90G50-../DHE09LA4	334	65000	-
1.1	2.1	4350	2.1	714.2	BG90G50-../DHE09LA4	334	65000	-
1.1	1.7	5500	1.65	883.7	BG90G50-../DHE09LA4	334	65000	-
1.1	1.3	7400	1.25	1174	BG90G50-../DHE09LA4	334	65000	-
1.1	1.2	8000	1.15	1301	BG90G50-../DHE09LA4	334	65000	-
1.1	1.8	5800	3.2	845.1	BG100Z-../DHE09LA4	522	90000	-
1.1	1.4	6100	3.0	1043	BG100G50-../DHE09LA4	521	90000	-
1.1	1.2	7100	2.6	1204	BG100G50-../DHE09LA4	521	90000	-
1.1	1.0	9100	2.0	1444	BG100G50-../DHE09LA4	521	90000	-
1.1	0.9	10000	1.85	1678	BG100G50-../DHE09LA4	521	90000	-
1.1	0.8	11300	1.65	1867	BG100G50-../DHE09LA4	521	90000	-
1.1	0.7	12900	1.45	2154	BG100G50-../DHE09LA4	521	90000	-
1.1	0.55	16700	1.1	2656	BG100G50-../DHE09LA4	521	90000	-

6

1.5 kW



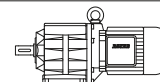
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
1.5	580	24.5	2.3	2.52	BG10-../DHE09XA4	30	570	790
1.5	425	33.5	1.85	3.42	BG10-../DHE09XA4	30	630	880
1.5	335	42.5	1.6	4.36	BG10-../DHE09XA4	30	650	910

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

1.5 kW

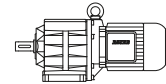


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
1.5	270	53	1.4	5.34	BG10-../DHE09XA4	30	620	910
1.5	215	66	1.25	6.78	BG10-../DHE09XA4	30	660	920
1.5	210	68	1.3	6.89	BG10-../DHE09XA4	30	850	1200
1.5	189	75	1.2	7.63	BG10-../DHE09XA4	30	900	1250
1.5	179	80	1.1	8.07	BG10-../DHE09XA4	30	660	920
1.5	155	92	1.05	9.33	BG10-../DHE09XA4	30	950	1330
1.5	140	102	0.97	10.34	BG10-../DHE09XA4	30	1000	1400
1.5	121	118	0.89	11.92	BG10-../DHE09XA4	30	1030	1440
1.5	110	130	0.85	13.21	BG10-../DHE09XA4	30	1070	1490
1.5	435	32.5	2.8	3.33	BG20-../DHE09XA4	32	1830	-
1.5	330	43	2.4	4.38	BG20-../DHE09XA4	32	1990	-
1.5	265	54	2.1	5.49	BG20-../DHE09XA4	32	2100	-
1.5	240	59	2.1	6.06	BG20-../DHE09XA4	32	2250	-
1.5	225	63	1.95	6.48	BG20-../DHE09XA4	32	2250	-
1.5	215	66	1.95	6.73	BG20-../DHE09XA4	32	2350	2100
1.5	180	79	1.75	8.02	BG20-../DHE09XA4	32	2500	-
1.5	174	82	1.5	8.29	BG20-../DHE09XA4	32	2250	-
1.5	162	88	1.65	8.91	BG20-../DHE09XA4	32	2600	-
1.5	150	95	1.3	9.65	BG20-../DHE09XA4	32	2250	-
1.5	137	104	1.5	10.54	BG20-../DHE09XA4	32	2700	-
1.5	123	116	1.35	11.71	BG20-../DHE09XA4	32	2800	-
1.5	110	130	1.3	13.21	BG20-../DHE09XA4	32	2900	-
1.5	99	144	1.2	14.67	BG20-../DHE09XA4	32	3050	-
1.5	93	154	1.15	15.58	BG20-../DHE09XA4	32	3100	-
1.5	84	170	1.1	17.31	BG20-../DHE09XA4	32	3200	-
1.5	73	196	0.99	19.95	BG20-../DHE09XA4	32	3350	-
1.5	65	220	0.91	22.16	BG20-../DHE09XA4	32	3500	-
1.5	63	225	0.89	23.22	BG20-../DHE09XA4	32	3550	-
1.5	215	66	3.3	6.75	BG30-../DHE09XA4	37	1760	-
1.5	192	74	3.1	7.50	BG30-../DHE09XA4	37	2750	-
1.5	183	78	2.8	7.91	BG30-../DHE09XA4	37	1760	-
1.5	168	85	2.9	8.60	BG30-../DHE09XA4	37	2800	-
1.5	151	94	2.7	9.55	BG30-../DHE09XA4	37	3000	-
1.5	136	105	2.5	10.65	BG30-../DHE09XA4	37	2950	-
1.5	122	117	2.3	11.82	BG30-../DHE09XA4	37	3200	-
1.5	105	136	2.2	13.77	BG30-../DHE09XA4	37	3150	-
1.5	95	150	2.0	15.27	BG30-../DHE09XA4	37	3450	-
1.5	85	168	1.8	17.06	BG30-../DHE09XA4	37	3700	-
1.5	77	186	1.6	18.93	BG30-../DHE09XA4	37	4100	-
1.5	73	196	1.55	19.99	BG30-../DHE09XA4	37	4200	-
1.5	65	220	1.35	22.18	BG30-../DHE09XA4	37	4600	-
1.5	57	250	1.2	25.45	BG30-../DHE09XA4	37	4850	-
1.5	51	280	1.05	28.24	BG30-../DHE09XA4	37	5100	-
1.5	48.5	295	1.0	29.83	BG30-../DHE09XA4	37	5200	-
1.5	44	325	0.92	33.09	BG30-../DHE09XA4	37	5400	-
1.5	41	345	0.87	35.17	BG30-../DHE09XA4	37	5500	-
1.5	160	89	3.3	9.00	BG40-../DHE09XA4	51	2650	-
1.5	112	127	3.2	12.86	BG40-../DHE09XA4	51	4500	-
1.5	101	141	3.0	14.28	BG40-../DHE09XA4	51	4900	-
1.5	88	162	2.6	16.39	BG40-../DHE09XA4	51	5300	-
1.5	80	179	2.4	18.19	BG40-../DHE09XA4	51	5600	-
1.5	73	196	2.2	19.84	BG40-../DHE09XA4	51	5800	-
1.5	66	215	2.0	22.02	BG40-../DHE09XA4	51	6000	-
1.5	62	230	1.85	23.43	BG40-../DHE09XA4	51	6200	-
1.5	56	255	1.65	26.01	BG40-../DHE09XA4	51	6500	-
1.5	49.5	285	1.5	29.34	BG40-../DHE09XA4	51	6800	-
1.5	44.5	320	1.35	32.57	BG40-../DHE09XA4	51	7000	-
1.5	42.5	335	1.25	34.20	BG40-../DHE09XA4	51	7000	-
1.5	38	375	1.15	37.96	BG40-../DHE09XA4	51	7000	-
1.5	36	395	1.1	40.19	BG40-../DHE09XA4	51	7000	-
1.5	32.5	440	0.97	44.62	BG40-../DHE09XA4	51	7000	-
1.5	30	475	0.89	48.36	BG40-../DHE09XA4	51	7000	-
1.5	27	530	0.8	53.69	BG40-../DHE09XA4	51	7000	-
1.5	66	215	2.9	21.96	BG50-../DHE09XA4	59	8000	-
1.5	60	235	2.7	24.34	BG50-../DHE09XA4	59	8700	-
1.5	49	290	2.2	29.62	BG50-../DHE09XA4	59	8000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



1.5 kW

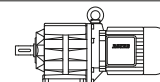
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
1.5	44	325	1.95	32.84	BG50-../DHE09XA4	59	8700	-
1.5	38.5	370	1.7	37.89	BG50-../DHE09XA4	59	10000	-
1.5	34.5	415	1.5	42.00	BG50-../DHE09XA4	59	10000	-
1.5	31	460	1.35	47.02	BG50-../DHE09XA4	59	10000	-
1.5	28	510	1.25	52.12	BG50-../DHE09XA4	59	10000	-
1.5	24.5	580	1.1	59.42	BG50-../DHE09XA4	59	10000	-
1.5	22	650	0.97	65.86	BG50-../DHE09XA4	59	10000	-
1.5	20.5	690	0.91	71.97	BG50Z-../DHE09XA4	64	10000	-
1.5	18.5	770	0.82	79.78	BG50Z-../DHE09XA4	64	10000	-
1.5	37.5	380	3.2	38.85	BG60-../DHE09XA4	90	16000	-
1.5	33.5	425	2.8	43.05	BG60-../DHE09XA4	90	16000	-
1.5	29	490	2.4	50.31	BG60-../DHE09XA4	90	16000	-
1.5	26	550	2.2	55.76	BG60-../DHE09XA4	90	16000	-
1.5	24	590	2.0	60.90	BG60-../DHE09XA4	90	16000	-
1.5	21.5	660	1.8	67.49	BG60-../DHE09XA4	90	16000	-
1.5	19.5	730	1.65	75.71	BG60Z-../DHE09XA4	109	16000	-
1.5	16	890	1.35	91.09	BG60Z-../DHE09XA4	109	16000	-
1.5	14.5	980	1.2	101.0	BG60Z-../DHE09XA4	109	16000	-
1.5	12.5	1140	1.05	119.2	BG60Z-../DHE09XA4	109	16000	-
1.5	11	1300	0.92	132.1	BG60Z-../DHE09XA4	109	16000	-
1.5	20	710	3.2	73.82	BG70Z-../DHE09XA4	149	20000	-
1.5	16.5	860	2.7	87.61	BG70Z-../DHE09XA4	149	20000	-
1.5	15.5	920	2.5	95.74	BG70Z-../DHE09XA4	149	20000	-
1.5	13	1100	2.1	113.6	BG70Z-../DHE09XA4	149	20000	-
1.5	12	1190	1.95	124.0	BG70Z-../DHE09XA4	149	20000	-
1.5	9.8	1460	1.6	147.2	BG70Z-../DHE09XA4	149	20000	-
1.5	8.8	1620	1.4	163.8	BG70Z-../DHE09XA4	149	20000	-
1.5	7.5	1910	1.2	194.4	BG70Z-../DHE09XA4	149	20000	-
1.5	6.9	2050	1.1	210.5	BG70Z-../DHE09XA4	149	20000	-
1.5	5.8	2450	0.94	249.8	BG70Z-../DHE09XA4	149	20000	-
1.5	5.7	2400	1.05	255.5	BG70G20-../DHE09XA4	146	20000	-
1.5	5.3	2550	0.98	276.7	BG70G20-../DHE09XA4	146	20000	-
1.5	4.4	3100	0.81	328.4	BG70G20-../DHE09XA4	146	20000	-
1.5	10	1430	2.9	145.4	BG80Z-../DHE09XA4	217	26000	-
1.5	9.0	1590	2.6	161.5	BG80Z-../DHE09XA4	217	26000	-
1.5	7.8	1830	2.3	186.8	BG80Z-../DHE09XA4	217	26000	-
1.5	7.0	2000	2.1	207.4	BG80Z-../DHE09XA4	217	26000	-
1.5	6.4	1950	2.4	227.2	BG80G40-../DHE09XA4	228	26000	-
1.5	5.8	2150	2.1	252.3	BG80G40-../DHE09XA4	228	26000	-
1.5	5.1	2500	1.85	282.8	BG80G40-../DHE09XA4	228	26000	-
1.5	4.6	2750	1.65	314.0	BG80G40-../DHE09XA4	228	26000	-
1.5	4.0	3200	1.45	360.0	BG80G40-../DHE09XA4	228	26000	-
1.5	3.7	3450	1.35	399.8	BG80G40-../DHE09XA4	228	26000	-
1.5	3.4	3850	1.2	436.2	BG80G40-../DHE09XA4	228	26000	-
1.5	3.0	4350	1.05	484.3	BG80G40-../DHE09XA4	228	26000	-
1.5	2.6	5100	0.9	572.0	BG80G40-../DHE09XA4	228	26000	-
1.5	4.0	3100	3.0	360.3	BG90G50-../DHE09XA4	338	65000	-
1.5	3.4	3800	2.4	435.8	BG90G50-../DHE09XA4	338	65000	-
1.5	2.9	4450	2.1	504.7	BG90G50-../DHE09XA4	338	65000	-
1.5	2.5	5100	1.8	588.8	BG90G50-../DHE09XA4	338	65000	-
1.5	2.3	5600	1.65	644.7	BG90G50-../DHE09XA4	338	65000	-
1.5	2.1	6100	1.5	714.2	BG90G50-../DHE09XA4	338	65000	-
1.5	1.7	7700	1.2	883.7	BG90G50-../DHE09XA4	338	65000	-
1.5	1.3	10300	0.89	1174	BG90G50-../DHE09XA4	338	65000	-
1.5	1.2	11200	0.82	1301	BG90G50-../DHE09XA4	338	65000	-
1.5	2.5	5700	3.2	591.1	BG100Z-../DHE09XA4	526	90000	-
1.5	2.2	6500	2.8	658.1	BG100Z-../DHE09XA4	526	90000	-
1.5	1.9	7500	2.5	759.0	BG100Z-../DHE09XA4	526	90000	-
1.5	1.8	7900	2.3	845.1	BG100Z-../DHE09XA4	526	90000	-
1.5	1.5	7900	2.3	976.1	BG100G50-../DHE09XA4	525	90000	-
1.5	1.4	8800	2.1	1043	BG100G50-../DHE09XA4	525	90000	-
1.5	1.2	10300	1.8	1204	BG100G50-../DHE09XA4	525	90000	-
1.5	1.0	12900	1.45	1444	BG100G50-../DHE09XA4	525	90000	-
1.5	0.9	14300	1.3	1678	BG100G50-../DHE09XA4	525	90000	-
1.5	0.8	16100	1.15	1867	BG100G50-../DHE09XA4	525	90000	-

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

BG-series helical-geared motors

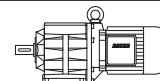
Selection helical-geared motors DHE - IE2

1.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
1.5	0.7	18400	1.0	2154	BG100G50-../DHE09XA4	525	90000	-

2.2 kW

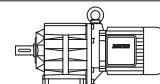


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
2.2	580	36	1.55	2.52	BG10-../DHE09XA4C	32	570	790
2.2	425	49	1.25	3.42	BG10-../DHE09XA4C	32	630	880
2.2	335	62	1.1	4.36	BG10-../DHE09XA4C	32	650	910
2.2	270	77	0.97	5.34	BG10-../DHE09XA4C	32	620	910
2.2	215	97	0.84	6.78	BG10-../DHE09XA4C	32	660	920
2.2	210	100	0.88	6.89	BG10-../DHE09XA4C	32	850	1200
2.2	189	111	0.8	7.63	BG10-../DHE09XA4C	32	900	1250
2.2	580	36	2.3	2.52	BG20-../DHE09XA4C	35	1650	-
2.2	435	48	1.9	3.33	BG20-../DHE09XA4C	35	1830	-
2.2	330	63	1.65	4.38	BG20-../DHE09XA4C	35	1990	-
2.2	265	79	1.45	5.49	BG20-../DHE09XA4C	35	2100	-
2.2	240	87	1.45	6.06	BG20-../DHE09XA4C	35	2250	-
2.2	225	93	1.3	6.48	BG20-../DHE09XA4C	35	2250	-
2.2	215	97	1.35	6.73	BG20-../DHE09XA4C	35	2350	2100
2.2	180	116	1.2	8.02	BG20-../DHE09XA4C	35	2500	-
2.2	174	120	1.0	8.29	BG20-../DHE09XA4C	35	2250	-
2.2	162	129	1.1	8.91	BG20-../DHE09XA4C	35	2600	-
2.2	150	140	0.87	9.65	BG20-../DHE09XA4C	35	2250	-
2.2	137	153	1.0	10.54	BG20-../DHE09XA4C	35	2700	-
2.2	123	170	0.93	11.71	BG20-../DHE09XA4C	35	2800	-
2.2	110	191	0.87	13.21	BG20-../DHE09XA4C	35	2900	-
2.2	99	210	0.82	14.67	BG20-../DHE09XA4C	35	3050	-
2.2	540	38.5	3.3	2.67	BG30-../DHE09XA4C	39	1450	-
2.2	425	49	2.8	3.40	BG30-../DHE09XA4C	39	1580	-
2.2	345	60	2.9	4.21	BG30-../DHE09XA4C	39	1630	-
2.2	265	79	2.5	5.44	BG30-../DHE09XA4C	39	1670	-
2.2	215	97	2.3	6.76	BG30-../DHE09XA4C	39	2550	-
2.2	192	109	2.1	7.50	BG30-../DHE09XA4C	39	2750	-
2.2	183	114	1.9	7.91	BG30-../DHE09XA4C	39	1760	-
2.2	168	125	1.95	8.60	BG30-../DHE09XA4C	39	2800	-
2.2	151	139	1.85	9.55	BG30-../DHE09XA4C	39	3000	-
2.2	136	154	1.75	10.65	BG30-../DHE09XA4C	39	2950	-
2.2	122	172	1.6	11.82	BG30-../DHE09XA4C	39	3200	-
2.2	105	200	1.45	13.77	BG30-../DHE09XA4C	39	3150	-
2.2	95	220	1.35	15.27	BG30-../DHE09XA4C	39	3450	-
2.2	85	245	1.2	17.06	BG30-../DHE09XA4C	39	3700	-
2.2	77	270	1.1	18.93	BG30-../DHE09XA4C	39	4100	-
2.2	73	285	1.05	19.99	BG30-../DHE09XA4C	39	4200	-
2.2	65	320	0.94	22.18	BG30-../DHE09XA4C	39	4600	-
2.2	57	365	0.82	25.45	BG30-../DHE09XA4C	39	4850	-
2.2	230	91	3.2	6.29	BG40-../DHE09XA4C	54	2600	-
2.2	205	102	3.2	7.11	BG40-../DHE09XA4C	54	3950	-
2.2	189	111	2.7	7.62	BG40-../DHE09XA4C	54	2650	-
2.2	174	120	2.9	8.31	BG40-../DHE09XA4C	54	4100	-
2.2	157	133	2.7	9.23	BG40-../DHE09XA4C	54	4350	-
2.2	140	150	2.5	10.35	BG40-../DHE09XA4C	54	4350	-
2.2	126	166	2.3	11.49	BG40-../DHE09XA4C	54	4600	-
2.2	112	187	2.2	12.86	BG40-../DHE09XA4C	54	4500	-
2.2	101	205	2.1	14.28	BG40-../DHE09XA4C	54	4900	-
2.2	88	235	1.8	16.39	BG40-../DHE09XA4C	54	5300	-
2.2	80	260	1.65	18.19	BG40-../DHE09XA4C	54	5600	-
2.2	73	285	1.5	19.84	BG40-../DHE09XA4C	54	5800	-
2.2	66	315	1.35	22.02	BG40-../DHE09XA4C	54	6000	-
2.2	62	335	1.25	23.43	BG40-../DHE09XA4C	54	6200	-
2.2	56	375	1.15	26.01	BG40-../DHE09XA4C	54	6500	-
2.2	49.5	420	1.0	29.34	BG40-../DHE09XA4C	54	6800	-
2.2	44.5	470	0.9	32.57	BG40-../DHE09XA4C	54	7000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



2.2 kW

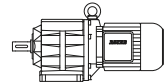
P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
2.2	42.5	490	0.87	34.20	BG40-../DHE09XA4C	54	7000	-
2.2	120	175	3.3	12.06	BG50-../DHE09XA4C	62	5700	-
2.2	108	194	3.1	13.36	BG50-../DHE09XA4C	62	6100	-
2.2	88	235	2.7	16.53	BG50-../DHE09XA4C	62	6500	-
2.2	79	265	2.4	18.33	BG50-../DHE09XA4C	62	7200	-
2.2	66	315	2.0	21.96	BG50-../DHE09XA4C	62	8000	-
2.2	60	350	1.8	24.34	BG50-../DHE09XA4C	62	8700	-
2.2	49	425	1.5	29.62	BG50-../DHE09XA4C	62	8000	-
2.2	44	475	1.35	32.84	BG50-../DHE09XA4C	62	8700	-
2.2	38.5	540	1.15	37.89	BG50-../DHE09XA4C	62	10000	-
2.2	34.5	600	1.05	42.00	BG50-../DHE09XA4C	62	10000	-
2.2	31	670	0.94	47.02	BG50-../DHE09XA4C	62	10000	-
2.2	28	750	0.84	52.12	BG50-../DHE09XA4C	62	10000	-
2.2	49.5	420	2.9	29.31	BG60-../DHE09XA4C	92	14800	-
2.2	44.5	470	2.6	32.48	BG60-../DHE09XA4C	92	15400	-
2.2	37.5	560	2.1	38.85	BG60-../DHE09XA4C	92	16000	-
2.2	33.5	620	1.95	43.05	BG60-../DHE09XA4C	92	16000	-
2.2	29	720	1.65	50.31	BG60-../DHE09XA4C	92	16000	-
2.2	26	800	1.5	55.76	BG60-../DHE09XA4C	92	16000	-
2.2	24	870	1.4	60.90	BG60-../DHE09XA4C	92	16000	-
2.2	21.5	970	1.25	67.49	BG60-../DHE09XA4C	92	16000	-
2.2	19.5	1070	1.1	75.71	BG60Z-../DHE09XA4C	112	16000	-
2.2	16	1310	0.92	91.09	BG60Z-../DHE09XA4C	112	16000	-
2.2	14.5	1440	0.83	101.0	BG60Z-../DHE09XA4C	112	16000	-
2.2	29	720	3.2	50.40	BG70-../DHE09XA4C	130	20000	-
2.2	24.5	850	2.7	59.82	BG70-../DHE09XA4C	130	20000	-
2.2	22.5	930	2.5	64.85	BG70Z-../DHE09XA4C	151	20000	-
2.2	20	1050	2.2	73.82	BG70Z-../DHE09XA4C	151	20000	-
2.2	16.5	1270	1.8	87.61	BG70Z-../DHE09XA4C	151	20000	-
2.2	15.5	1350	1.7	95.74	BG70Z-../DHE09XA4C	151	20000	-
2.2	13	1610	1.45	113.6	BG70Z-../DHE09XA4C	151	20000	-
2.2	12	1750	1.3	124.0	BG70Z-../DHE09XA4C	151	20000	-
2.2	9.8	2100	1.1	147.2	BG70Z-../DHE09XA4C	151	20000	-
2.2	8.8	2350	0.98	163.8	BG70Z-../DHE09XA4C	151	20000	-
2.2	7.5	2800	0.82	194.4	BG70Z-../DHE09XA4C	151	20000	-
2.2	15.5	1350	3.1	93.89	BG80Z-../DHE09XA4C	219	26000	-
2.2	13	1610	2.6	112.4	BG80Z-../DHE09XA4C	219	26000	-
2.2	12	1750	2.4	124.8	BG80Z-../DHE09XA4C	219	26000	-
2.2	10	2100	2.0	145.4	BG80Z-../DHE09XA4C	219	26000	-
2.2	9.0	2300	1.85	161.5	BG80Z-../DHE09XA4C	219	26000	-
2.2	7.8	2650	1.6	186.8	BG80Z-../DHE09XA4C	219	26000	-
2.2	7.0	3000	1.4	207.4	BG80Z-../DHE09XA4C	219	26000	-
2.2	6.4	3000	1.55	227.2	BG80G40-../DHE09XA4C	231	26000	-
2.2	5.8	3300	1.4	252.3	BG80G40-../DHE09XA4C	231	26000	-
2.2	5.1	3800	1.2	282.8	BG80G40-../DHE09XA4C	231	26000	-
2.2	4.6	4200	1.1	314.0	BG80G40-../DHE09XA4C	231	26000	-
2.2	4.0	4900	0.94	360.0	BG80G40-../DHE09XA4C	231	26000	-
2.2	3.7	5300	0.87	399.8	BG80G40-../DHE09XA4C	231	26000	-
2.2	8.1	2550	3.3	178.5	BG90Z-../DHE09XA4C	329	65000	-
2.2	7.0	3000	2.8	208.3	BG90Z-../DHE09XA4C	329	65000	-
2.2	6.4	3250	2.6	228.1	BG90Z-../DHE09XA4C	329	65000	-
2.2	5.5	3350	2.7	262.5	BG90G50-../DHE09XA4C	340	65000	-
2.2	4.9	4000	2.3	298.8	BG90G50-../DHE09XA4C	340	65000	-
2.2	4.0	4750	1.95	360.3	BG90G50-../DHE09XA4C	340	65000	-
2.2	3.4	5700	1.6	435.8	BG90G50-../DHE09XA4C	340	65000	-
2.2	2.9	6700	1.35	504.7	BG90G50-../DHE09XA4C	340	65000	-
2.2	2.5	7800	1.2	588.8	BG90G50-../DHE09XA4C	340	65000	-
2.2	2.3	8500	1.1	644.7	BG90G50-../DHE09XA4C	340	65000	-
2.2	2.1	9300	0.99	714.2	BG90G50-../DHE09XA4C	340	65000	-
2.2	3.2	6500	2.8	456.7	BG100Z-../DHE09XA4C	528	90000	-
2.2	2.9	7200	2.6	508.5	BG100Z-../DHE09XA4C	528	90000	-
2.2	2.5	8400	2.2	591.1	BG100Z-../DHE09XA4C	528	90000	-
2.2	2.2	9500	1.95	658.1	BG100Z-../DHE09XA4C	528	90000	-
2.2	1.9	11000	1.7	759.0	BG100Z-../DHE09XA4C	528	90000	-

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

BG-series helical-geared motors

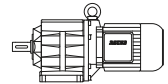
Selection helical-geared motors DHE - IE2

2.2 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
2.2	1.8	11600	1.6	845.1	BG100Z-../DHE09XA4C	528	90000	-
2.2	1.5	12400	1.5	976.1	BG100G50-../DHE09XA4C	527	90000	-
2.2	1.4	13600	1.35	1043	BG100G50-../DHE09XA4C	527	90000	-
2.2	1.2	15900	1.15	1204	BG100G50-../DHE09XA4C	527	90000	-
2.2	1.0	19600	0.94	1444	BG100G50-../DHE09XA4C	527	90000	-

3 kW

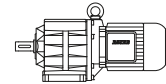


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
3	540	53	2.4	2.67	BG30-../DHE11MA4	46	1450	-
3	425	67	2.1	3.40	BG30-../DHE11MA4	46	1580	-
3	345	83	2.1	4.21	BG30-../DHE11MA4	46	1630	-
3	265	108	1.85	5.44	BG30-../DHE11MA4	46	1670	-
3	215	133	1.7	6.76	BG30-../DHE11MA4	46	2550	-
3	192	149	1.55	7.50	BG30-../DHE11MA4	46	2750	-
3	183	156	1.4	7.91	BG30-../DHE11MA4	46	1760	-
3	168	170	1.45	8.60	BG30-../DHE11MA4	46	2800	-
3	151	189	1.35	9.55	BG30-../DHE11MA4	46	3000	-
3	136	210	1.25	10.65	BG30-../DHE11MA4	46	2950	-
3	122	230	1.2	11.82	BG30-../DHE11MA4	46	3200	-
3	105	270	1.1	13.77	BG30-../DHE11MA4	46	3150	-
3	95	300	1.0	15.27	BG30-../DHE11MA4	46	3450	-
3	85	335	0.9	17.06	BG30-../DHE11MA4	46	3700	-
3	77	370	0.81	18.93	BG30-../DHE11MA4	46	4100	-
3	365	78	3.1	3.97	BG40-../DHE11MA4	65	2400	-
3	295	97	2.8	4.94	BG40-../DHE11MA4	65	2450	-
3	230	124	2.4	6.29	BG40-../DHE11MA4	65	2600	-
3	225	127	2.5	6.40	BG40-../DHE11MA4	65	3750	-
3	205	139	2.3	7.11	BG40-../DHE11MA4	65	3950	-
3	189	151	1.95	7.62	BG40-../DHE11MA4	65	2650	-
3	174	164	2.1	8.31	BG40-../DHE11MA4	65	4100	-
3	157	182	1.95	9.23	BG40-../DHE11MA4	65	4350	-
3	140	200	1.9	10.35	BG40-../DHE11MA4	65	4350	-
3	126	225	1.75	11.49	BG40-../DHE11MA4	65	4600	-
3	112	255	1.6	12.86	BG40-../DHE11MA4	65	4500	-
3	101	280	1.5	14.28	BG40-../DHE11MA4	65	4900	-
3	88	325	1.3	16.39	BG40-../DHE11MA4	65	5300	-
3	80	355	1.2	18.19	BG40-../DHE11MA4	65	5600	-
3	73	390	1.1	19.84	BG40-../DHE11MA4	65	5800	-
3	66	430	0.99	22.02	BG40-../DHE11MA4	65	6000	-
3	62	460	0.92	23.43	BG40-../DHE11MA4	65	6200	-
3	56	510	0.83	26.01	BG40-../DHE11MA4	65	6500	-
3	166	172	3.0	8.70	BG50-../DHE11MA4	75	5300	-
3	150	191	2.7	9.65	BG50-../DHE11MA4	75	5600	-
3	120	235	2.5	12.06	BG50-../DHE11MA4	75	5700	-
3	108	265	2.2	13.36	BG50-../DHE11MA4	75	6100	-
3	88	325	1.95	16.53	BG50-../DHE11MA4	75	6500	-
3	79	360	1.75	18.33	BG50-../DHE11MA4	75	7200	-
3	66	430	1.45	21.96	BG50-../DHE11MA4	75	8000	-
3	60	475	1.35	24.34	BG50-../DHE11MA4	75	8700	-
3	49	580	1.1	29.62	BG50-../DHE11MA4	75	8000	-
3	44	650	0.97	32.84	BG50-../DHE11MA4	75	8700	-
3	38.5	740	0.85	37.89	BG50-../DHE11MA4	75	10000	-
3	78	365	3.1	18.62	BG60-../DHE11MA4	107	12400	-
3	65	440	2.7	22.40	BG60-../DHE11MA4	107	13300	-
3	59	485	2.5	24.82	BG60-../DHE11MA4	107	13800	-
3	49.5	570	2.1	29.31	BG60-../DHE11MA4	107	14800	-
3	44.5	640	1.9	32.48	BG60-../DHE11MA4	107	15400	-
3	37.5	760	1.6	38.85	BG60-../DHE11MA4	107	16000	-
3	33.5	850	1.4	43.05	BG60-../DHE11MA4	107	16000	-
3	29	980	1.2	50.31	BG60-../DHE11MA4	107	16000	-
3	26	1100	1.1	55.76	BG60-../DHE11MA4	107	16000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2



3 kW

P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
3	24	1190	1.0	60.90	BG60-../DHE11MA4	107	16000	-
3	21.5	1330	0.9	67.49	BG60-../DHE11MA4	107	16000	-
3	19.5	1460	0.82	75.71	BG60Z-../DHE11MA4	123	16000	-
3	41	690	3.3	35.24	BG70-../DHE11MA4	138	18300	-
3	37	770	3.0	39.22	BG70-../DHE11MA4	138	19100	-
3	31	920	2.5	46.54	BG70-../DHE11MA4	138	20000	-
3	29	980	2.3	50.40	BG70-../DHE11MA4	138	20000	-
3	24.5	1160	2.0	59.82	BG70-../DHE11MA4	138	20000	-
3	22.5	1270	1.8	64.85	BG70Z-../DHE11MA4	164	20000	-
3	20	1430	1.6	73.82	BG70Z-../DHE11MA4	164	20000	-
3	16.5	1730	1.35	87.61	BG70Z-../DHE11MA4	164	20000	-
3	15.5	1840	1.25	95.74	BG70Z-../DHE11MA4	164	20000	-
3	13	2200	1.05	113.6	BG70Z-../DHE11MA4	164	20000	-
3	12	2350	0.98	124.0	BG70Z-../DHE11MA4	164	20000	-
3	22	1300	3.2	66.40	BG80Z-../DHE11MA4	234	26000	-
3	20	1430	2.9	73.73	BG80Z-../DHE11MA4	234	26000	-
3	17.5	1630	2.6	84.55	BG80Z-../DHE11MA4	234	26000	-
3	15.5	1840	2.3	93.89	BG80Z-../DHE11MA4	234	26000	-
3	13	2200	1.9	112.4	BG80Z-../DHE11MA4	234	26000	-
3	12	2350	1.8	124.8	BG80Z-../DHE11MA4	234	26000	-
3	10	2850	1.45	145.4	BG80Z-../DHE11MA4	234	26000	-
3	9.0	3150	1.35	161.5	BG80Z-../DHE11MA4	234	26000	-
3	7.8	3650	1.15	186.8	BG80Z-../DHE11MA4	234	26000	-
3	7.0	4050	1.05	207.4	BG80Z-../DHE11MA4	234	26000	-
3	6.4	4150	1.1	227.2	BG80G40-../DHE11MA4	242	26000	-
3	5.8	4600	1.0	252.3	BG80G40-../DHE11MA4	242	26000	-
3	5.1	5300	0.87	282.8	BG80G40-../DHE11MA4	242	26000	-
3	10.5	2700	3.1	139.2	BG90Z-../DHE11MA4	336	65000	-
3	8.9	3200	2.6	163.0	BG90Z-../DHE11MA4	336	65000	-
3	8.1	3500	2.4	178.5	BG90Z-../DHE11MA4	336	65000	-
3	7.0	4050	2.1	208.3	BG90Z-../DHE11MA4	336	65000	-
3	6.4	4450	1.9	228.1	BG90Z-../DHE11MA4	336	65000	-
3	5.5	4750	1.95	262.5	BG90G50-../DHE11MA4	353	65000	-
3	4.9	5500	1.65	298.8	BG90G50-../DHE11MA4	353	65000	-
3	4.0	6600	1.4	360.3	BG90G50-../DHE11MA4	353	65000	-
3	3.4	8000	1.15	435.8	BG90G50-../DHE11MA4	353	65000	-
3	2.9	9300	0.99	504.7	BG90G50-../DHE11MA4	353	65000	-
3	2.5	10800	0.85	588.8	BG90G50-../DHE11MA4	353	65000	-
3	5.6	5100	3.3	259.0	BG100-../DHE11MA4	453	90000	-
3	4.8	5900	3.1	300.4	BG100Z-../DHE11MA4	543	90000	-
3	4.2	6800	2.7	343.6	BG100Z-../DHE11MA4	543	90000	-
3	3.8	7500	2.5	382.6	BG100Z-../DHE11MA4	543	90000	-
3	3.2	8900	2.1	456.7	BG100Z-../DHE11MA4	543	90000	-
3	2.9	9800	1.9	508.5	BG100Z-../DHE11MA4	543	90000	-
3	2.5	11400	1.6	591.1	BG100Z-../DHE11MA4	543	90000	-
3	2.2	13000	1.4	658.1	BG100Z-../DHE11MA4	543	90000	-
3	1.9	15000	1.25	759.0	BG100Z-../DHE11MA4	543	90000	-
3	1.8	15900	1.15	845.1	BG100Z-../DHE11MA4	543	90000	-
3	1.5	17500	1.05	976.1	BG100G50-../DHE11MA4	540	90000	-
3	1.4	19000	0.97	1043	BG100G50-../DHE11MA4	540	90000	-
3	1.2	22200	0.83	1204	BG100G50-../DHE11MA4	540	90000	-

6

4 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
4	540	70	1.85	2.67	BG30-../DHE11LA4	58	1450	-
4	425	89	1.55	3.40	BG30-../DHE11LA4	58	1580	-
4	345	110	1.55	4.21	BG30-../DHE11LA4	58	1630	-
4	265	144	1.4	5.44	BG30-../DHE11LA4	58	1670	-
4	215	177	1.3	6.76	BG30-../DHE11LA4	58	2550	-
4	192	198	1.15	7.50	BG30-../DHE11LA4	58	2750	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

4 kW



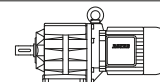
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
4	183	205	1.05	7.91	BG30-../DHE11LA4	58	1760	-
4	168	225	1.1	8.60	BG30-../DHE11LA4	58	2800	-
4	151	250	1.0	9.55	BG30-../DHE11LA4	58	3000	-
4	136	280	0.95	10.65	BG30-../DHE11LA4	58	2950	-
4	122	310	0.88	11.82	BG30-../DHE11LA4	58	3200	-
4	105	360	0.82	13.77	BG30-../DHE11LA4	58	3150	-
4	590	64	3.2	2.46	BG40-../DHE11LA4	77	2150	-
4	455	83	2.7	3.19	BG40-../DHE11LA4	77	2350	-
4	365	104	2.3	3.97	BG40-../DHE11LA4	77	2400	-
4	295	129	2.1	4.94	BG40-../DHE11LA4	77	2450	-
4	230	166	1.8	6.29	BG40-../DHE11LA4	77	2600	-
4	225	169	1.85	6.40	BG40-../DHE11LA4	77	3750	-
4	205	186	1.75	7.11	BG40-../DHE11LA4	77	3950	-
4	189	200	1.5	7.62	BG40-../DHE11LA4	77	2650	-
4	174	215	1.6	8.31	BG40-../DHE11LA4	77	4100	-
4	157	240	1.5	9.23	BG40-../DHE11LA4	77	4350	-
4	140	270	1.4	10.35	BG40-../DHE11LA4	77	4350	-
4	126	300	1.3	11.49	BG40-../DHE11LA4	77	4600	-
4	112	340	1.2	12.86	BG40-../DHE11LA4	77	4500	-
4	101	375	1.1	14.28	BG40-../DHE11LA4	77	4900	-
4	88	430	0.99	16.39	BG40-../DHE11LA4	77	5300	-
4	80	475	0.89	18.19	BG40-../DHE11LA4	77	5600	-
4	73	520	0.82	19.84	BG40-../DHE11LA4	77	5800	-
4	295	129	3.1	4.91	BG50-../DHE11LA4	86	3500	-
4	240	159	2.8	6.07	BG50-../DHE11LA4	86	4700	-
4	215	177	2.5	6.74	BG50-../DHE11LA4	86	3750	-
4	166	230	2.2	8.70	BG50-../DHE11LA4	86	5300	-
4	150	250	2.1	9.65	BG50-../DHE11LA4	86	5600	-
4	120	315	1.85	12.06	BG50-../DHE11LA4	86	5700	-
4	108	350	1.7	13.36	BG50-../DHE11LA4	86	6100	-
4	88	430	1.45	16.53	BG50-../DHE11LA4	86	6500	-
4	79	480	1.3	18.33	BG50-../DHE11LA4	86	7200	-
4	66	570	1.1	21.96	BG50-../DHE11LA4	86	8000	-
4	60	630	1.0	24.34	BG50-../DHE11LA4	86	8700	-
4	49	770	0.82	29.62	BG50-../DHE11LA4	86	8000	-
4	119	320	3.1	12.16	BG60-../DHE11LA4	119	10800	-
4	107	355	2.9	13.47	BG60-../DHE11LA4	119	11200	-
4	86	440	2.5	16.80	BG60-../DHE11LA4	119	12000	-
4	78	485	2.4	18.62	BG60-../DHE11LA4	119	12400	-
4	65	580	2.1	22.40	BG60-../DHE11LA4	119	13300	-
4	59	640	1.9	24.82	BG60-../DHE11LA4	119	13800	-
4	49.5	770	1.55	29.31	BG60-../DHE11LA4	119	14800	-
4	44.5	850	1.4	32.48	BG60-../DHE11LA4	119	15400	-
4	37.5	1010	1.2	38.85	BG60-../DHE11LA4	119	16000	-
4	33.5	1140	1.05	43.05	BG60-../DHE11LA4	119	16000	-
4	29	1310	0.92	50.31	BG60-../DHE11LA4	119	16000	-
4	26	1460	0.82	55.76	BG60-../DHE11LA4	119	16000	-
4	53	720	3.2	27.21	BG70-../DHE11LA4	149	16400	-
4	49	770	3.0	29.69	BG70-../DHE11LA4	149	16900	-
4	41	930	2.5	35.24	BG70-../DHE11LA4	149	18300	-
4	37	1030	2.2	39.22	BG70-../DHE11LA4	149	19100	-
4	31	1230	1.85	46.54	BG70-../DHE11LA4	149	20000	-
4	29	1310	1.75	50.40	BG70-../DHE11LA4	149	20000	-
4	24.5	1550	1.5	59.82	BG70-../DHE11LA4	149	20000	-
4	22.5	1690	1.35	64.85	BG70Z-../DHE11LA4	176	20000	-
4	20	1910	1.2	73.82	BG70Z-../DHE11LA4	176	20000	-
4	16.5	2300	1.0	87.61	BG70Z-../DHE11LA4	176	20000	-
4	15.5	2450	0.94	95.74	BG70Z-../DHE11LA4	176	20000	-
4	30	1270	3.3	48.80	BG80-../DHE11LA4	204	23800	-
4	25.5	1490	2.8	57.24	BG80-../DHE11LA4	204	25400	-
4	23	1660	2.5	63.56	BG80-../DHE11LA4	204	26000	-
4	22	1730	2.4	66.40	BG80Z-../DHE11LA4	246	26000	-
4	20	1910	2.2	73.73	BG80Z-../DHE11LA4	246	26000	-
4	17.5	2150	1.95	84.55	BG80Z-../DHE11LA4	246	26000	-
4	15.5	2450	1.7	93.89	BG80Z-../DHE11LA4	246	26000	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

4 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
4	13	2900	1.45	112.4	BG80Z-../DHE11LA4	246	26000	-
4	12	3150	1.35	124.8	BG80Z-../DHE11LA4	246	26000	-
4	10	3800	1.1	145.4	BG80Z-../DHE11LA4	246	26000	-
4	9.0	4200	1.0	161.5	BG80Z-../DHE11LA4	246	26000	-
4	7.8	4850	0.87	186.8	BG80Z-../DHE11LA4	246	26000	-
4	6.4	5600	0.82	227.2	BG80G40-../DHE11LA4	254	26000	-
4	14	2700	3.1	105.7	BG90Z-../DHE11LA4	348	65000	-
4	11.5	3300	2.5	127.1	BG90Z-../DHE11LA4	348	65000	-
4	10.5	3600	2.3	139.2	BG90Z-../DHE11LA4	348	65000	-
4	8.9	4250	2.0	163.0	BG90Z-../DHE11LA4	348	65000	-
4	8.1	4700	1.8	178.5	BG90Z-../DHE11LA4	348	65000	-
4	7.0	5400	1.55	208.3	BG90Z-../DHE11LA4	348	65000	-
4	6.4	5900	1.4	228.1	BG90Z-../DHE11LA4	348	65000	-
4	5.5	6500	1.4	262.5	BG90G50-../DHE11LA4	365	65000	-
4	4.9	7500	1.25	298.8	BG90G50-../DHE11LA4	365	65000	-
4	4.0	9000	1.0	360.3	BG90G50-../DHE11LA4	365	65000	-
4	3.4	10800	0.85	435.8	BG90G50-../DHE11LA4	365	65000	-
4	7.3	5200	3.2	198.8	BG100-../DHE11LA4	465	90000	-
4	6.2	6100	2.8	232.6	BG100-../DHE11LA4	465	90000	-
4	5.6	6800	2.5	259.0	BG100-../DHE11LA4	465	90000	-
4	5.4	7000	2.6	269.8	BG100Z-../DHE11LA4	555	90000	-
4	4.8	7900	2.3	300.4	BG100Z-../DHE11LA4	555	90000	-
4	4.2	9000	2.1	343.6	BG100Z-../DHE11LA4	555	90000	-
4	3.8	10000	1.85	382.6	BG100Z-../DHE11LA4	555	90000	-
4	3.2	11900	1.55	456.7	BG100Z-../DHE11LA4	555	90000	-
4	2.9	13100	1.4	508.5	BG100Z-../DHE11LA4	555	90000	-
4	2.5	15200	1.2	591.1	BG100Z-../DHE11LA4	555	90000	-
4	2.2	17300	1.05	658.1	BG100Z-../DHE11LA4	555	90000	-
4	1.9	20100	0.92	759.0	BG100Z-../DHE11LA4	555	90000	-
4	1.8	21200	0.87	845.1	BG100Z-../DHE11LA4	555	90000	-

6

5.5 kW



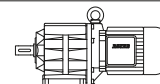
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
5.5	550	95	1.35	2.67	BG30-../DHE11LA4C	62	1450	-
5.5	430	122	1.15	3.40	BG30-../DHE11LA4C	62	1580	-
5.5	350	150	1.15	4.21	BG30-../DHE11LA4C	62	1630	-
5.5	270	194	1.05	5.44	BG30-../DHE11LA4C	62	1670	-
5.5	220	235	0.96	6.76	BG30-../DHE11LA4C	62	2550	-
5.5	195	265	0.87	7.50	BG30-../DHE11LA4C	62	2750	-
5.5	170	305	0.81	8.60	BG30-../DHE11LA4C	62	2800	-
5.5	600	87	2.3	2.46	BG40-../DHE11LA4C	81	2150	-
5.5	460	114	1.95	3.19	BG40-../DHE11LA4C	81	2350	-
5.5	370	141	1.75	3.97	BG40-../DHE11LA4C	81	2400	-
5.5	300	175	1.55	4.94	BG40-../DHE11LA4C	81	2450	-
5.5	235	220	1.35	6.29	BG40-../DHE11LA4C	81	2600	-
5.5	230	225	1.4	6.40	BG40-../DHE11LA4C	81	3750	-
5.5	210	250	1.3	7.11	BG40-../DHE11LA4C	81	3950	-
5.5	192	270	1.1	7.62	BG40-../DHE11LA4C	81	2650	-
5.5	176	295	1.15	8.31	BG40-../DHE11LA4C	81	4100	-
5.5	163	320	0.92	9.00	BG40-../DHE11LA4C	81	2650	-
5.5	159	330	1.1	9.23	BG40-../DHE11LA4C	81	4350	-
5.5	142	365	1.05	10.35	BG40-../DHE11LA4C	81	4350	-
5.5	128	410	0.95	11.49	BG40-../DHE11LA4C	81	4600	-
5.5	114	460	0.89	12.86	BG40-../DHE11LA4C	81	4500	-
5.5	103	500	0.84	14.28	BG40-../DHE11LA4C	81	4900	-
5.5	415	126	2.8	3.55	BG50-../DHE11LA4C	90	3300	-
5.5	300	175	2.3	4.91	BG50-../DHE11LA4C	90	3500	-
5.5	245	210	2.1	6.07	BG50-../DHE11LA4C	90	4700	-
5.5	220	235	1.9	6.74	BG50-../DHE11LA4C	90	3750	-
5.5	168	310	1.65	8.70	BG50-../DHE11LA4C	90	5300	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

5.5 kW



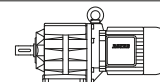
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
5.5	152	345	1.5	9.65	BG50-../DHE11LA4C	90	5600	-
5.5	122	430	1.35	12.06	BG50-../DHE11LA4C	90	5700	-
5.5	110	475	1.25	13.36	BG50-../DHE11LA4C	90	6100	-
5.5	89	590	1.05	16.53	BG50-../DHE11LA4C	90	6500	-
5.5	80	650	0.97	18.33	BG50-../DHE11LA4C	90	7200	-
5.5	67	780	0.81	21.96	BG50-../DHE11LA4C	90	8000	-
5.5	215	240	3.3	6.88	BG60-../DHE11LA4C	123	8600	-
5.5	160	325	2.7	9.13	BG60-../DHE11LA4C	123	9800	-
5.5	145	360	2.5	10.12	BG60-../DHE11LA4C	123	10200	-
5.5	121	430	2.3	12.16	BG60-../DHE11LA4C	123	10800	-
5.5	109	480	2.1	13.47	BG60-../DHE11LA4C	123	11200	-
5.5	87	600	1.85	16.80	BG60-../DHE11LA4C	123	12000	-
5.5	79	660	1.75	18.62	BG60-../DHE11LA4C	123	12400	-
5.5	66	790	1.5	22.40	BG60-../DHE11LA4C	123	13300	-
5.5	59	890	1.35	24.82	BG60-../DHE11LA4C	123	13800	-
5.5	50	1050	1.15	29.31	BG60-../DHE11LA4C	123	14800	-
5.5	45	1160	1.05	32.48	BG60-../DHE11LA4C	123	15400	-
5.5	38	1380	0.87	38.85	BG60-../DHE11LA4C	123	16000	-
5.5	70	750	3.1	20.98	BG70-../DHE11LA4C	153	14600	-
5.5	64	820	2.8	22.92	BG70-../DHE11LA4C	153	15100	-
5.5	54	970	2.4	27.21	BG70-../DHE11LA4C	153	16400	-
5.5	49.5	1060	2.2	29.69	BG70-../DHE11LA4C	153	16900	-
5.5	41.5	1260	1.85	35.24	BG70-../DHE11LA4C	153	18300	-
5.5	37.5	1400	1.65	39.22	BG70-../DHE11LA4C	153	19100	-
5.5	31.5	1660	1.4	46.54	BG70-../DHE11LA4C	153	20000	-
5.5	29	1810	1.25	50.40	BG70-../DHE11LA4C	153	20000	-
5.5	24.5	2100	1.1	59.82	BG70-../DHE11LA4C	153	20000	-
5.5	23	2250	1.0	64.85	BG70Z-../DHE11LA4C	180	20000	-
5.5	20	2600	0.88	73.82	BG70Z-../DHE11LA4C	180	20000	-
5.5	38.5	1360	3.1	38.00	BG80-../DHE11LA4C	208	21300	-
5.5	33.5	1560	2.7	43.94	BG80-../DHE11LA4C	208	22600	-
5.5	30	1750	2.4	48.80	BG80-../DHE11LA4C	208	23800	-
5.5	26	2000	2.1	57.24	BG80-../DHE11LA4C	208	25400	-
5.5	23	2250	1.85	63.56	BG80-../DHE11LA4C	208	26000	-
5.5	22	2350	1.8	66.40	BG80Z-../DHE11LA4C	250	26000	-
5.5	20	2600	1.6	73.73	BG80Z-../DHE11LA4C	250	26000	-
5.5	17.5	3000	1.4	84.55	BG80Z-../DHE11LA4C	250	26000	-
5.5	16	3250	1.3	93.89	BG80Z-../DHE11LA4C	250	26000	-
5.5	13	4000	1.05	112.4	BG80Z-../DHE11LA4C	250	26000	-
5.5	12	4350	0.97	124.8	BG80Z-../DHE11LA4C	250	26000	-
5.5	10.5	5000	0.84	145.4	BG80Z-../DHE11LA4C	250	26000	-
5.5	19.5	2650	3.2	76.61	BG90Z-../DHE11LA4C	352	65000	-
5.5	17.5	3000	2.8	83.91	BG90Z-../DHE11LA4C	352	65000	-
5.5	15.5	3350	2.5	96.53	BG90Z-../DHE11LA4C	352	65000	-
5.5	14	3750	2.2	105.7	BG90Z-../DHE11LA4C	352	65000	-
5.5	11.5	4550	1.85	127.1	BG90Z-../DHE11LA4C	352	65000	-
5.5	10.5	5000	1.7	139.2	BG90Z-../DHE11LA4C	352	65000	-
5.5	9.0	5800	1.45	163.0	BG90Z-../DHE11LA4C	352	65000	-
5.5	8.2	6400	1.3	178.5	BG90Z-../DHE11LA4C	352	65000	-
5.5	7.1	7300	1.15	208.3	BG90Z-../DHE11LA4C	352	65000	-
5.5	6.5	8000	1.05	228.1	BG90Z-../DHE11LA4C	352	65000	-
5.5	5.6	8900	1.05	262.5	BG90G50-../DHE11LA4C	369	65000	-
5.5	4.9	10400	0.88	298.8	BG90G50-../DHE11LA4C	369	65000	-
5.5	9.5	5500	3.1	154.8	BG100-../DHE11LA4C	469	90000	-
5.5	8.2	6400	2.6	178.6	BG100-../DHE11LA4C	469	90000	-
5.5	7.4	7000	2.4	198.8	BG100-../DHE11LA4C	469	90000	-
5.5	6.3	8300	2.0	232.6	BG100-../DHE11LA4C	469	90000	-
5.5	5.7	9200	1.85	259.0	BG100-../DHE11LA4C	469	90000	-
5.5	5.5	9500	1.95	269.8	BG100Z-../DHE11LA4C	559	90000	-
5.5	4.9	10700	1.75	300.4	BG100Z-../DHE11LA4C	559	90000	-
5.5	4.3	12200	1.5	343.6	BG100Z-../DHE11LA4C	559	90000	-
5.5	3.9	13400	1.4	382.6	BG100Z-../DHE11LA4C	559	90000	-
5.5	3.2	16400	1.15	456.7	BG100Z-../DHE11LA4C	559	90000	-
5.5	2.9	18100	1.0	508.5	BG100Z-../DHE11LA4C	559	90000	-
5.5	2.5	21000	0.88	591.1	BG100Z-../DHE11LA4C	559	90000	-

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

BG-series helical-geared motors

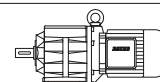
Selection helical-geared motors DHE - IE2

5.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
5.5	2.3	22800	0.81	658.1	BG100Z-../DHE11LA4C	559	90000	-

7.5 kW



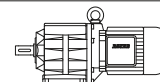
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
7.5	600	119	2.6	2.47	BG50-../DHE13LA4	101	2900	-
7.5	415	172	2.0	3.55	BG50-../DHE13LA4	101	3300	-
7.5	300	235	1.7	4.91	BG50-../DHE13LA4	101	3500	-
7.5	245	290	1.55	6.07	BG50-../DHE13LA4	101	4700	-
7.5	220	325	1.4	6.74	BG50-../DHE13LA4	101	3750	-
7.5	168	425	1.2	8.70	BG50-../DHE13LA4	101	5300	-
7.5	152	470	1.1	9.65	BG50-../DHE13LA4	101	5600	-
7.5	122	580	0.99	12.06	BG50-../DHE13LA4	101	5700	-
7.5	110	650	0.91	13.36	BG50-../DHE13LA4	101	6100	-
7.5	295	240	2.9	4.98	BG60-../DHE13LA4	135	7800	-
7.5	240	295	2.6	6.16	BG60-../DHE13LA4	135	8500	-
7.5	215	330	2.4	6.88	BG60-../DHE13LA4	135	8600	-
7.5	160	445	2.0	9.13	BG60-../DHE13LA4	135	9800	-
7.5	145	490	1.85	10.12	BG60-../DHE13LA4	135	10200	-
7.5	121	590	1.7	12.16	BG60-../DHE13LA4	135	10800	-
7.5	109	650	1.55	13.47	BG60-../DHE13LA4	135	11200	-
7.5	87	820	1.35	16.80	BG60-../DHE13LA4	135	12000	-
7.5	79	900	1.25	18.62	BG60-../DHE13LA4	135	12400	-
7.5	66	1080	1.1	22.40	BG60-../DHE13LA4	135	13300	-
7.5	59	1210	0.99	24.82	BG60-../DHE13LA4	135	13800	-
7.5	50	1430	0.84	29.31	BG60-../DHE13LA4	135	14800	-
7.5	95	750	3.1	15.53	BG70-../DHE13LA4	165	12700	-
7.5	83	860	2.7	17.68	BG70-../DHE13LA4	165	13400	-
7.5	70	1020	2.3	20.98	BG70-../DHE13LA4	165	14600	-
7.5	64	1110	2.1	22.92	BG70-../DHE13LA4	165	15100	-
7.5	54	1320	1.75	27.21	BG70-../DHE13LA4	165	16400	-
7.5	49.5	1440	1.6	29.69	BG70-../DHE13LA4	165	16900	-
7.5	41.5	1720	1.35	35.24	BG70-../DHE13LA4	165	18300	-
7.5	37.5	1910	1.2	39.22	BG70-../DHE13LA4	165	19100	-
7.5	31.5	2250	1.0	46.54	BG70-../DHE13LA4	165	20000	-
7.5	29	2450	0.94	50.40	BG70-../DHE13LA4	165	20000	-
7.5	56	1270	3.3	26.44	BG80-../DHE13LA4	219	17900	-
7.5	50	1430	2.9	29.36	BG80-../DHE13LA4	219	18900	-
7.5	43	1660	2.5	34.22	BG80-../DHE13LA4	219	20200	-
7.5	38.5	1860	2.3	38.00	BG80-../DHE13LA4	219	21300	-
7.5	33.5	2100	2.0	43.94	BG80-../DHE13LA4	219	22600	-
7.5	30	2350	1.8	48.80	BG80-../DHE13LA4	219	23800	-
7.5	26	2750	1.55	57.24	BG80-../DHE13LA4	219	25400	-
7.5	23	3100	1.35	63.56	BG80-../DHE13LA4	219	26000	-
7.5	22	3250	1.3	66.40	BG80Z-../DHE13LA4	262	26000	-
7.5	20	3550	1.2	73.73	BG80Z-../DHE13LA4	262	26000	-
7.5	17.5	4050	1.05	84.55	BG80Z-../DHE13LA4	262	26000	-
7.5	16	4450	0.94	93.89	BG80Z-../DHE13LA4	262	26000	-
7.5	27.5	2600	3.2	53.46	BG90-../DHE13LA4	308	65000	-
7.5	26	2750	2.5	57.04	BG90Z-../DHE13LA4	364	65000	-
7.5	23.5	3000	2.5	62.47	BG90Z-../DHE13LA4	364	65000	-
7.5	19.5	3650	2.3	76.61	BG90Z-../DHE13LA4	364	65000	-
7.5	17.5	4050	2.1	83.91	BG90Z-../DHE13LA4	364	65000	-
7.5	15.5	4600	1.85	96.53	BG90Z-../DHE13LA4	364	65000	-
7.5	14	5100	1.65	105.7	BG90Z-../DHE13LA4	364	65000	-
7.5	11.5	6200	1.35	127.1	BG90Z-../DHE13LA4	364	65000	-
7.5	10.5	6800	1.25	139.2	BG90Z-../DHE13LA4	364	65000	-
7.5	9.0	7900	1.05	163.0	BG90Z-../DHE13LA4	364	65000	-
7.5	8.2	8700	0.97	178.5	BG90Z-../DHE13LA4	364	65000	-
7.5	7.1	10000	0.84	208.3	BG90Z-../DHE13LA4	364	65000	-
7.5	6.7	10300	0.89	219.9	BG90G50-../DHE13LA4	380	65000	-

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

BG-series helical-geared motors

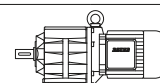
Selection helical-geared motors DHE - IE2

7.5 kW								
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
7.5	14	5100	3.3	107.5	BG100-../DHE13LA4	480	90000	-
7.5	12.5	5700	2.9	119.7	BG100-../DHE13LA4	480	90000	-
7.5	10.5	6800	2.5	139.1	BG100-../DHE13LA4	480	90000	-
7.5	9.5	7500	2.2	154.8	BG100-../DHE13LA4	480	90000	-
7.5	8.2	8700	1.95	178.6	BG100-../DHE13LA4	480	90000	-
7.5	7.4	9600	1.75	198.8	BG100-../DHE13LA4	480	90000	-
7.5	6.3	11300	1.5	232.6	BG100-../DHE13LA4	480	90000	-
7.5	5.7	12500	1.35	259.0	BG100-../DHE13LA4	480	90000	-
7.5	5.5	13000	1.4	269.8	BG100Z-../DHE13LA4	571	90000	-
7.5	4.9	14600	1.25	300.4	BG100Z-../DHE13LA4	571	90000	-
7.5	4.3	16600	1.1	343.6	BG100Z-../DHE13LA4	571	90000	-
7.5	3.9	18300	1.0	382.6	BG100Z-../DHE13LA4	571	90000	-
7.5	3.2	22300	0.83	456.7	BG100Z-../DHE13LA4	571	90000	-



6

9.5 kW								
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
9.5	600	151	2.0	2.47	BG50-../DHE16MB4	125	2900	-
9.5	415	215	1.6	3.55	BG50-../DHE16MB4	125	3300	-
9.5	300	300	1.35	4.91	BG50-../DHE16MB4	125	3500	-
9.5	245	370	1.2	6.07	BG50-../DHE16MB4	125	4700	-
9.5	220	410	1.1	6.74	BG50-../DHE16MB4	125	3750	-
9.5	169	530	0.96	8.70	BG50-../DHE16MB4	125	5300	-
9.5	153	590	0.89	9.65	BG50-../DHE16MB4	125	5600	-
9.5	395	225	2.7	3.74	BG60-../DHE16MB4	159	7100	-
9.5	300	300	2.3	4.98	BG60-../DHE16MB4	159	7800	-
9.5	240	375	2.1	6.16	BG60-../DHE16MB4	159	8500	-
9.5	220	410	1.95	6.82	BG60-../DHE16MB4	159	8900	-
9.5	215	420	1.85	6.88	BG60-../DHE16MB4	159	8600	-
9.5	162	560	1.6	9.13	BG60-../DHE16MB4	159	9800	-
9.5	146	620	1.45	10.12	BG60-../DHE16MB4	159	10200	-
9.5	121	740	1.35	12.16	BG60-../DHE16MB4	159	10800	-
9.5	110	820	1.25	13.47	BG60-../DHE16MB4	159	11200	-
9.5	88	1030	1.1	16.80	BG60-../DHE16MB4	159	12000	-
9.5	79	1140	1.0	18.62	BG60-../DHE16MB4	159	12400	-
9.5	66	1370	0.88	22.40	BG60-../DHE16MB4	159	13300	-
9.5	123	730	3.2	11.97	BG70-../DHE16MB4	194	11200	-
9.5	113	800	2.9	13.08	BG70-../DHE16MB4	194	11600	-
9.5	95	950	2.4	15.53	BG70-../DHE16MB4	194	12700	-
9.5	84	1080	2.1	17.68	BG70-../DHE16MB4	194	13400	-
9.5	71	1270	1.8	20.98	BG70-../DHE16MB4	194	14600	-
9.5	65	1390	1.65	22.92	BG70-../DHE16MB4	194	15100	-
9.5	55	1640	1.4	27.21	BG70-../DHE16MB4	194	16400	-
9.5	50	1810	1.25	29.69	BG70-../DHE16MB4	194	16900	-
9.5	42	2150	1.05	35.24	BG70-../DHE16MB4	194	18300	-
9.5	37.5	2400	0.96	39.22	BG70-../DHE16MB4	194	19100	-
9.5	32	2800	0.82	46.54	BG70-../DHE16MB4	194	20000	-
9.5	67	1350	3.1	22.09	BG80-../DHE16MB4	242	16500	-
9.5	56	1620	2.6	26.44	BG80-../DHE16MB4	242	17900	-
9.5	51	1770	2.4	29.36	BG80-../DHE16MB4	242	18900	-
9.5	43	2100	2.0	34.22	BG80-../DHE16MB4	242	20200	-
9.5	39	2300	1.85	38.00	BG80-../DHE16MB4	242	21300	-
9.5	33.5	2700	1.55	43.94	BG80-../DHE16MB4	242	22600	-
9.5	30.5	2950	1.4	48.80	BG80-../DHE16MB4	242	23800	-
9.5	26	3450	1.2	57.24	BG80-../DHE16MB4	242	25400	-
9.5	23.5	3850	1.1	63.56	BG80-../DHE16MB4	242	26000	-
9.5	22.5	4000	1.05	66.40	BG80Z-../DHE16MB4	286	26000	-
9.5	20	4500	0.93	73.73	BG80Z-../DHE16MB4	286	26000	-
9.5	17.5	5100	0.82	84.55	BG80Z-../DHE16MB4	286	26000	-
9.5	35.5	2550	3.3	41.85	BG90-../DHE16MB4	333	65000	-
9.5	30.5	2950	2.8	48.82	BG90-../DHE16MB4	333	65000	-

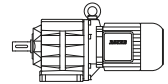


The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

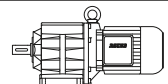
9.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
9.5	27.5	3250	2.6	53.46	BG90-../DHE16MB4	333	65000	-
9.5	26	3450	1.95	57.04	BG90Z-../DHE16MB4	392	65000	-
9.5	24	3750	2.0	62.47	BG90Z-../DHE16MB4	392	65000	-
9.5	19.5	4650	1.8	76.61	BG90Z-../DHE16MB4	392	65000	-
9.5	18	5000	1.7	83.91	BG90Z-../DHE16MB4	392	65000	-
9.5	15.5	5800	1.45	96.53	BG90Z-../DHE16MB4	392	65000	-
9.5	14	6400	1.3	105.7	BG90Z-../DHE16MB4	392	65000	-
9.5	12	7500	1.1	127.1	BG90Z-../DHE16MB4	392	65000	-
9.5	11	8200	1.0	139.2	BG90Z-../DHE16MB4	392	65000	-
9.5	9.1	9900	0.85	163.0	BG90Z-../DHE16MB4	392	65000	-
9.5	16.5	5400	3.1	90.02	BG100-../DHE16MB4	504	90000	-
9.5	14	6400	2.6	107.5	BG100-../DHE16MB4	504	90000	-
9.5	12.5	7200	2.3	119.7	BG100-../DHE16MB4	504	90000	-
9.5	11	8200	2.0	139.1	BG100-../DHE16MB4	504	90000	-
9.5	9.5	9500	1.75	154.8	BG100-../DHE16MB4	504	90000	-
9.5	8.3	10900	1.55	178.6	BG100-../DHE16MB4	504	90000	-
9.5	7.4	12200	1.4	198.8	BG100-../DHE16MB4	504	90000	-
9.5	6.4	14100	1.2	232.6	BG100-../DHE16MB4	504	90000	-
9.5	5.7	15900	1.05	259.0	BG100-../DHE16MB4	504	90000	-
9.5	5.5	16400	1.15	269.8	BG100Z-../DHE16MB4	595	90000	-
9.5	4.9	18500	1.0	300.4	BG100Z-../DHE16MB4	595	90000	-
9.5	4.3	21000	0.88	343.6	BG100Z-../DHE16MB4	595	90000	-
9.5	3.9	23200	0.8	382.6	BG100Z-../DHE16MB4	595	90000	-

6

11 kW



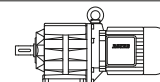
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
11	600	175	1.75	2.47	BG50-../DHE16LB4	138	2900	-
11	415	250	1.4	3.55	BG50-../DHE16LB4	138	3300	-
11	300	350	1.15	4.91	BG50-../DHE16LB4	138	3500	-
11	245	425	1.05	6.07	BG50-../DHE16LB4	138	4700	-
11	220	475	0.95	6.74	BG50-../DHE16LB4	138	3750	-
11	169	620	0.82	8.70	BG50-../DHE16LB4	138	5300	-
11	590	178	3.0	2.52	BG60-../DHE16LB4	172	6200	-
11	395	265	2.3	3.74	BG60-../DHE16LB4	172	7100	-
11	300	350	1.95	4.98	BG60-../DHE16LB4	172	7800	-
11	240	435	1.75	6.16	BG60-../DHE16LB4	172	8500	-
11	220	475	1.7	6.82	BG60-../DHE16LB4	172	8900	-
11	215	485	1.6	6.88	BG60-../DHE16LB4	172	8600	-
11	162	640	1.4	9.13	BG60-../DHE16LB4	172	9800	-
11	146	710	1.3	10.12	BG60-../DHE16LB4	172	10200	-
11	121	860	1.15	12.16	BG60-../DHE16LB4	172	10800	-
11	110	950	1.05	13.47	BG60-../DHE16LB4	172	11200	-
11	88	1190	0.93	16.80	BG60-../DHE16LB4	172	12000	-
11	79	1320	0.87	18.62	BG60-../DHE16LB4	172	12400	-
11	146	710	3.2	10.09	BG70-../DHE16LB4	206	10200	-
11	123	850	2.7	11.97	BG70-../DHE16LB4	206	11200	-
11	113	920	2.5	13.08	BG70-../DHE16LB4	206	11600	-
11	95	1100	2.1	15.53	BG70-../DHE16LB4	206	12700	-
11	84	1250	1.85	17.68	BG70-../DHE16LB4	206	13400	-
11	71	1470	1.55	20.98	BG70-../DHE16LB4	206	14600	-
11	65	1610	1.45	22.92	BG70-../DHE16LB4	206	15100	-
11	55	1910	1.2	27.21	BG70-../DHE16LB4	206	16400	-
11	50	2100	1.1	29.69	BG70-../DHE16LB4	206	16900	-
11	42	2500	0.92	35.24	BG70-../DHE16LB4	206	18300	-
11	37.5	2800	0.82	39.22	BG70-../DHE16LB4	206	19100	-
11	74	1410	3.0	19.89	BG80-../DHE16LB4	256	15500	-
11	67	1560	2.7	22.09	BG80-../DHE16LB4	256	16500	-
11	56	1870	2.2	26.44	BG80-../DHE16LB4	256	17900	-
11	51	2050	2.0	29.36	BG80-../DHE16LB4	256	18900	-
11	43	2400	1.75	34.22	BG80-../DHE16LB4	256	20200	-

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

BG-series helical-geared motors

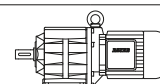
Selection helical-geared motors DHE - IE2

11 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
11	39	2650	1.6	38.00	BG80-../DHE16LB4	256	21300	-
11	33.5	3100	1.35	43.94	BG80-../DHE16LB4	256	22600	-
11	30.5	3400	1.25	48.80	BG80-../DHE16LB4	256	23800	-
11	26	4000	1.05	57.24	BG80-../DHE16LB4	256	25400	-
11	23.5	4450	0.94	63.56	BG80-../DHE16LB4	256	26000	-
11	22.5	4650	0.9	66.40	BG80Z-../DHE16LB4	299	26000	-
11	20	5200	0.81	73.73	BG80Z-../DHE16LB4	299	26000	-
11	38.5	2700	3.1	38.21	BG90-../DHE16LB4	346	65000	-
11	35.5	2950	2.8	41.85	BG90-../DHE16LB4	346	65000	-
11	30.5	3400	2.5	48.82	BG90-../DHE16LB4	346	65000	-
11	27.5	3800	2.2	53.46	BG90-../DHE16LB4	346	65000	-
11	26	4000	1.7	57.04	BG90Z-../DHE16LB4	405	65000	-
11	24	4350	1.7	62.47	BG90Z-../DHE16LB4	405	65000	-
11	19.5	5300	1.6	76.61	BG90Z-../DHE16LB4	405	65000	-
11	18	5800	1.45	83.91	BG90Z-../DHE16LB4	405	65000	-
11	15.5	6700	1.25	96.53	BG90Z-../DHE16LB4	405	65000	-
11	14	7500	1.1	105.7	BG90Z-../DHE16LB4	405	65000	-
11	12	8700	0.97	127.1	BG90Z-../DHE16LB4	405	65000	-
11	11	9500	0.88	139.2	BG90Z-../DHE16LB4	405	65000	-
11	21	5000	3.2	70.69	BG100-../DHE16LB4	516	90000	-
11	18.5	5600	3.0	80.85	BG100-../DHE16LB4	516	90000	-
11	16.5	6300	2.7	90.02	BG100-../DHE16LB4	516	90000	-
11	14	7500	2.2	107.5	BG100-../DHE16LB4	516	90000	-
11	12.5	8400	2.0	119.7	BG100-../DHE16LB4	516	90000	-
11	11	9500	1.75	139.1	BG100-../DHE16LB4	516	90000	-
11	9.5	11000	1.55	154.8	BG100-../DHE16LB4	516	90000	-
11	8.3	12600	1.35	178.6	BG100-../DHE16LB4	516	90000	-
11	7.4	14100	1.2	198.8	BG100-../DHE16LB4	516	90000	-
11	6.4	16400	1.0	232.6	BG100-../DHE16LB4	516	90000	-
11	5.7	18400	0.91	259.0	BG100-../DHE16LB4	516	90000	-
11	5.5	19100	0.97	269.8	BG100Z-../DHE16LB4	608	90000	-
11	4.9	21400	0.86	300.4	BG100Z-../DHE16LB4	608	90000	-

15 kW

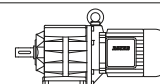


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
15	600	235	1.3	2.47	BG50-../DHE16XB4	148	2900	-
15	415	345	1.0	3.55	BG50-../DHE16XB4	148	3300	-
15	300	475	0.84	4.91	BG50-../DHE16XB4	148	3500	-
15	590	240	2.2	2.52	BG60-../DHE16XB4	182	6200	-
15	395	360	1.7	3.74	BG60-../DHE16XB4	182	7100	-
15	300	475	1.45	4.98	BG60-../DHE16XB4	182	7800	-
15	240	590	1.3	6.16	BG60-../DHE16XB4	182	8500	-
15	220	650	1.25	6.82	BG60-../DHE16XB4	182	8900	-
15	215	660	1.2	6.88	BG60-../DHE16XB4	182	8600	-
15	162	880	1.0	9.13	BG60-../DHE16XB4	182	9800	-
15	146	980	0.93	10.12	BG60-../DHE16XB4	182	10200	-
15	121	1180	0.84	12.16	BG60-../DHE16XB4	182	10800	-
15	210	680	3.2	7.14	BG70-../DHE16XB4	216	8800	-
15	174	820	2.8	8.48	BG70-../DHE16XB4	216	9500	-
15	146	980	2.3	10.09	BG70-../DHE16XB4	216	10200	-
15	123	1160	2.0	11.97	BG70-../DHE16XB4	216	11200	-
15	113	1260	1.85	13.08	BG70-../DHE16XB4	216	11600	-
15	95	1500	1.55	15.53	BG70-../DHE16XB4	216	12700	-
15	84	1700	1.35	17.68	BG70-../DHE16XB4	216	13400	-
15	71	2000	1.15	20.98	BG70-../DHE16XB4	216	14600	-
15	65	2200	1.05	22.92	BG70-../DHE16XB4	216	15100	-
15	55	2600	0.88	27.21	BG70-../DHE16XB4	216	16400	-
15	50	2850	0.81	29.69	BG70-../DHE16XB4	216	16900	-
15	95	1500	2.8	15.62	BG80-../DHE16XB4	266	13700	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

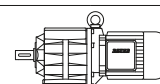


15 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
15	85	1680	2.5	17.35	BG80-../DHE16XB4	266	14600	-
15	74	1930	2.2	19.89	BG80-../DHE16XB4	266	15500	-
15	67	2100	2.0	22.09	BG80-../DHE16XB4	266	16500	-
15	56	2550	1.65	26.44	BG80-../DHE16XB4	266	17900	-
15	51	2800	1.5	29.36	BG80-../DHE16XB4	266	18900	-
15	43	3300	1.25	34.22	BG80-../DHE16XB4	266	20200	-
15	39	3650	1.15	38.00	BG80-../DHE16XB4	266	21300	-
15	33.5	4250	0.99	43.94	BG80-../DHE16XB4	266	22600	-
15	30.5	4650	0.9	48.80	BG80-../DHE16XB4	266	23800	-
15	49.5	2850	2.9	29.78	BG90-../DHE16XB4	356	65000	-
15	45.5	3100	2.7	32.62	BG90-../DHE16XB4	356	65000	-
15	38.5	3700	2.3	38.21	BG90-../DHE16XB4	356	65000	-
15	35.5	4000	2.1	41.85	BG90-../DHE16XB4	356	65000	-
15	30.5	4650	1.8	48.82	BG90-../DHE16XB4	356	65000	-
15	27.5	5200	1.6	53.46	BG90-../DHE16XB4	356	65000	-
15	26	5500	1.25	57.04	BG90Z-../DHE16XB4	415	65000	-
15	24	5900	1.25	62.47	BG90Z-../DHE16XB4	415	65000	-
15	19.5	7300	1.15	76.61	BG90Z-../DHE16XB4	415	65000	-
15	18	7900	1.05	83.91	BG90Z-../DHE16XB4	415	65000	-
15	15.5	9200	0.91	96.53	BG90Z-../DHE16XB4	415	65000	-
15	14	10200	0.82	105.7	BG90Z-../DHE16XB4	415	65000	-
15	32	4450	3.2	46.43	BG100-../DHE16XB4	526	90000	-
15	28.5	5000	2.9	51.70	BG100-../DHE16XB4	526	90000	-
15	23.5	6000	2.6	63.49	BG100-../DHE16XB4	526	90000	-
15	21	6800	2.3	70.69	BG100-../DHE16XB4	526	90000	-
15	18.5	7700	2.1	80.85	BG100-../DHE16XB4	526	90000	-
15	16.5	8600	1.95	90.02	BG100-../DHE16XB4	526	90000	-
15	14	10200	1.65	107.5	BG100-../DHE16XB4	526	90000	-
15	12.5	11400	1.45	119.7	BG100-../DHE16XB4	526	90000	-
15	11	13000	1.3	139.1	BG100-../DHE16XB4	526	90000	-
15	9.5	15000	1.1	154.8	BG100-../DHE16XB4	526	90000	-
15	8.3	17200	0.98	178.6	BG100-../DHE16XB4	526	90000	-
15	7.4	19300	0.87	198.8	BG100-../DHE16XB4	526	90000	-

6

18.5 kW



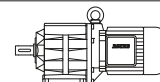
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
18.5	600	290	1.05	2.47	BG50-../DHE18LB4	200	2900	-
18.5	415	425	0.82	3.55	BG50-../DHE18LB4	200	3300	-
18.5	590	295	1.8	2.52	BG60-../DHE18LB4	229	6200	-
18.5	395	445	1.4	3.74	BG60-../DHE18LB4	229	7100	-
18.5	300	580	1.2	4.98	BG60-../DHE18LB4	229	7800	-
18.5	215	820	0.95	6.88	BG60-../DHE18LB4	229	8600	-
18.5	162	1090	0.81	9.13	BG60-../DHE18LB4	229	9800	-
18.5	300	580	2.6	4.95	BG70-../DHE18LB4	257	6900	-
18.5	255	690	2.5	5.87	BG70-../DHE18LB4	257	8200	-
18.5	210	840	2.6	7.14	BG70-../DHE18LB4	257	8800	-
18.5	174	1010	2.3	8.48	BG70-../DHE18LB4	257	9500	-
18.5	146	1210	1.9	10.09	BG70-../DHE18LB4	257	10200	-
18.5	123	1430	1.6	11.97	BG70-../DHE18LB4	257	11200	-
18.5	113	1560	1.45	13.08	BG70-../DHE18LB4	257	11600	-
18.5	95	1850	1.25	15.53	BG70-../DHE18LB4	257	12700	-
18.5	84	2100	1.1	17.68	BG70-../DHE18LB4	257	13400	-
18.5	71	2450	0.94	20.98	BG70-../DHE18LB4	257	14600	-
18.5	65	2700	0.85	22.92	BG70-../DHE18LB4	257	15100	-
18.5	129	1360	3.1	11.43	BG80-../DHE18LB4	311	11600	-
18.5	116	1520	2.8	12.69	BG80-../DHE18LB4	311	12400	-
18.5	95	1850	2.3	15.62	BG80-../DHE18LB4	311	13700	-
18.5	85	2050	2.0	17.35	BG80-../DHE18LB4	311	14600	-
18.5	74	2350	1.8	19.89	BG80-../DHE18LB4	311	15500	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

18.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
18.5	67	2600	1.6	22.09	BG80-../DHE18LB4	311	16500	-
18.5	56	3150	1.35	26.44	BG80-../DHE18LB4	311	17900	-
18.5	51	3450	1.2	29.36	BG80-../DHE18LB4	311	18900	-
18.5	43	4100	1.0	34.22	BG80-../DHE18LB4	311	20200	-
18.5	39	4500	0.93	38.00	BG80-../DHE18LB4	311	21300	-
18.5	33.5	5200	0.81	43.94	BG80-../DHE18LB4	311	22600	-
18.5	65	2700	3.1	22.62	BG90-../DHE18LB4	402	65000	-
18.5	60	2900	2.9	24.78	BG90-../DHE18LB4	402	65000	-
18.5	49.5	3550	2.4	29.78	BG90-../DHE18LB4	402	65000	-
18.5	45.5	3850	2.2	32.62	BG90-../DHE18LB4	402	65000	-
18.5	38.5	4550	1.85	38.21	BG90-../DHE18LB4	402	65000	-
18.5	35.5	4950	1.7	41.85	BG90-../DHE18LB4	402	65000	-
18.5	30.5	5700	1.45	48.82	BG90-../DHE18LB4	402	65000	-
18.5	27.5	6400	1.3	53.46	BG90-../DHE18LB4	402	65000	-
18.5	26	6700	1.0	57.04	BG90Z-../DHE18LB4	456	65000	-
18.5	24	7300	1.05	62.47	BG90Z-../DHE18LB4	456	65000	-
18.5	19.5	9000	0.93	76.61	BG90Z-../DHE18LB4	456	65000	-
18.5	18	9800	0.86	83.91	BG90Z-../DHE18LB4	456	65000	-
18.5	44	4000	3.2	33.71	BG100-../DHE18LB4	572	88500	-
18.5	39.5	4450	3.0	37.54	BG100-../DHE18LB4	572	90000	-
18.5	32	5500	2.6	46.43	BG100-../DHE18LB4	572	90000	-
18.5	28.5	6100	2.4	51.70	BG100-../DHE18LB4	572	90000	-
18.5	23.5	7500	2.1	63.49	BG100-../DHE18LB4	572	90000	-
18.5	21	8400	1.9	70.69	BG100-../DHE18LB4	572	90000	-
18.5	18.5	9500	1.75	80.85	BG100-../DHE18LB4	572	90000	-
18.5	16.5	10700	1.55	90.02	BG100-../DHE18LB4	572	90000	-
18.5	14	12600	1.35	107.5	BG100-../DHE18LB4	572	90000	-
18.5	12.5	14100	1.2	119.7	BG100-../DHE18LB4	572	90000	-
18.5	11	16000	1.05	139.1	BG100-../DHE18LB4	572	90000	-
18.5	9.5	18500	0.91	154.8	BG100-../DHE18LB4	572	90000	-

22 kW



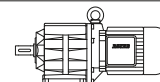
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
22	600	350	0.87	2.47	BG50-../DHE18XB4	218	2900	-
22	590	355	1.5	2.52	BG60-../DHE18XB4	247	6200	-
22	395	530	1.15	3.74	BG60-../DHE18XB4	247	7100	-
22	300	700	0.98	4.98	BG60-../DHE18XB4	247	7800	-
22	215	970	0.8	6.88	BG60-../DHE18XB4	247	8600	-
22	300	700	2.1	4.95	BG70-../DHE18XB4	275	6900	-
22	255	820	2.1	5.87	BG70-../DHE18XB4	275	8200	-
22	210	1000	2.2	7.14	BG70-../DHE18XB4	275	8800	-
22	174	1200	1.9	8.48	BG70-../DHE18XB4	275	9500	-
22	146	1430	1.6	10.09	BG70-../DHE18XB4	275	10200	-
22	123	1700	1.35	11.97	BG70-../DHE18XB4	275	11200	-
22	113	1850	1.25	13.08	BG70-../DHE18XB4	275	11600	-
22	95	2200	1.05	15.53	BG70-../DHE18XB4	275	12700	-
22	84	2500	0.92	17.68	BG70-../DHE18XB4	275	13400	-
22	250	840	3.2	5.94	BG80-../DHE18XB4	329	8300	-
22	225	930	3.2	6.60	BG80-../DHE18XB4	329	9100	-
22	178	1180	3.2	8.30	BG80-../DHE18XB4	329	10400	-
22	160	1310	3.0	9.21	BG80-../DHE18XB4	329	10800	-
22	129	1620	2.6	11.43	BG80-../DHE18XB4	329	11600	-
22	116	1810	2.3	12.69	BG80-../DHE18XB4	329	12400	-
22	95	2200	1.9	15.62	BG80-../DHE18XB4	329	13700	-
22	85	2450	1.7	17.35	BG80-../DHE18XB4	329	14600	-
22	74	2800	1.5	19.89	BG80-../DHE18XB4	329	15500	-
22	67	3100	1.35	22.09	BG80-../DHE18XB4	329	16500	-
22	56	3750	1.1	26.44	BG80-../DHE18XB4	329	17900	-
22	51	4100	1.0	29.36	BG80-../DHE18XB4	329	18900	-

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

BG-series helical-geared motors

Selection helical-geared motors DHE - IE2

22 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
22	43	4850	0.87	34.22	BG80-../DHE18XB4	329	20200	-
22	82	2550	3.2	17.96	BG90-../DHE18XB4	420	59800	-
22	75	2800	3.0	19.67	BG90-../DHE18XB4	420	62400	-
22	65	3200	2.6	22.62	BG90-../DHE18XB4	420	65000	-
22	60	3500	2.4	24.78	BG90-../DHE18XB4	420	65000	-
22	49.5	4200	2.0	29.78	BG90-../DHE18XB4	420	65000	-
22	45.5	4600	1.85	32.62	BG90-../DHE18XB4	420	65000	-
22	38.5	5400	1.55	38.21	BG90-../DHE18XB4	420	65000	-
22	35.5	5900	1.4	41.85	BG90-../DHE18XB4	420	65000	-
22	30.5	6800	1.25	48.82	BG90-../DHE18XB4	420	65000	-
22	27.5	7600	1.1	53.46	BG90-../DHE18XB4	420	65000	-
22	26	8000	0.85	57.04	BG90Z-../DHE18XB4	474	65000	-
22	24	8700	0.86	62.47	BG90Z-../DHE18XB4	474	65000	-
22	44	4750	2.7	33.71	BG100-../DHE18XB4	590	88500	-
22	39.5	5300	2.5	37.54	BG100-../DHE18XB4	590	90000	-
22	32	6500	2.2	46.43	BG100-../DHE18XB4	590	90000	-
22	28.5	7300	2.0	51.70	BG100-../DHE18XB4	590	90000	-
22	23.5	8900	1.75	63.49	BG100-../DHE18XB4	590	90000	-
22	21	10000	1.6	70.69	BG100-../DHE18XB4	590	90000	-
22	18.5	11300	1.45	80.85	BG100-../DHE18XB4	590	90000	-
22	16.5	12700	1.3	90.02	BG100-../DHE18XB4	590	90000	-
22	14	15000	1.1	107.5	BG100-../DHE18XB4	590	90000	-
22	12.5	16800	1.0	119.7	BG100-../DHE18XB4	590	90000	-
22	11	19100	0.88	139.1	BG100-../DHE18XB4	590	90000	-

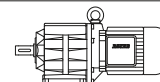
6

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

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.03 kW

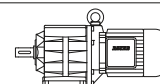


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.03	540	0.53	7.5	2.51	BG04-../D04LA4	4.4	340	-
0.03	370	0.77	6.5	3.65	BG04-../D04LA4	4.4	390	-
0.03	310	0.92	7.6	4.39	BG04-../D04LA4	4.4	380	-
0.03	255	1.12	8.0	5.36	BG04-../D04LA4	4.4	380	-
0.03	220	1.3	8.5	6.18	BG04-../D04LA4	4.4	415	-
0.03	205	1.39	7.2	6.67	BG04-../D04LA4	4.4	410	-
0.03	199	1.43	7.7	6.80	BG04-../D04LA4	4.4	420	-
0.03	158	1.81	6.1	8.58	BG04-../D04LA4	4.4	410	-
0.03	150	1.91	6.3	9.00	BG04-../D04LA4	4.4	470	-
0.03	137	2.05	6.3	9.90	BG04-../D04LA4	4.4	480	-
0.03	125	2.25	6.2	10.82	BG04-../D04LA4	4.4	480	-
0.03	114	2.5	6.0	11.90	BG04-../D04LA4	4.4	490	-
0.03	108	2.65	5.7	12.55	BG04-../D04LA4	4.4	490	-
0.03	103	2.75	5.8	13.20	BG04-../D04LA4	4.4	500	-
0.03	93	3.05	5.6	14.52	BG04-../D04LA4	4.4	510	-
0.03	83	3.45	5.2	16.44	BG04-../D04LA4	4.4	530	-
0.03	75	3.8	4.7	18.08	BG04-../D04LA4	4.4	540	-
0.03	64	4.45	4.3	21.12	BG04-../D04LA4	4.4	560	-
0.03	59	4.85	4.1	23.23	BG04-../D04LA4	4.4	600	-
0.03	56	5.1	3.9	24.45	BG04-../D04LA4	4.4	610	-
0.03	51	5.6	3.6	26.89	BG04-../D04LA4	4.4	650	-
0.03	44	6.5	3.1	30.91	BG04-../D04LA4	4.4	690	-
0.03	40	7.1	2.8	34.00	BG04-../D04LA4	4.4	720	-
0.03	38.5	7.4	2.7	35.35	BG04-../D04LA4	4.4	730	-
0.03	35	8.1	2.5	38.89	BG04-../D04LA4	4.4	750	-
0.03	32	8.9	2.2	42.24	BG04-../D04LA4	4.4	750	-
0.03	29.5	9.7	2.1	46.47	BG04-../D04LA4	4.4	750	-
0.03	28.5	10	2.0	47.52	BG04-../D04LA4	4.4	750	-
0.03	26	11	1.8	52.28	BG04-../D04LA4	4.4	750	-
0.03	25	11.4	1.75	54.97	BG04-../D04LA4	4.4	750	-
0.03	22.5	12.7	1.55	60.47	BG04-../D04LA4	4.4	750	-
0.03	31	9.2	3.3	43.57	BG05-../D04LA4	5.1	900	-
0.03	29	9.8	3.1	47.00	BG05-../D04LA4	5.1	930	-
0.03	26.5	10.8	2.8	51.27	BG05-../D04LA4	5.1	970	-
0.03	25.5	11.2	2.7	53.44	BG05-../D04LA4	5.1	980	-
0.03	23.5	12.1	2.5	58.30	BG05-../D04LA4	5.1	1000	-
0.03	18	13.8	2.9	75.99	BG06G04-../D04LA4	8.4	1070	-
0.03	16.5	15	2.9	82.89	BG06G04-../D04LA4	8.4	1070	-
0.03	15	16.5	2.7	93.00	BG06G04-../D04LA4	8.4	1070	-
0.03	13.5	18.4	2.4	101.5	BG06G04-../D04LA4	8.4	1070	-
0.03	11.5	21	2.1	122.0	BG06G04-../D04LA4	8.4	1070	-
0.03	9.1	26	1.75	149.0	BG06G04-../D04LA4	8.4	1070	-
0.03	7.3	33.5	1.35	185.4	BG06G04-../D04LA4	8.4	1070	-
0.03	5.4	46	0.98	250.2	BG06G04-../D04LA4	8.4	1070	-
0.03	5.0	50	0.9	275.2	BG06G04-../D04LA4	8.4	1070	-
0.03	4.1	45*	1.0	330.8	BG06G04-../D04LA4	8.4	1070	-
0.03	3.7	45*	1.0	367.0	BG06G04-../D04LA4	8.4	1070	-
0.03	3.0	45*	1.0	457.0	BG06G04-../D04LA4	8.4	1070	-
0.03	2.7	45*	1.0	502.6	BG06G04-../D04LA4	8.4	1070	-
0.03	2.3	45*	1.0	587.1	BG06G04-../D04LA4	8.4	1070	-
0.03	2.1	45*	1.0	645.8	BG06G04-../D04LA4	8.4	1070	-
0.03	1.9	45*	1.0	747.5	BG06G04-../D04LA4	8.4	1070	-
0.03	1.6	45*	1.0	859.3	BG06G04-../D04LA4	8.4	1070	-
0.03	1.5	45*	1.0	945.2	BG06G04-../D04LA4	8.4	1070	-
0.03	1.3	45*	1.0	1081	BG06G04-../D04LA4	8.4	1070	-
0.03	1.2	45*	1.0	1174	BG06G04-../D04LA4	8.4	1070	-
0.03	1.1	45*	1.0	1321	BG06G04-../D04LA4	8.4	1070	-
0.03	0.9	45*	1.0	1528	BG06G04-../D04LA4	8.4	1070	-
0.03	0.85	45*	1.0	1681	BG06G04-../D04LA4	8.4	1070	-
0.03	0.7	45*	1.0	1948	BG06G04-../D04LA4	8.4	1070	-
0.03	0.65	45*	1.0	2126	BG06G04-../D04LA4	8.4	1070	-
0.03	0.6	45*	1.0	2435	BG06G04-../D04LA4	8.4	1070	-
0.03	20.5	13.9	3.2	66.79	BG06-../D04LA4	6.1	1070	-
0.03	7.4	38.5	3.1	184.0	BG10Z-../D04LA4	11	2000	2800
0.03	7.0	40.5	3.0	194.6	BG10Z-../D04LA4	11	2000	2800
0.03	6.3	45	2.7	215.7	BG10Z-../D04LA4	11	2000	2800

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

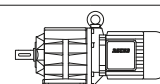
0.03 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
0.03	5.7	50	2.4	240.4	BG10Z-../D04LA4	11	2000	2800
0.03	5.1	56	2.1	266.3	BG10Z-../D04LA4	11	2000	2800
0.03	4.9	58	2.1	276.0	BG10Z-../D04LA4	11	2000	2800
0.03	4.5	63	1.9	305.8	BG10Z-../D04LA4	11	2000	2800
0.03	3.6	49	2.7	379.6	BG10G06-../D04LA4	14	2000	2800
0.03	3.1	57	2.3	435.9	BG10G06-../D04LA4	14	2000	2800
0.03	2.7	68	1.9	512.6	BG10G06-../D04LA4	14	2000	2800
0.03	2.3	83	1.55	613.6	BG10G06-../D04LA4	14	2000	2800
0.03	1.9	105	1.25	748.9	BG10G06-../D04LA4	14	2000	2800
0.03	1.6	130	1.0	899.5	BG10G06-../D04LA4	14	2000	2800
0.03	1.3	130*	1.0	1081	BG10G06-../D04LA4	14	2000	2800
0.03	1.1	130*	1.0	1272	BG10G06-../D04LA4	14	2000	2800
0.03	0.9	130*	1.0	1523	BG10G06-../D04LA4	14	2000	2800
0.03	0.75	130*	1.0	1863	BG10G06-../D04LA4	14	2000	2800
0.03	0.6	130*	1.0	2356	BG10G06-../D04LA4	14	2000	2800
0.03	0.55	130*	1.0	2699	BG10G06-../D04LA4	14	2000	2800
0.03	0.46	130*	1.0	2944	BG10G06-../D04LA4	14	2000	2800
0.03	0.4	130*	1.0	3378	BG10G06-../D04LA4	14	2000	2800
0.03	0.37	130*	1.0	3684	BG10G06-../D04LA4	14	2000	2800
0.03	0.31	130*	1.0	4477	BG10G06-../D04LA4	14	2000	2800
0.03	0.28	130*	1.0	4884	BG10G06-../D04LA4	14	2000	2800
0.03	2.5	77	2.9	550.6	BG20G06-../D04LA4	17	5000	2100
0.03	2.1	95	2.3	671.9	BG20G06-../D04LA4	17	5000	2100
0.03	1.7	125	1.75	807.1	BG20G06-../D04LA4	17	5000	2100
0.03	1.4	160	1.4	969.9	BG20G06-../D04LA4	17	5000	2100
0.03	1.2	188	1.15	1142	BG20G06-../D04LA4	17	5000	2100
0.03	1.0	230	0.96	1366	BG20G06-../D04LA4	17	5000	2100
0.03	0.85	220*	1.0	1672	BG20G06-../D04LA4	17	5000	2100
0.03	0.75	220*	1.0	1824	BG20G06-../D04LA4	17	5000	2100
0.03	0.65	220*	1.0	2114	BG20G06-../D04LA4	17	5000	2100
0.03	0.6	220*	1.0	2422	BG20G06-../D04LA4	17	5000	2100
0.03	0.55	220*	1.0	2642	BG20G06-../D04LA4	17	5000	2100
0.03	0.45	220*	1.0	3031	BG20G06-../D04LA4	17	5000	2100
0.03	0.41	220*	1.0	3306	BG20G06-../D04LA4	17	5000	2100
0.03	0.34	220*	1.0	4017	BG20G06-../D04LA4	17	5000	2100
0.03	0.31	220*	1.0	4383	BG20G06-../D04LA4	17	5000	2100
0.03	2.0	101	3.2	690.6	BG30G06-../D04LA4	21	6000	-
0.03	1.8	116	2.8	760.7	BG30G06-../D04LA4	21	6000	-
0.03	1.7	124	2.6	829.5	BG30G06-../D04LA4	21	6000	-
0.03	1.4	158	2.1	996.8	BG30G06-../D04LA4	21	6000	-
0.03	1.3	173	1.9	1088	BG30G06-../D04LA4	21	6000	-
0.03	1.1	205	1.6	1280	BG30G06-../D04LA4	21	6000	-
0.03	1.0	230	1.4	1404	BG30G06-../D04LA4	21	6000	-
0.03	0.8	295	1.1	1718	BG30G06-../D04LA4	21	6000	-
0.03	0.75	320	1.0	1875	BG30G06-../D04LA4	21	6000	-
0.03	0.65	325*	1.0	2173	BG30G06-../D04LA4	21	6000	-
0.03	0.5	325*	1.0	2715	BG30G06-../D04LA4	21	6000	-
0.03	0.44	325*	1.0	3115	BG30G06-../D04LA4	21	6000	-
0.03	0.4	325*	1.0	3398	BG30G06-../D04LA4	21	6000	-
0.03	0.35	325*	1.0	3867	BG30G06-../D04LA4	21	6000	-
0.03	0.3	325*	1.0	4504	BG30G06-../D04LA4	21	6000	-

6

0.04 kW

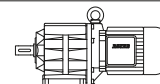


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
0.04	540	0.7	5.7	2.51	BG04-../D04LA4	4.4	340	-
0.04	370	1.03	4.9	3.65	BG04-../D04LA4	4.4	390	-
0.04	310	1.23	5.7	4.39	BG04-../D04LA4	4.4	380	-
0.04	255	1.49	6.0	5.36	BG04-../D04LA4	4.4	380	-
0.04	220	1.73	6.4	6.18	BG04-../D04LA4	4.4	415	-
0.04	205	1.86	5.4	6.67	BG04-../D04LA4	4.4	410	-
0.04	199	1.91	5.8	6.80	BG04-../D04LA4	4.4	420	-
0.04	158	2.4	4.6	8.58	BG04-../D04LA4	4.4	410	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.04 kW

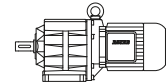


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.04	150	2.5	4.8	9.00	BG04-../D04LA4	4.4	470	-
0.04	137	2.75	4.7	9.90	BG04-../D04LA4	4.4	480	-
0.04	125	3.05	4.6	10.82	BG04-../D04LA4	4.4	480	-
0.04	114	3.35	4.5	11.90	BG04-../D04LA4	4.4	490	-
0.04	108	3.5	4.3	12.55	BG04-../D04LA4	4.4	490	-
0.04	103	3.7	4.3	13.20	BG04-../D04LA4	4.4	500	-
0.04	93	4.1	4.1	14.52	BG04-../D04LA4	4.4	510	-
0.04	83	4.6	3.9	16.44	BG04-../D04LA4	4.4	530	-
0.04	75	5.0	3.6	18.08	BG04-../D04LA4	4.4	540	-
0.04	64	5.9	3.2	21.12	BG04-../D04LA4	4.4	560	-
0.04	59	6.4	3.1	23.23	BG04-../D04LA4	4.4	600	-
0.04	56	6.8	2.9	24.45	BG04-../D04LA4	4.4	610	-
0.04	51	7.4	2.7	26.89	BG04-../D04LA4	4.4	650	-
0.04	44	8.6	2.3	30.91	BG04-../D04LA4	4.4	690	-
0.04	40	9.5	2.1	34.00	BG04-../D04LA4	4.4	720	-
0.04	38.5	9.9	2.0	35.35	BG04-../D04LA4	4.4	730	-
0.04	35	10.9	1.85	38.89	BG04-../D04LA4	4.4	750	-
0.04	32	11.9	1.7	42.24	BG04-../D04LA4	4.4	750	-
0.04	29.5	12.9	1.55	46.47	BG04-../D04LA4	4.4	750	-
0.04	28.5	13.4	1.5	47.52	BG04-../D04LA4	4.4	750	-
0.04	26	14.6	1.35	52.28	BG04-../D04LA4	4.4	750	-
0.04	25	15.2	1.3	54.97	BG04-../D04LA4	4.4	750	-
0.04	22.5	16.9	1.2	60.47	BG04-../D04LA4	4.4	750	-
0.04	39	9.7	3.1	35.00	BG05-../D04LA4	5.1	810	-
0.04	35.5	10.7	2.8	38.18	BG05-../D04LA4	5.1	850	-
0.04	34	11.2	2.7	39.94	BG05-../D04LA4	5.1	860	-
0.04	31	12.3	2.4	43.57	BG05-../D04LA4	5.1	900	-
0.04	29	13.1	2.3	47.00	BG05-../D04LA4	5.1	930	-
0.04	26.5	14.4	2.1	51.27	BG05-../D04LA4	5.1	970	-
0.04	25.5	14.9	2.0	53.44	BG05-../D04LA4	5.1	980	-
0.04	23.5	16.2	1.85	58.30	BG05-../D04LA4	5.1	1000	-
0.04	18	19.1	2.1	75.99	BG06G04-../D04LA4	8.4	1070	-
0.04	16.5	20.5	2.1	82.89	BG06G04-../D04LA4	8.4	1070	-
0.04	15	22.5	2.0	93.00	BG06G04-../D04LA4	8.4	1070	-
0.04	13.5	25.5	1.75	101.5	BG06G04-../D04LA4	8.4	1070	-
0.04	11.5	29	1.55	122.0	BG06G04-../D04LA4	8.4	1070	-
0.04	9.1	36.5	1.25	149.0	BG06G04-../D04LA4	8.4	1070	-
0.04	7.3	46.5	0.97	185.4	BG06G04-../D04LA4	8.4	1070	-
0.04	27	14.1	3.2	50.38	BG06-../D04LA4	6.1	940	-
0.04	26	14.6	3.1	52.56	BG06-../D04LA4	6.1	950	-
0.04	24	15.9	2.8	57.34	BG06-../D04LA4	6.1	1000	-
0.04	22.5	16.9	2.7	61.22	BG06-../D04LA4	6.1	1020	-
0.04	20.5	18.6	2.4	66.79	BG06-../D04LA4	6.1	1070	-
0.04	10.5	36	3.3	131.8	BG10Z-../D04LA4	11	2000	2800
0.04	9.3	41	2.9	146.0	BG10Z-../D04LA4	11	2000	2800
0.04	8.2	46.5	2.6	166.0	BG10Z-../D04LA4	11	2000	2800
0.04	7.4	51	2.4	184.0	BG10Z-../D04LA4	11	2000	2800
0.04	7.0	54	2.2	194.6	BG10Z-../D04LA4	11	2000	2800
0.04	6.3	60	2.0	215.7	BG10Z-../D04LA4	11	2000	2800
0.04	5.7	67	1.8	240.4	BG10Z-../D04LA4	11	2000	2800
0.04	5.1	74	1.6	266.3	BG10Z-../D04LA4	11	2000	2800
0.04	4.9	77	1.55	276.0	BG10Z-../D04LA4	11	2000	2800
0.04	4.5	84	1.45	305.8	BG10Z-../D04LA4	11	2000	2800
0.04	4.1	90	1.35	332.0	BG10Z-../D04LA4	11	2000	2800
0.04	3.6	100	1.25	379.6	BG10G06-../D04LA4	14	2000	2800
0.04	3.1	110	1.15	435.9	BG10G06-../D04LA4	14	2000	2800
0.04	2.7	130	1.05	512.6	BG10G06-../D04LA4	14	2000	2800
0.04	2.3	150	0.95	613.6	BG10G06-../D04LA4	14	2000	2800
0.04	1.9	180	0.84	748.9	BG10G06-../D04LA4	14	2000	2800
0.04	6.1	62	3.2	222.1	BG20Z-../D04LA4	13	5000	-
0.04	3.9	69	3.2	352.1	BG20G06-../D04LA4	17	5000	2100
0.04	3.5	77	2.9	391.1	BG20G06-../D04LA4	17	5000	2100
0.04	3.0	93	2.4	460.0	BG20G06-../D04LA4	17	5000	2100
0.04	2.5	116	1.9	550.6	BG20G06-../D04LA4	17	5000	2100
0.04	2.1	141	1.55	671.9	BG20G06-../D04LA4	17	5000	2100

BG-series helical-geared motors

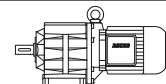
Selection helical-geared motors DPE - IE3

0.04 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.04	1.7	181	1.2	807.1	BG20G06-../D04LA4	17	5000	2100
0.04	1.4	225	0.98	969.9	BG20G06-../D04LA4	17	5000	2100
0.04	1.2	265	0.83	1142	BG20G06-../D04LA4	17	5000	2100
0.04	2.4	121	2.7	565.8	BG30G06-../D04LA4	21	6000	-
0.04	2.0	149	2.2	690.6	BG30G06-../D04LA4	21	6000	-
0.04	1.8	169	1.9	760.7	BG30G06-../D04LA4	21	6000	-
0.04	1.7	180	1.8	829.5	BG30G06-../D04LA4	21	6000	-
0.04	1.4	225	1.45	996.8	BG30G06-../D04LA4	21	6000	-
0.04	1.3	245	1.35	1088	BG30G06-../D04LA4	21	6000	-
0.04	1.1	290	1.1	1280	BG30G06-../D04LA4	21	6000	-
0.04	1.0	325	1.0	1404	BG30G06-../D04LA4	21	6000	-

0.06 kW

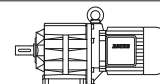


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.06	540	1.06	3.8	2.51	BG04-../D04LA4	4.4	340	-
0.06	370	1.54	3.2	3.65	BG04-../D04LA4	4.4	390	-
0.06	310	1.84	3.8	4.39	BG04-../D04LA4	4.4	380	-
0.06	255	2.2	4.1	5.36	BG04-../D04LA4	4.4	380	-
0.06	220	2.6	4.2	6.18	BG04-../D04LA4	4.4	415	-
0.06	205	2.75	3.6	6.67	BG04-../D04LA4	4.4	410	-
0.06	199	2.85	3.9	6.80	BG04-../D04LA4	4.4	420	-
0.06	158	3.6	3.1	8.58	BG04-../D04LA4	4.4	410	-
0.06	150	3.8	3.2	9.00	BG04-../D04LA4	4.4	470	-
0.06	137	4.15	3.1	9.90	BG04-../D04LA4	4.4	480	-
0.06	125	4.55	3.1	10.82	BG04-../D04LA4	4.4	480	-
0.06	114	5.0	3.0	11.90	BG04-../D04LA4	4.4	490	-
0.06	108	5.3	2.8	12.55	BG04-../D04LA4	4.4	490	-
0.06	103	5.5	2.9	13.20	BG04-../D04LA4	4.4	500	-
0.06	93	6.1	2.8	14.52	BG04-../D04LA4	4.4	510	-
0.06	85	6.9	2.6	16.44	BG04-../D04LA4	4.4	530	-
0.06	75	7.6	2.4	18.08	BG04-../D04LA4	4.4	540	-
0.06	64	8.9	2.1	21.12	BG04-../D04LA4	4.4	560	-
0.06	59	9.7	2.1	23.23	BG04-../D04LA4	4.4	600	-
0.06	56	10.2	1.95	24.45	BG04-../D04LA4	4.4	610	-
0.06	51	11.2	1.8	26.89	BG04-../D04LA4	4.4	650	-
0.06	44	13	1.55	30.91	BG04-../D04LA4	4.4	690	-
0.06	40	14.3	1.4	34.00	BG04-../D04LA4	4.4	720	-
0.06	38.5	14.8	1.35	35.35	BG04-../D04LA4	4.4	730	-
0.06	35	16.3	1.25	38.89	BG04-../D04LA4	4.4	750	-
0.06	32	17.9	1.1	42.24	BG04-../D04LA4	4.4	750	-
0.06	29.5	19.4	1.05	46.47	BG04-../D04LA4	4.4	750	-
0.06	28.5	20	1.0	47.52	BG04-../D04LA4	4.4	750	-
0.06	26	22	0.91	52.28	BG04-../D04LA4	4.4	750	-
0.06	25	22.5	0.89	54.97	BG04-../D04LA4	4.4	750	-
0.06	22.5	25	0.8	60.47	BG04-../D04LA4	4.4	750	-
0.06	72	7.9	3.3	18.82	BG05-../D04LA4	5.1	680	-
0.06	66	8.6	3.1	20.53	BG05-../D04LA4	5.1	700	-
0.06	57	10	2.8	24.00	BG05-../D04LA4	5.1	740	-
0.06	52	11	2.6	26.18	BG05-../D04LA4	5.1	760	-
0.06	49	11.6	2.6	27.82	BG05-../D04LA4	5.1	770	-
0.06	44.5	12.8	2.3	30.35	BG05-../D04LA4	5.1	760	-
0.06	39	14.6	2.1	35.00	BG05-../D04LA4	5.1	810	-
0.06	35.5	16.1	1.85	38.18	BG05-../D04LA4	5.1	850	-
0.06	34	16.8	1.8	39.94	BG05-../D04LA4	5.1	860	-
0.06	31	18.4	1.65	43.57	BG05-../D04LA4	5.1	900	-
0.06	29	19.7	1.5	47.00	BG05-../D04LA4	5.1	930	-
0.06	26.5	21.5	1.4	51.27	BG05-../D04LA4	5.1	970	-
0.06	25.5	22	1.35	53.44	BG05-../D04LA4	5.1	980	-
0.06	23.5	24	1.25	58.30	BG05-../D04LA4	5.1	1000	-
0.06	18	29.5	1.35	75.99	BG06G04-../D04LA4	8.4	1070	-
0.06	16.5	32	1.35	82.89	BG06G04-../D04LA4	8.4	1070	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.06 kW

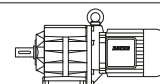


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.06	15	35.5	1.25	93.00	BG06G04-../D04LA4	8.4	1070	-
0.06	13.5	39.5	1.15	101.5	BG06G04-../D04LA4	8.4	1070	-
0.06	11.5	45.5	0.99	122.0	BG06G04-../D04LA4	8.4	1070	-
0.06	42	13.6	3.3	32.22	BG06-../D04LA4	6.1	890	-
0.06	38.5	14.8	3.0	35.15	BG06-../D04LA4	6.1	880	-
0.06	37	15.4	2.9	36.91	BG06-../D04LA4	6.1	890	-
0.06	34	16.8	2.7	40.26	BG06-../D04LA4	6.1	890	-
0.06	29.5	19.4	2.3	46.19	BG06-../D04LA4	6.1	890	-
0.06	27	21	2.1	50.38	BG06-../D04LA4	6.1	940	-
0.06	26	22	2.0	52.56	BG06-../D04LA4	6.1	950	-
0.06	24	23.5	1.9	57.34	BG06-../D04LA4	6.1	1000	-
0.06	22.5	25	1.8	61.22	BG06-../D04LA4	6.1	1020	-
0.06	20.5	27.5	1.65	66.79	BG06-../D04LA4	6.1	1070	-
0.06	15	38	3.2	92.19	BG10Z-../D06LA4	14	2000	2800
0.06	13.5	42	2.9	102.1	BG10Z-../D06LA4	14	2000	2800
0.06	12.5	45.5	2.6	109.8	BG10Z-../D06LA4	14	2000	2800
0.06	11.5	49.5	2.4	121.7	BG10Z-../D06LA4	14	2000	2800
0.06	10.5	54	2.2	131.8	BG10Z-../D06LA4	14	2000	2800
0.06	9.3	61	1.95	146.0	BG10Z-../D06LA4	14	2000	2800
0.06	8.2	69	1.75	166.0	BG10Z-../D06LA4	14	2000	2800
0.06	7.4	77	1.55	184.0	BG10Z-../D06LA4	14	2000	2800
0.06	7.0	81	1.5	194.6	BG10Z-../D06LA4	14	2000	2800
0.06	6.3	90	1.35	215.7	BG10Z-../D06LA4	14	2000	2800
0.06	5.7	100	1.2	240.4	BG10Z-../D06LA4	14	2000	2800
0.06	5.1	112	1.05	266.3	BG10Z-../D06LA4	14	2000	2800
0.06	4.9	116	1.05	276.0	BG10Z-../D06LA4	14	2000	2800
0.06	4.5	127	0.94	305.8	BG10Z-../D06LA4	14	2000	2800
0.06	4.1	107	1.2	332.0	BG10G06-../D06LA4	18	2000	2800
0.06	3.6	128	1.0	379.6	BG10G06-../D06LA4	18	2000	2800
0.06	3.1	149	0.87	435.9	BG10G06-../D06LA4	18	2000	2800
0.06	8.4	68	2.9	162.2	BG20Z-../D06LA4	16	5000	-
0.06	7.5	76	2.6	180.1	BG20Z-../D06LA4	16	5000	-
0.06	6.8	84	2.4	199.9	BG20Z-../D06LA4	16	5000	-
0.06	6.1	93	2.2	222.1	BG20Z-../D06LA4	16	5000	-
0.06	5.5	77	2.9	248.0	BG20G06-../D06LA4	20	5000	2100
0.06	4.6	95	2.3	297.9	BG20G06-../D06LA4	20	5000	2100
0.06	3.9	118	1.85	352.1	BG20G06-../D06LA4	20	5000	2100
0.06	3.5	132	1.65	391.1	BG20G06-../D06LA4	20	5000	2100
0.06	3.0	156	1.4	460.0	BG20G06-../D06LA4	20	5000	2100
0.06	2.5	192	1.15	550.6	BG20G06-../D06LA4	20	5000	2100
0.06	2.1	230	0.96	671.9	BG20G06-../D06LA4	20	5000	2100
0.06	6.0	95	3.2	225.9	BG30Z-../D06LA4	22	6000	-
0.06	5.2	110	2.7	261.9	BG30Z-../D06LA4	22	6000	-
0.06	4.7	121	2.5	290.5	BG30Z-../D06LA4	22	6000	-
0.06	3.9	118	2.8	346.8	BG30G06-../D06LA4	25	6000	-
0.06	3.4	136	2.4	401.9	BG30G06-../D06LA4	25	6000	-
0.06	2.9	162	2.0	472.8	BG30G06-../D06LA4	25	6000	-
0.06	2.4	200	1.65	565.8	BG30G06-../D06LA4	25	6000	-
0.06	2.0	240	1.35	690.6	BG30G06-../D06LA4	25	6000	-
0.06	1.8	275	1.2	760.7	BG30G06-../D06LA4	25	6000	-
0.06	1.7	290	1.1	829.5	BG30G06-../D06LA4	25	6000	-
0.06	1.4	360	0.9	996.8	BG30G06-../D06LA4	25	6000	-
0.06	1.3	390	0.83	1088	BG30G06-../D06LA4	25	6000	-
0.06	2.2	147	3.2	640.0	BG40G10-../D06LA4	43	7000	-
0.06	1.9	176	2.6	710.9	BG40G10-../D06LA4	43	7000	-
0.06	1.8	179	2.6	789.1	BG40G10-../D06LA4	43	7000	-
0.06	1.4	255	1.8	965.2	BG40G10-../D06LA4	43	7000	-
0.06	1.2	315	1.5	1225	BG40G10-../D06LA4	43	7000	-
0.06	0.95	440	1.05	1459	BG40G10-../D06LA4	43	7000	-
0.06	1.5	230	3.0	960.2	BG50G10-../D06LA4	51	10000	-
0.06	1.2	315	2.2	1219	BG50G10-../D06LA4	51	10000	-
0.06	0.95	445	1.55	1452	BG50G10-../D06LA4	51	10000	-
0.06	0.8	550	1.25	1729	BG50G10-../D06LA4	51	10000	-
0.06	0.7	660	1.05	2076	BG50G10-../D06LA4	51	10000	-

BG-series helical-geared motors

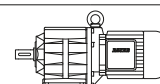
Selection helical-geared motors DPE - IE3

0.06 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.06	0.8	445	2.9	1741	BG60G20-../D06LA4	100	16000	-
0.06	0.75	490	2.7	1880	BG60G20-../D06LA4	100	16000	-
0.06	0.65	610	2.1	2249	BG60G20-../D06LA4	100	16000	-
0.06	0.48	920	1.4	2818	BG60G20-../D06LA4	100	16000	-
0.06	0.42	1090	1.2	3234	BG60G20-../D06LA4	100	16000	-
0.06	0.38	1230	1.05	3592	BG60G20-../D06LA4	100	16000	-
0.06	0.49	930	2.7	2774	BG70G20-../D06LA4	130	20000	-
0.06	0.43	1090	2.3	3184	BG70G20-../D06LA4	130	20000	-
0.06	0.35	1390	1.8	3925	BG70G20-../D06LA4	130	20000	-

0.09 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.09	540	1.59	2.5	2.51	BG04-../D04LA4	4.4	340	-
0.09	370	2.3	2.2	3.65	BG04-../D04LA4	4.4	390	-
0.09	310	2.75	2.5	4.39	BG04-../D04LA4	4.4	380	-
0.09	255	3.35	2.7	5.36	BG04-../D04LA4	4.4	380	-
0.09	220	3.9	2.8	6.18	BG04-../D04LA4	4.4	415	-
0.09	205	4.15	2.4	6.67	BG04-../D04LA4	4.4	410	-
0.09	199	4.3	2.6	6.80	BG04-../D04LA4	4.4	420	-
0.09	158	5.4	2.0	8.58	BG04-../D04LA4	4.4	410	-
0.09	150	5.7	2.1	9.00	BG04-../D04LA4	4.4	470	-
0.09	137	6.2	2.1	9.90	BG04-../D04LA4	4.4	480	-
0.09	125	6.8	2.1	10.82	BG04-../D04LA4	4.4	480	-
0.09	114	7.5	2.0	11.90	BG04-../D04LA4	4.4	490	-
0.09	108	7.9	1.9	12.55	BG04-../D04LA4	4.4	490	-
0.09	103	8.3	1.95	13.20	BG04-../D04LA4	4.4	500	-
0.09	93	9.2	1.85	14.52	BG04-../D04LA4	4.4	510	-
0.09	83	10.3	1.75	16.44	BG04-../D04LA4	4.4	530	-
0.09	75	11.4	1.6	18.08	BG04-../D04LA4	4.4	540	-
0.09	64	13.4	1.4	21.12	BG04-../D04LA4	4.4	560	-
0.09	59	14.5	1.4	23.23	BG04-../D04LA4	4.4	600	-
0.09	56	15.3	1.3	24.45	BG04-../D04LA4	4.4	610	-
0.09	51	16.8	1.2	26.89	BG04-../D04LA4	4.4	650	-
0.09	44	19.5	1.05	30.91	BG04-../D04LA4	4.4	690	-
0.09	40	21	0.95	34.00	BG04-../D04LA4	4.4	720	-
0.09	38.5	22	0.91	35.35	BG04-../D04LA4	4.4	730	-
0.09	35	24.5	0.82	38.89	BG04-../D04LA4	4.4	750	-
0.09	128	6.7	3.0	10.59	BG05-../D04LA4	5.1	590	-
0.09	117	7.3	2.9	11.55	BG05-../D04LA4	5.1	600	-
0.09	113	7.6	2.8	12.05	BG05-../D04LA4	5.1	510	-
0.09	108	7.9	2.8	12.60	BG05-../D04LA4	5.1	610	-
0.09	99	8.6	2.7	13.75	BG05-../D04LA4	5.1	630	-
0.09	89	9.6	2.5	15.23	BG05-../D04LA4	5.1	640	-
0.09	82	10.4	2.4	16.62	BG05-../D04LA4	5.1	660	-
0.09	72	11.9	2.2	18.82	BG05-../D04LA4	5.1	680	-
0.09	66	13	2.1	20.53	BG05-../D04LA4	5.1	700	-
0.09	57	15	1.85	24.00	BG05-../D04LA4	5.1	740	-
0.09	52	16.5	1.75	26.18	BG05-../D04LA4	5.1	760	-
0.09	49	17.5	1.7	27.82	BG05-../D04LA4	5.1	770	-
0.09	44.5	19.3	1.55	30.35	BG05-../D04LA4	5.1	760	-
0.09	39	22	1.35	35.00	BG05-../D04LA4	5.1	810	-
0.09	35.5	24	1.25	38.18	BG05-../D04LA4	5.1	850	-
0.09	34	25	1.2	39.94	BG05-../D04LA4	5.1	860	-
0.09	31	27.5	1.1	43.57	BG05-../D04LA4	5.1	900	-
0.09	29	29.5	1.0	47.00	BG05-../D04LA4	5.1	930	-
0.09	26.5	32	0.94	51.27	BG05-../D04LA4	5.1	970	-
0.09	25.5	33.5	0.9	53.44	BG05-../D04LA4	5.1	980	-
0.09	23.5	36.5	0.82	58.30	BG05-../D04LA4	5.1	1000	-
0.09	18	45.5	0.88	75.99	BG06G04-../D04LA4	8.4	1070	-
0.09	16.5	49.5	0.87	82.89	BG06G04-../D04LA4	8.4	1070	-
0.09	15	54	0.83	93.00	BG06G04-../D04LA4	8.4	1070	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.09 kW

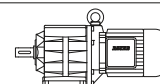


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.09	65	13.2	3.0	20.82	BG06-../D04LA4	6.1	800	-
0.09	60	14.3	3.0	22.71	BG06-../D04LA4	6.1	810	-
0.09	53	16.2	2.8	25.48	BG06-../D04LA4	6.1	850	-
0.09	49	17.5	2.6	27.80	BG06-../D04LA4	6.1	840	-
0.09	42	20	2.3	32.22	BG06-../D04LA4	6.1	890	-
0.09	38.5	22	2.0	35.15	BG06-../D04LA4	6.1	880	-
0.09	37	23	1.95	36.91	BG06-../D04LA4	6.1	890	-
0.09	34	25	1.8	40.26	BG06-../D04LA4	6.1	890	-
0.09	29.5	29	1.55	46.19	BG06-../D04LA4	6.1	890	-
0.09	27	31.5	1.45	50.38	BG06-../D04LA4	6.1	940	-
0.09	26	33	1.35	52.56	BG06-../D04LA4	6.1	950	-
0.09	24	35.5	1.25	57.34	BG06-../D04LA4	6.1	1000	-
0.09	22.5	38	1.2	61.22	BG06-../D04LA4	6.1	1020	-
0.09	20.5	41.5	1.1	66.79	BG06-../D04LA4	6.1	1070	-
0.09	23.5	36.5	3.3	57.48	BG10-../D06LA4	13	2000	2800
0.09	21.5	39.5	3.0	63.69	BG10-../D06LA4	13	2000	2800
0.09	20.5	41.5	2.9	66.00	BG10-../D06LA4	13	2000	2800
0.09	18.5	46	2.6	73.13	BG10-../D06LA4	13	2000	2800
0.09	17.5	49	2.4	77.40	BG10Z-../D06LA4	14	2000	2800
0.09	16	53	2.3	85.76	BG10Z-../D06LA4	14	2000	2800
0.09	15	57	2.1	92.19	BG10Z-../D06LA4	14	2000	2800
0.09	13.5	63	1.9	102.1	BG10Z-../D06LA4	14	2000	2800
0.09	12.5	68	1.75	109.8	BG10Z-../D06LA4	14	2000	2800
0.09	11.5	74	1.6	121.7	BG10Z-../D06LA4	14	2000	2800
0.09	10.5	81	1.5	131.8	BG10Z-../D06LA4	14	2000	2800
0.09	9.3	92	1.3	146.0	BG10Z-../D06LA4	14	2000	2800
0.09	8.2	104	1.15	166.0	BG10Z-../D06LA4	14	2000	2800
0.09	7.4	116	1.05	184.0	BG10Z-../D06LA4	14	2000	2800
0.09	7.0	122	0.98	194.6	BG10Z-../D06LA4	14	2000	2800
0.09	6.3	136	0.88	215.7	BG10Z-../D06LA4	14	2000	2800
0.09	5.7	150	0.8	240.4	BG10Z-../D06LA4	14	2000	2800
0.09	4.9	146	0.89	276.4	BG10G06-../D06LA4	18	2000	2800
0.09	13	66	3.0	104.7	BG20Z-../D06LA4	16	5000	-
0.09	12	71	2.8	112.8	BG20Z-../D06LA4	16	5000	-
0.09	11	78	2.6	125.3	BG20Z-../D06LA4	16	5000	-
0.09	9.6	89	2.2	141.3	BG20Z-../D06LA4	16	5000	-
0.09	8.4	102	1.95	162.2	BG20Z-../D06LA4	16	5000	-
0.09	7.5	114	1.75	180.1	BG20Z-../D06LA4	16	5000	-
0.09	6.8	126	1.6	199.9	BG20Z-../D06LA4	16	5000	-
0.09	6.1	140	1.45	222.1	BG20Z-../D06LA4	16	5000	-
0.09	5.5	130	1.7	248.0	BG20G06-../D06LA4	20	5000	2100
0.09	4.6	157	1.4	297.9	BG20G06-../D06LA4	20	5000	2100
0.09	3.9	192	1.15	352.1	BG20G06-../D06LA4	20	5000	2100
0.09	3.5	210	1.05	391.1	BG20G06-../D06LA4	20	5000	2100
0.09	3.0	250	0.88	460.0	BG20G06-../D06LA4	20	5000	2100
0.09	9.5	90	3.3	142.5	BG30Z-../D06LA4	22	6000	-
0.09	9.0	95	3.2	151.5	BG30Z-../D06LA4	22	6000	-
0.09	8.1	106	2.8	168.1	BG30Z-../D06LA4	22	6000	-
0.09	7.4	116	2.6	182.9	BG30Z-../D06LA4	22	6000	-
0.09	6.7	128	2.3	202.9	BG30Z-../D06LA4	22	6000	-
0.09	6.0	143	2.1	225.9	BG30Z-../D06LA4	22	6000	-
0.09	5.2	165	1.8	261.9	BG30Z-../D06LA4	22	6000	-
0.09	4.7	182	1.65	290.5	BG30Z-../D06LA4	22	6000	-
0.09	4.5	161	2.0	306.2	BG30G06-../D06LA4	25	6000	-
0.09	3.9	192	1.7	346.8	BG30G06-../D06LA4	25	6000	-
0.09	3.4	220	1.5	401.9	BG30G06-../D06LA4	25	6000	-
0.09	2.9	260	1.25	472.8	BG30G06-../D06LA4	25	6000	-
0.09	2.4	320	1.0	565.8	BG30G06-../D06LA4	25	6000	-
0.09	2.0	385	0.84	690.6	BG30G06-../D06LA4	25	6000	-
0.09	6.1	140	3.0	221.9	BG40Z-../D06LA4	38	7000	-
0.09	5.5	156	2.7	246.5	BG40Z-../D06LA4	38	7000	-
0.09	5.0	171	2.5	273.6	BG40Z-../D06LA4	38	7000	-
0.09	3.1	170	2.7	448.8	BG40G10-../D06LA4	43	7000	-
0.09	2.6	210	2.2	534.2	BG40G10-../D06LA4	43	7000	-
0.09	2.2	275	1.7	640.0	BG40G10-../D06LA4	43	7000	-
0.09	1.9	325	1.45	710.9	BG40G10-../D06LA4	43	7000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

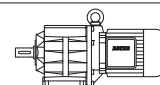
0.09 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.09	1.8	335	1.4	789.1	BG40G10-../D06LA4	43	7000	-
0.09	1.4	460	1.0	965.2	BG40G10-../D06LA4	43	7000	-
0.09	1.2	550	0.85	1225	BG40G10-../D06LA4	43	7000	-
0.09	2.6	210	3.3	531.5	BG50G10-../D06LA4	51	10000	-
0.09	2.2	280	2.5	621.3	BG50G10-../D06LA4	51	10000	-
0.09	2.0	300	2.3	708.3	BG50G10-../D06LA4	51	10000	-
0.09	1.8	335	2.1	785.1	BG50G10-../D06LA4	51	10000	-
0.09	1.5	420	1.65	960.2	BG50G10-../D06LA4	51	10000	-
0.09	1.2	550	1.25	1219	BG50G10-../D06LA4	51	10000	-
0.09	1.3	420	3.1	1051	BG60G20-../D06LA4	100	16000	-
0.09	1.2	465	2.8	1168	BG60G20-../D06LA4	100	16000	-
0.09	1.1	510	2.5	1346	BG60G20-../D06LA4	100	16000	-
0.09	0.95	630	2.1	1496	BG60G20-../D06LA4	100	16000	-
0.09	0.8	800	1.65	1741	BG60G20-../D06LA4	100	16000	-
0.09	0.75	870	1.5	1880	BG60G20-../D06LA4	100	16000	-
0.09	0.65	1050	1.25	2249	BG60G20-../D06LA4	100	16000	-
0.09	0.85	770	3.2	1666	BG70G20-../D06LA4	130	20000	-
0.09	0.7	980	2.6	1994	BG70G20-../D06LA4	130	20000	-
0.09	0.65	1080	2.3	2215	BG70G20-../D06LA4	130	20000	-
0.09	0.49	1510	1.65	2774	BG70G20-../D06LA4	130	20000	-
0.09	0.43	1750	1.45	3184	BG70G20-../D06LA4	130	20000	-
0.09	0.35	2200	1.15	3925	BG70G20-../D06LA4	130	20000	-

6

0.11 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.11	540	1.94	2.1	2.51	BG04-../D04LA4	4.4	340	-
0.11	370	2.8	1.8	3.65	BG04-../D04LA4	4.4	390	-
0.11	310	3.35	2.1	4.39	BG04-../D04LA4	4.4	380	-
0.11	255	4.1	2.2	5.36	BG04-../D04LA4	4.4	380	-
0.11	220	4.75	2.3	6.18	BG04-../D04LA4	4.4	415	-
0.11	205	5.1	1.95	6.67	BG04-../D04LA4	4.4	410	-
0.11	199	5.2	2.1	6.80	BG04-../D04LA4	4.4	420	-
0.11	158	6.6	1.65	8.58	BG04-../D04LA4	4.4	410	-
0.11	150	7.0	1.7	9.00	BG04-../D04LA4	4.4	470	-
0.11	137	7.6	1.7	9.90	BG04-../D04LA4	4.4	480	-
0.11	125	8.4	1.65	10.82	BG04-../D04LA4	4.4	480	-
0.11	114	9.2	1.65	11.90	BG04-../D04LA4	4.4	490	-
0.11	108	9.7	1.55	12.55	BG04-../D04LA4	4.4	490	-
0.11	103	10.1	1.6	13.20	BG04-../D04LA4	4.4	500	-
0.11	93	11.2	1.5	14.52	BG04-../D04LA4	4.4	510	-
0.11	83	12.6	1.45	16.44	BG04-../D04LA4	4.4	530	-
0.11	75	14	1.3	18.08	BG04-../D04LA4	4.4	540	-
0.11	64	16.4	1.15	21.12	BG04-../D04LA4	4.4	560	-
0.11	59	17.8	1.1	23.23	BG04-../D04LA4	4.4	600	-
0.11	56	18.7	1.05	24.45	BG04-../D04LA4	4.4	610	-
0.11	51	20.5	0.98	26.89	BG04-../D04LA4	4.4	650	-
0.11	44	23.5	0.85	30.91	BG04-../D04LA4	4.4	690	-
0.11	250	4.2	3.3	5.46	BG05-../D04LA4	5.1	490	-
0.11	205	5.1	3.3	6.64	BG05-../D04LA4	5.1	500	-
0.11	174	6.0	3.0	7.80	BG05-../D04LA4	5.1	530	-
0.11	166	6.3	2.9	8.15	BG05-../D04LA4	5.1	510	-
0.11	159	6.6	2.9	8.51	BG05-../D04LA4	5.1	550	-
0.11	128	8.2	2.4	10.59	BG05-../D04LA4	5.1	590	-
0.11	117	8.9	2.4	11.55	BG05-../D04LA4	5.1	600	-
0.11	113	9.2	2.3	12.05	BG05-../D04LA4	5.1	510	-
0.11	108	9.7	2.3	12.60	BG05-../D04LA4	5.1	610	-
0.11	99	10.6	2.2	13.75	BG05-../D04LA4	5.1	630	-
0.11	89	11.8	2.0	15.23	BG05-../D04LA4	5.1	640	-
0.11	82	12.8	1.95	16.62	BG05-../D04LA4	5.1	660	-
0.11	72	14.5	1.8	18.82	BG05-../D04LA4	5.1	680	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.11 kW

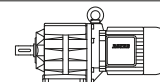


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.11	66	15.9	1.7	20.53	BG05-../D04LA4	5.1	700	-
0.11	57	18.4	1.5	24.00	BG05-../D04LA4	5.1	740	-
0.11	52	20	1.45	26.18	BG05-../D04LA4	5.1	760	-
0.11	49	21	1.45	27.82	BG05-../D04LA4	5.1	770	-
0.11	44.5	23.5	1.3	30.35	BG05-../D04LA4	5.1	760	-
0.11	39	26.5	1.15	35.00	BG05-../D04LA4	5.1	810	-
0.11	35.5	29.5	1.0	38.18	BG05-../D04LA4	5.1	850	-
0.11	34	30.5	0.98	39.94	BG05-../D04LA4	5.1	860	-
0.11	31	33.5	0.9	43.57	BG05-../D04LA4	5.1	900	-
0.11	29	36	0.83	47.00	BG05-../D04LA4	5.1	930	-
0.11	18	40*	1.0	75.99	BG06G04-../D04LA4	8.4	1070	-
0.11	16.5	43*	1.0	82.89	BG06G04-../D04LA4	8.4	1070	-
0.11	15	45*	1.0	93.00	BG06G04-../D04LA4	8.4	1070	-
0.11	13.5	45*	1.0	101.5	BG06G04-../D04LA4	8.4	1070	-
0.11	11.5	45*	1.0	122.0	BG06G04-../D04LA4	8.4	1070	-
0.11	9.1	45*	1.0	149.0	BG06G04-../D04LA4	8.4	1070	-
0.11	7.3	45*	1.0	185.4	BG06G04-../D04LA4	8.4	1070	-
0.11	5.4	45*	1.0	250.2	BG06G04-../D04LA4	8.4	1070	-
0.11	5.0	45*	1.0	275.2	BG06G04-../D04LA4	8.4	1070	-
0.11	4.1	45*	1.0	330.8	BG06G04-../D04LA4	8.4	1070	-
0.11	3.7	45*	1.0	367.0	BG06G04-../D04LA4	8.4	1070	-
0.11	3.0	45*	1.0	457.0	BG06G04-../D04LA4	8.4	1070	-
0.11	2.7	45*	1.0	502.6	BG06G04-../D04LA4	8.4	1070	-
0.11	2.3	45*	1.0	587.1	BG06G04-../D04LA4	8.4	1070	-
0.11	2.1	45*	1.0	645.8	BG06G04-../D04LA4	8.4	1070	-
0.11	1.9	45*	1.0	747.5	BG06G04-../D04LA4	8.4	1070	-
0.11	1.6	45*	1.0	859.3	BG06G04-../D04LA4	8.4	1070	-
0.11	1.5	45*	1.0	945.2	BG06G04-../D04LA4	8.4	1070	-
0.11	1.3	45*	1.0	1081	BG06G04-../D04LA4	8.4	1070	-
0.11	1.2	45*	1.0	1174	BG06G04-../D04LA4	8.4	1070	-
0.11	1.1	45*	1.0	1321	BG06G04-../D04LA4	8.4	1070	-
0.11	0.9	45*	1.0	1528	BG06G04-../D04LA4	8.4	1070	-
0.11	0.85	45*	1.0	1681	BG06G04-../D04LA4	8.4	1070	-
0.11	0.7	45*	1.0	1948	BG06G04-../D04LA4	8.4	1070	-
0.11	0.65	45*	1.0	2126	BG06G04-../D04LA4	8.4	1070	-
0.11	0.6	45*	1.0	2435	BG06G04-../D04LA4	8.4	1070	-
0.11	105	10	3.3	12.98	BG06-../D04LA4	6.1	600	-
0.11	92	11.4	3.0	14.78	BG06-../D04LA4	6.1	730	-
0.11	84	12.5	2.8	16.13	BG06-../D04LA4	6.1	740	-
0.11	78	13.4	2.8	17.40	BG06-../D04LA4	6.1	760	-
0.11	72	14.5	2.8	18.98	BG06-../D04LA4	6.1	770	-
0.11	65	16.1	2.5	20.82	BG06-../D04LA4	6.1	800	-
0.11	60	17.5	2.5	22.71	BG06-../D04LA4	6.1	810	-
0.11	53	19.8	2.3	25.48	BG06-../D04LA4	6.1	850	-
0.11	49	21	2.1	27.80	BG06-../D04LA4	6.1	840	-
0.11	42	25	1.8	32.22	BG06-../D04LA4	6.1	890	-
0.11	38.5	27	1.65	35.15	BG06-../D04LA4	6.1	880	-
0.11	37	28	1.6	36.91	BG06-../D04LA4	6.1	890	-
0.11	34	30.5	1.5	40.26	BG06-../D04LA4	6.1	890	-
0.11	29.5	35.5	1.25	46.19	BG06-../D04LA4	6.1	890	-
0.11	27	38.5	1.15	50.38	BG06-../D04LA4	6.1	940	-
0.11	26	40	1.15	52.56	BG06-../D04LA4	6.1	950	-
0.11	24	43.5	1.05	57.34	BG06-../D04LA4	6.1	1000	-
0.11	22.5	46.5	0.97	61.22	BG06-../D04LA4	6.1	1020	-
0.11	20.5	51	0.88	66.79	BG06-../D04LA4	6.1	1070	-
0.11	20	52	2.0	67.54	BG10Z-../D04LA4	11	2000	2800
0.11	17.5	60	2.0	77.40	BG10Z-../D04LA4	11	2000	2800
0.11	16	65	1.85	85.76	BG10Z-../D04LA4	11	2000	2800
0.11	15	70	1.7	92.19	BG10Z-../D04LA4	11	2000	2800
0.11	13.5	77	1.55	102.1	BG10Z-../D04LA4	11	2000	2800
0.11	12.5	84	1.45	109.8	BG10Z-../D04LA4	11	2000	2800
0.11	11.5	91	1.3	121.7	BG10Z-../D04LA4	11	2000	2800
0.11	10.5	100	1.2	131.8	BG10Z-../D04LA4	11	2000	2800
0.11	9.3	112	1.05	146.0	BG10Z-../D04LA4	11	2000	2800
0.11	8.2	128	0.94	166.0	BG10Z-../D04LA4	11	2000	2800
0.11	7.4	141	0.85	184.0	BG10Z-../D04LA4	11	2000	2800
0.11	7.0	150	0.8	194.6	BG10Z-../D04LA4	11	2000	2800

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.11 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.11	5.7	158	0.82	240.7	BG10G06-../D04LA4	14	2000	2800
0.11	4.9	130*	1.0	276.4	BG10G06-../D04LA4	14	2000	2800
0.11	4.1	130*	1.0	332.0	BG10G06-../D04LA4	14	2000	2800
0.11	3.6	130*	1.0	379.6	BG10G06-../D04LA4	14	2000	2800
0.11	3.1	130*	1.0	435.9	BG10G06-../D04LA4	14	2000	2800
0.11	2.7	130*	1.0	512.6	BG10G06-../D04LA4	14	2000	2800
0.11	2.3	130*	1.0	613.6	BG10G06-../D04LA4	14	2000	2800
0.11	1.9	130*	1.0	748.9	BG10G06-../D04LA4	14	2000	2800
0.11	1.6	130*	1.0	899.5	BG10G06-../D04LA4	14	2000	2800
0.11	1.3	130*	1.0	1081	BG10G06-../D04LA4	14	2000	2800
0.11	1.1	130*	1.0	1272	BG10G06-../D04LA4	14	2000	2800
0.11	0.9	130*	1.0	1523	BG10G06-../D04LA4	14	2000	2800
0.11	0.75	130*	1.0	1863	BG10G06-../D04LA4	14	2000	2800
0.11	0.6	130*	1.0	2356	BG10G06-../D04LA4	14	2000	2800
0.11	0.55	130*	1.0	2699	BG10G06-../D04LA4	14	2000	2800
0.11	0.46	130*	1.0	2944	BG10G06-../D04LA4	14	2000	2800
0.11	0.4	130*	1.0	3378	BG10G06-../D04LA4	14	2000	2800
0.11	0.37	130*	1.0	3684	BG10G06-../D04LA4	14	2000	2800
0.11	0.31	130*	1.0	4477	BG10G06-../D04LA4	14	2000	2800
0.11	0.28	130*	1.0	4884	BG10G06-../D04LA4	14	2000	2800
0.11	17.5	60	3.3	78.60	BG20Z-../D04LA4	13	5000	-
0.11	15.5	67	3.0	87.30	BG20Z-../D04LA4	13	5000	-
0.11	14.5	72	2.8	94.27	BG20Z-../D04LA4	13	5000	-
0.11	13	80	2.5	104.7	BG20Z-../D04LA4	13	5000	-
0.11	12	87	2.3	112.8	BG20Z-../D04LA4	13	5000	-
0.11	11	95	2.1	125.3	BG20Z-../D04LA4	13	5000	-
0.11	9.6	109	1.85	141.3	BG20Z-../D04LA4	13	5000	-
0.11	8.4	125	1.6	162.2	BG20Z-../D04LA4	13	5000	-
0.11	7.5	140	1.45	180.1	BG20Z-../D04LA4	13	5000	-
0.11	6.8	154	1.3	199.9	BG20Z-../D04LA4	13	5000	-
0.11	6.1	172	1.15	222.1	BG20Z-../D04LA4	13	5000	-
0.11	5.5	164	1.35	248.0	BG20G06-../D04LA4	17	5000	2100
0.11	4.6	199	1.1	297.9	BG20G06-../D04LA4	17	5000	2100
0.11	3.9	240	0.92	352.1	BG20G06-../D04LA4	17	5000	2100
0.11	3.5	265	0.83	391.1	BG20G06-../D04LA4	17	5000	2100
0.11	3.0	220*	1.0	460.0	BG20G06-../D04LA4	17	5000	2100
0.11	2.5	220*	1.0	550.6	BG20G06-../D04LA4	17	5000	2100
0.11	2.1	220*	1.0	671.9	BG20G06-../D04LA4	17	5000	2100
0.11	1.7	220*	1.0	807.1	BG20G06-../D04LA4	17	5000	2100
0.11	1.4	220*	1.0	969.9	BG20G06-../D04LA4	17	5000	2100
0.11	1.2	220*	1.0	1142	BG20G06-../D04LA4	17	5000	2100
0.11	1.0	220*	1.0	1366	BG20G06-../D04LA4	17	5000	2100
0.11	0.85	220*	1.0	1672	BG20G06-../D04LA4	17	5000	2100
0.11	0.75	220*	1.0	1824	BG20G06-../D04LA4	17	5000	2100
0.11	0.65	220*	1.0	2114	BG20G06-../D04LA4	17	5000	2100
0.11	0.6	220*	1.0	2422	BG20G06-../D04LA4	17	5000	2100
0.11	0.55	220*	1.0	2642	BG20G06-../D04LA4	17	5000	2100
0.11	0.45	220*	1.0	3031	BG20G06-../D04LA4	17	5000	2100
0.11	0.41	220*	1.0	3306	BG20G06-../D04LA4	17	5000	2100
0.11	0.34	220*	1.0	4017	BG20G06-../D04LA4	17	5000	2100
0.11	0.31	220*	1.0	4383	BG20G06-../D04LA4	17	5000	2100
0.11	5.3	171	1.9	254.9	BG30G06-../D04LA4	21	6000	-
0.11	4.5	200	1.65	306.2	BG30G06-../D04LA4	21	6000	-
0.11	3.9	240	1.35	346.8	BG30G06-../D04LA4	21	6000	-
0.11	3.4	275	1.2	401.9	BG30G06-../D04LA4	21	6000	-
0.11	2.9	325	1.0	472.8	BG30G06-../D04LA4	21	6000	-
0.11	2.4	395	0.82	565.8	BG30G06-../D04LA4	21	6000	-
0.11	2.0	325*	1.0	690.6	BG30G06-../D04LA4	21	6000	-
0.11	1.8	325*	1.0	760.7	BG30G06-../D04LA4	21	6000	-
0.11	1.7	325*	1.0	829.5	BG30G06-../D04LA4	21	6000	-
0.11	1.4	325*	1.0	996.8	BG30G06-../D04LA4	21	6000	-
0.11	1.3	325*	1.0	1088	BG30G06-../D04LA4	21	6000	-
0.11	1.1	325*	1.0	1280	BG30G06-../D04LA4	21	6000	-
0.11	1.0	325*	1.0	1404	BG30G06-../D04LA4	21	6000	-
0.11	0.8	325*	1.0	1718	BG30G06-../D04LA4	21	6000	-
0.11	0.75	325*	1.0	1875	BG30G06-../D04LA4	21	6000	-
0.11	0.65	325*	1.0	2173	BG30G06-../D04LA4	21	6000	-
0.11	0.5	325*	1.0	2715	BG30G06-../D04LA4	21	6000	-

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BG-series helical-geared motors

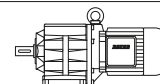
Selection helical-geared motors DPE - IE3

0.11 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
0.11	0.44	325*	1.0	3115	BG30G06-../D04LA4	21	6000	-
0.11	0.4	325*	1.0	3398	BG30G06-../D04LA4	21	6000	-
0.11	0.35	325*	1.0	3867	BG30G06-../D04LA4	21	6000	-
0.11	0.3	325*	1.0	4504	BG30G06-../D04LA4	21	6000	-

0.12 kW

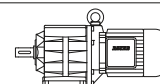


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [-]					
0.12	540	2.1	4.3	2.64	BG05-../DPE05LA4	7.0	420	-
0.12	420	2.7	3.7	3.38	BG05-../DPE05LA4	7.0	460	-
0.12	310	3.65	3.3	4.59	BG05-../DPE05LA4	7.0	490	-
0.12	260	4.4	3.2	5.46	BG05-../DPE05LA4	7.0	490	-
0.12	235	4.85	3.5	6.09	BG05-../DPE05LA4	7.0	480	-
0.12	215	5.3	3.2	6.64	BG05-../DPE05LA4	7.0	500	-
0.12	181	6.3	2.9	7.80	BG05-../DPE05LA4	7.0	530	-
0.12	173	6.6	2.7	8.15	BG05-../DPE05LA4	7.0	510	-
0.12	166	6.9	2.8	8.51	BG05-../DPE05LA4	7.0	550	-
0.12	136	8.4	2.3	10.40	BG05-../DPE05LA4	7.0	510	-
0.12	133	8.6	2.3	10.59	BG05-../DPE05LA4	7.0	590	-
0.12	122	9.3	2.3	11.55	BG05-../DPE05LA4	7.0	600	-
0.12	117	9.7	2.2	12.05	BG05-../DPE05LA4	7.0	510	-
0.12	112	10.2	2.2	12.60	BG05-../DPE05LA4	7.0	610	-
0.12	103	11.1	2.1	13.75	BG05-../DPE05LA4	7.0	630	-
0.12	93	12.3	1.95	15.23	BG05-../DPE05LA4	7.0	640	-
0.12	85	13.4	1.85	16.62	BG05-../DPE05LA4	7.0	660	-
0.12	75	15.2	1.7	18.82	BG05-../DPE05LA4	7.0	680	-
0.12	69	16.6	1.65	20.53	BG05-../DPE05LA4	7.0	700	-
0.12	59	19.4	1.45	24.00	BG05-../DPE05LA4	7.0	740	-
0.12	54	21	1.4	26.18	BG05-../DPE05LA4	7.0	760	-
0.12	51	22	1.35	27.82	BG05-../DPE05LA4	7.0	770	-
0.12	46.5	24.5	1.2	30.35	BG05-../DPE05LA4	7.0	760	-
0.12	40.5	28	1.05	35.00	BG05-../DPE05LA4	7.0	810	-
0.12	37	30.5	0.98	38.18	BG05-../DPE05LA4	7.0	850	-
0.12	35.5	32	0.94	39.94	BG05-../DPE05LA4	7.0	860	-
0.12	32.5	35	0.86	43.57	BG05-../DPE05LA4	7.0	900	-
0.12	115	9.9	3.3	12.30	BG06-../DPE05LA4	8.0	670	-
0.12	109	10.5	3.1	12.98	BG06-../DPE05LA4	8.0	600	-
0.12	96	11.9	2.9	14.78	BG06-../DPE05LA4	8.0	730	-
0.12	88	13	2.7	16.13	BG06-../DPE05LA4	8.0	740	-
0.12	81	14.1	2.7	17.40	BG06-../DPE05LA4	8.0	760	-
0.12	75	15.2	2.6	18.98	BG06-../DPE05LA4	8.0	770	-
0.12	68	16.8	2.4	20.82	BG06-../DPE05LA4	8.0	800	-
0.12	62	18.4	2.3	22.71	BG06-../DPE05LA4	8.0	810	-
0.12	56	20	2.3	25.48	BG06-../DPE05LA4	8.0	850	-
0.12	51	22	2.0	27.80	BG06-../DPE05LA4	8.0	840	-
0.12	44	26	1.75	32.22	BG06-../DPE05LA4	8.0	890	-
0.12	40	28.5	1.6	35.15	BG06-../DPE05LA4	8.0	880	-
0.12	38.5	29.5	1.55	36.91	BG06-../DPE05LA4	8.0	890	-
0.12	35	32.5	1.4	40.26	BG06-../DPE05LA4	8.0	890	-
0.12	30.5	37.5	1.2	46.19	BG06-../DPE05LA4	8.0	890	-
0.12	28	40.5	1.1	50.38	BG06-../DPE05LA4	8.0	940	-
0.12	27	42	1.05	52.56	BG06-../DPE05LA4	8.0	950	-
0.12	25	45.5	0.99	57.34	BG06-../DPE05LA4	8.0	1000	-
0.12	23	49.5	0.91	61.22	BG06-../DPE05LA4	8.0	1020	-
0.12	21.5	53	0.85	66.79	BG06-../DPE05LA4	8.0	1070	-
0.12	30.5	37.5	3.2	46.55	BG10-../DPE06LA4	13	1920	2650
0.12	27.5	41.5	2.9	51.57	BG10-../DPE06LA4	13	2000	2800
0.12	24.5	46.5	2.6	57.48	BG10-../DPE06LA4	13	2000	2800
0.12	21.5	53	2.3	66.00	BG10-../DPE06LA4	13	2000	2800
0.12	19.5	58	2.1	73.13	BG10-../DPE06LA4	13	2000	2800
0.12	18.5	61	1.95	77.40	BG10Z-../DPE06LA4	14	2000	2800
0.12	16.5	69	1.75	85.76	BG10Z-../DPE06LA4	14	2000	2800
0.12	15.5	73	1.65	92.19	BG10Z-../DPE06LA4	14	2000	2800

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.12 kW



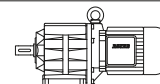
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.12	14	81	1.5	102.1	BG10Z-../DPE06LA4	14	2000	2800
0.12	13	88	1.35	109.8	BG10Z-../DPE06LA4	14	2000	2800
0.12	12	95	1.25	121.7	BG10Z-../DPE06LA4	14	2000	2800
0.12	11	104	1.15	131.8	BG10Z-../DPE06LA4	14	2000	2800
0.12	9.6	119	1.0	146.0	BG10Z-../DPE06LA4	14	2000	2800
0.12	8.5	134	0.9	166.0	BG10Z-../DPE06LA4	14	2000	2800
0.12	7.7	148	0.81	184.0	BG10Z-../DPE06LA4	14	2000	2800
0.12	7.2	138	0.94	194.9	BG10G06-../DPE06LA4	18	2000	2800
0.12	5.9	130*	1.0	240.7	BG10G06-../DPE06LA4	18	2000	2800
0.12	5.1	130*	1.0	276.4	BG10G06-../DPE06LA4	18	2000	2800
0.12	4.3	130*	1.0	332.0	BG10G06-../DPE06LA4	18	2000	2800
0.12	3.7	130*	1.0	379.6	BG10G06-../DPE06LA4	18	2000	2800
0.12	3.3	130*	1.0	435.9	BG10G06-../DPE06LA4	18	2000	2800
0.12	2.8	130*	1.0	512.6	BG10G06-../DPE06LA4	18	2000	2800
0.12	2.3	130*	1.0	613.6	BG10G06-../DPE06LA4	18	2000	2800
0.12	1.9	130*	1.0	748.9	BG10G06-../DPE06LA4	18	2000	2800
0.12	1.6	130*	1.0	899.5	BG10G06-../DPE06LA4	18	2000	2800
0.12	1.3	130*	1.0	1081	BG10G06-../DPE06LA4	18	2000	2800
0.12	1.2	130*	1.0	1272	BG10G06-../DPE06LA4	18	2000	2800
0.12	0.95	130*	1.0	1523	BG10G06-../DPE06LA4	18	2000	2800
0.12	0.8	130*	1.0	1863	BG10G06-../DPE06LA4	18	2000	2800
0.12	0.6	130*	1.0	2356	BG10G06-../DPE06LA4	18	2000	2800
0.12	0.55	130*	1.0	2699	BG10G06-../DPE06LA4	18	2000	2800
0.12	0.48	130*	1.0	2944	BG10G06-../DPE06LA4	18	2000	2800
0.12	0.42	130*	1.0	3378	BG10G06-../DPE06LA4	18	2000	2800
0.12	0.39	130*	1.0	3684	BG10G06-../DPE06LA4	18	2000	2800
0.12	0.32	130*	1.0	4477	BG10G06-../DPE06LA4	18	2000	2800
0.12	0.29	130*	1.0	4884	BG10G06-../DPE06LA4	18	2000	2800
0.12	19	60	3.3	75.00	BG20Z-../DPE06LA4	16	5000	-
0.12	18	63	3.2	78.60	BG20Z-../DPE06LA4	16	5000	-
0.12	16.5	69	2.9	87.30	BG20Z-../DPE06LA4	16	5000	-
0.12	15	76	2.6	94.27	BG20Z-../DPE06LA4	16	5000	-
0.12	13.5	84	2.4	104.7	BG20Z-../DPE06LA4	16	5000	-
0.12	12.5	91	2.2	112.8	BG20Z-../DPE06LA4	16	5000	-
0.12	11.5	99	2.0	125.3	BG20Z-../DPE06LA4	16	5000	-
0.12	10	114	1.75	141.3	BG20Z-../DPE06LA4	16	5000	-
0.12	8.7	131	1.55	162.2	BG20Z-../DPE06LA4	16	5000	-
0.12	7.8	146	1.35	180.1	BG20Z-../DPE06LA4	16	5000	-
0.12	7.1	161	1.25	199.9	BG20Z-../DPE06LA4	16	5000	-
0.12	6.4	179	1.1	222.1	BG20Z-../DPE06LA4	16	5000	-
0.12	5.7	174	1.25	248.0	BG20G06-../DPE06LA4	20	5000	2100
0.12	4.7	210	1.05	297.9	BG20G06-../DPE06LA4	20	5000	2100
0.12	4.0	255	0.86	352.1	BG20G06-../DPE06LA4	20	5000	2100
0.12	3.6	220*	1.0	391.1	BG20G06-../DPE06LA4	20	5000	2100
0.12	3.1	220*	1.0	460.0	BG20G06-../DPE06LA4	20	5000	2100
0.12	2.6	220*	1.0	550.6	BG20G06-../DPE06LA4	20	5000	2100
0.12	2.1	220*	1.0	671.9	BG20G06-../DPE06LA4	20	5000	2100
0.12	1.8	220*	1.0	807.1	BG20G06-../DPE06LA4	20	5000	2100
0.12	1.5	220*	1.0	969.9	BG20G06-../DPE06LA4	20	5000	2100
0.12	1.3	220*	1.0	1142	BG20G06-../DPE06LA4	20	5000	2100
0.12	1.1	220*	1.0	1366	BG20G06-../DPE06LA4	20	5000	2100
0.12	0.85	220*	1.0	1672	BG20G06-../DPE06LA4	20	5000	2100
0.12	0.8	220*	1.0	1824	BG20G06-../DPE06LA4	20	5000	2100
0.12	0.7	220*	1.0	2114	BG20G06-../DPE06LA4	20	5000	2100
0.12	0.6	220*	1.0	2422	BG20G06-../DPE06LA4	20	5000	2100
0.12	0.55	220*	1.0	2642	BG20G06-../DPE06LA4	20	5000	2100
0.12	0.47	220*	1.0	3031	BG20G06-../DPE06LA4	20	5000	2100
0.12	0.43	220*	1.0	3306	BG20G06-../DPE06LA4	20	5000	2100
0.12	0.35	220*	1.0	4017	BG20G06-../DPE06LA4	20	5000	2100
0.12	0.32	220*	1.0	4383	BG20G06-../DPE06LA4	20	5000	2100
0.12	12	95	3.2	121.6	BG30Z-../DPE06LA4	22	6000	-
0.12	11	104	2.9	128.5	BG30Z-../DPE06LA4	22	6000	-
0.12	9.9	115	2.6	142.5	BG30Z-../DPE06LA4	22	6000	-
0.12	9.3	123	2.4	151.5	BG30Z-../DPE06LA4	22	6000	-
0.12	8.4	136	2.2	168.1	BG30Z-../DPE06LA4	22	6000	-
0.12	7.7	148	2.0	182.9	BG30Z-../DPE06LA4	22	6000	-
0.12	6.9	166	1.8	202.9	BG30Z-../DPE06LA4	22	6000	-
0.12	6.2	184	1.65	225.9	BG30Z-../DPE06LA4	22	6000	-

6

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.12 kW

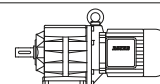


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.12	5.4	210	1.45	261.9	BG30Z-../DPE06LA4	22	6000	-
0.12	4.9	230	1.3	290.5	BG30Z-../DPE06LA4	22	6000	-
0.12	4.6	215	1.5	306.2	BG30G06-../DPE06LA4	25	6000	-
0.12	4.1	250	1.3	346.8	BG30G06-../DPE06LA4	25	6000	-
0.12	3.5	295	1.1	401.9	BG30G06-../DPE06LA4	25	6000	-
0.12	3.0	345	0.94	472.8	BG30G06-../DPE06LA4	25	6000	-
0.12	2.5	325*	1.0	565.8	BG30G06-../DPE06LA4	25	6000	-
0.12	2.1	325*	1.0	690.6	BG30G06-../DPE06LA4	25	6000	-
0.12	1.9	325*	1.0	760.7	BG30G06-../DPE06LA4	25	6000	-
0.12	1.7	325*	1.0	829.5	BG30G06-../DPE06LA4	25	6000	-
0.12	1.5	325*	1.0	996.8	BG30G06-../DPE06LA4	25	6000	-
0.12	1.3	325*	1.0	1088	BG30G06-../DPE06LA4	25	6000	-
0.12	1.1	325*	1.0	1280	BG30G06-../DPE06LA4	25	6000	-
0.12	1.0	325*	1.0	1404	BG30G06-../DPE06LA4	25	6000	-
0.12	0.85	325*	1.0	1718	BG30G06-../DPE06LA4	25	6000	-
0.12	0.75	325*	1.0	1875	BG30G06-../DPE06LA4	25	6000	-
0.12	0.65	325*	1.0	2173	BG30G06-../DPE06LA4	25	6000	-
0.12	0.55	325*	1.0	2715	BG30G06-../DPE06LA4	25	6000	-
0.12	0.45	325*	1.0	3115	BG30G06-../DPE06LA4	25	6000	-
0.12	0.42	325*	1.0	3398	BG30G06-../DPE06LA4	25	6000	-
0.12	0.37	325*	1.0	3867	BG30G06-../DPE06LA4	25	6000	-
0.12	0.32	325*	1.0	4504	BG30G06-../DPE06LA4	25	6000	-
0.12	9.0	127	3.3	156.9	BG40Z-../DPE06LA4	38	7000	-
0.12	8.5	134	3.2	166.1	BG40Z-../DPE06LA4	38	7000	-
0.12	7.6	150	2.8	184.4	BG40Z-../DPE06LA4	38	7000	-
0.12	7.1	161	2.6	199.9	BG40Z-../DPE06LA4	38	7000	-
0.12	6.4	179	2.4	221.9	BG40Z-../DPE06LA4	38	7000	-
0.12	5.7	200	2.1	246.5	BG40Z-../DPE06LA4	38	7000	-
0.12	5.2	220	1.95	273.6	BG40Z-../DPE06LA4	38	7000	-
0.12	4.9	143	3.3	288.6	BG40G10-../DPE06LA4	43	7000	-
0.12	4.0	187	2.5	353.5	BG40G10-../DPE06LA4	43	7000	-
0.12	3.2	250	1.85	448.8	BG40G10-../DPE06LA4	43	7000	-
0.12	2.7	305	1.5	534.2	BG40G10-../DPE06LA4	43	7000	-
0.12	2.2	405	1.15	640.0	BG40G10-../DPE06LA4	43	7000	-
0.12	2.0	445	1.05	710.9	BG40G10-../DPE06LA4	43	7000	-
0.12	1.8	495	0.94	789.1	BG40G10-../DPE06LA4	43	7000	-
0.12	1.5	465*	1.0	965.2	BG40G10-../DPE06LA4	43	7000	-
0.12	1.2	465*	1.0	1225	BG40G10-../DPE06LA4	43	7000	-
0.12	1.0	465*	1.0	1459	BG40G10-../DPE06LA4	43	7000	-
0.12	0.85	465*	1.0	1738	BG40G10-../DPE06LA4	43	7000	-
0.12	0.7	465*	1.0	2087	BG40G10-../DPE06LA4	43	7000	-
0.12	0.55	465*	1.0	2628	BG40G10-../DPE06LA4	43	7000	-
0.12	0.46	465*	1.0	3082	BG40G10-../DPE06LA4	43	7000	-
0.12	0.37	465*	1.0	3805	BG40G10-../DPE06LA4	43	7000	-
0.12	0.34	465*	1.0	4216	BG40G10-../DPE06LA4	43	7000	-
0.12	0.29	465*	1.0	4841	BG40G10-../DPE06LA4	43	7000	-
0.12	5.5	205	3.1	258.6	BG50Z-../DPE06LA4	47	10000	-
0.12	4.9	230	2.7	286.7	BG50Z-../DPE06LA4	47	10000	-
0.12	3.2	250	2.8	446.5	BG50G10-../DPE06LA4	51	10000	-
0.12	2.7	305	2.3	531.5	BG50G10-../DPE06LA4	51	10000	-
0.12	2.3	385	1.8	621.3	BG50G10-../DPE06LA4	51	10000	-
0.12	2.0	445	1.55	708.3	BG50G10-../DPE06LA4	51	10000	-
0.12	1.8	495	1.4	785.1	BG50G10-../DPE06LA4	51	10000	-
0.12	1.5	610	1.15	960.2	BG50G10-../DPE06LA4	51	10000	-
0.12	1.2	790	0.87	1219	BG50G10-../DPE06LA4	51	10000	-
0.12	1.0	690*	1.0	1452	BG50G10-../DPE06LA4	51	10000	-
0.12	0.85	690*	1.0	1729	BG50G10-../DPE06LA4	51	10000	-
0.12	0.7	690*	1.0	2076	BG50G10-../DPE06LA4	51	10000	-
0.12	0.55	690*	1.0	2615	BG50G10-../DPE06LA4	51	10000	-
0.12	0.46	690*	1.0	3066	BG50G10-../DPE06LA4	51	10000	-
0.12	0.37	690*	1.0	3786	BG50G10-../DPE06LA4	51	10000	-
0.12	0.34	690*	1.0	4195	BG50G10-../DPE06LA4	51	10000	-
0.12	0.3	690*	1.0	4816	BG50G10-../DPE06LA4	51	10000	-
0.12	1.8	430	3.0	804.5	BG60G20-../DPE06LA4	100	16000	-
0.12	1.6	490	2.7	891.5	BG60G20-../DPE06LA4	100	16000	-
0.12	1.4	570	2.3	1051	BG60G20-../DPE06LA4	100	16000	-
0.12	1.2	700	1.85	1168	BG60G20-../DPE06LA4	100	16000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

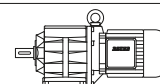
0.12 kW



P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
0.12	1.1	770	1.7	1346	BG60G20-../DPE06LA4	100	16000	-
0.12	0.95	930	1.4	1496	BG60G20-../DPE06LA4	100	16000	-
0.12	0.85	1070	1.2	1741	BG60G20-../DPE06LA4	100	16000	-
0.12	0.75	1250	1.05	1880	BG60G20-../DPE06LA4	100	16000	-
0.12	0.65	1300*	1.0	2249	BG60G20-../DPE06LA4	100	16000	-
0.12	0.5	1300*	1.0	2818	BG60G20-../DPE06LA4	100	16000	-
0.12	0.44	1300*	1.0	3234	BG60G20-../DPE06LA4	100	16000	-
0.12	0.39	1300*	1.0	3592	BG60G20-../DPE06LA4	100	16000	-
0.12	0.32	1300*	1.0	4429	BG60G20-../DPE06LA4	100	16000	-
0.12	1.1	800	3.1	1389	BG70G20-../DPE06LA4	130	20000	-
0.12	0.95	960	2.6	1543	BG70G20-../DPE06LA4	130	20000	-
0.12	0.85	1100	2.3	1666	BG70G20-../DPE06LA4	130	20000	-
0.12	0.75	1280	1.95	1994	BG70G20-../DPE06LA4	130	20000	-
0.12	0.65	1520	1.65	2215	BG70G20-../DPE06LA4	130	20000	-
0.12	0.55	1840	1.35	2774	BG70G20-../DPE06LA4	130	20000	-
0.12	0.44	2350	1.05	3184	BG70G20-../DPE06LA4	130	20000	-
0.12	0.36	2500*	1.0	3925	BG70G20-../DPE06LA4	130	20000	-

6

0.18 kW

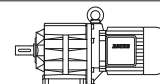


P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]		[kg]	[N]	[N]
0.18	540	3.15	2.9	2.64	BG05-../DPE07LA4	11	420	-
0.18	415	4.1	2.4	3.38	BG05-../DPE07LA4	11	460	-
0.18	310	5.5	2.2	4.59	BG05-../DPE07LA4	11	490	-
0.18	260	6.6	2.1	5.46	BG05-../DPE07LA4	11	490	-
0.18	230	7.4	2.3	6.09	BG05-../DPE07LA4	11	480	-
0.18	215	7.9	2.2	6.64	BG05-../DPE07LA4	11	500	-
0.18	180	9.5	1.9	7.80	BG05-../DPE07LA4	11	530	-
0.18	172	9.9	1.8	8.15	BG05-../DPE07LA4	11	510	-
0.18	165	10.4	1.85	8.51	BG05-../DPE07LA4	11	550	-
0.18	133	12.9	1.55	10.59	BG05-../DPE07LA4	11	590	-
0.18	122	14	1.5	11.55	BG05-../DPE07LA4	11	600	-
0.18	117	14.6	1.45	12.05	BG05-../DPE07LA4	11	510	-
0.18	112	15.3	1.45	12.60	BG05-../DPE07LA4	11	610	-
0.18	102	16.8	1.35	13.75	BG05-../DPE07LA4	11	630	-
0.18	92	18.6	1.3	15.23	BG05-../DPE07LA4	11	640	-
0.18	85	20	1.25	16.62	BG05-../DPE07LA4	11	660	-
0.18	75	22.5	1.15	18.82	BG05-../DPE07LA4	11	680	-
0.18	69	24.5	1.1	20.53	BG05-../DPE07LA4	11	700	-
0.18	59	29	0.97	24.00	BG05-../DPE07LA4	11	740	-
0.18	54	31.5	0.92	26.18	BG05-../DPE07LA4	11	760	-
0.18	51	33.5	0.9	27.82	BG05-../DPE07LA4	11	770	-
0.18	46.5	36.5	0.82	30.35	BG05-../DPE07LA4	11	760	-
0.18	235	7.3	3.3	5.96	BG06-../DPE07LA4	12	570	-
0.18	200	8.5	3.1	7.01	BG06-../DPE07LA4	12	580	-
0.18	167	10.2	2.7	8.39	BG06-../DPE07LA4	12	600	-
0.18	150	11.4	2.6	9.38	BG06-../DPE07LA4	12	640	-
0.18	137	12.5	2.5	10.24	BG06-../DPE07LA4	12	640	-
0.18	125	13.7	2.3	11.28	BG06-../DPE07LA4	12	670	-
0.18	114	15	2.2	12.30	BG06-../DPE07LA4	12	670	-
0.18	108	15.9	2.1	12.98	BG06-../DPE07LA4	12	600	-
0.18	95	18	1.9	14.78	BG06-../DPE07LA4	12	730	-
0.18	87	19.7	1.8	16.13	BG06-../DPE07LA4	12	740	-
0.18	81	21	1.8	17.40	BG06-../DPE07LA4	12	760	-
0.18	74	23	1.75	18.98	BG06-../DPE07LA4	12	770	-
0.18	68	25	1.6	20.82	BG06-../DPE07LA4	12	800	-
0.18	62	27.5	1.55	22.71	BG06-../DPE07LA4	12	810	-
0.18	55	31	1.45	25.48	BG06-../DPE07LA4	12	850	-
0.18	51	33.5	1.35	27.80	BG06-../DPE07LA4	12	840	-
0.18	43.5	39.5	1.15	32.22	BG06-../DPE07LA4	12	890	-
0.18	40	42.5	1.05	35.15	BG06-../DPE07LA4	12	880	-
0.18	38	45	1.0	36.91	BG06-../DPE07LA4	12	890	-
0.18	35	49	0.92	40.26	BG06-../DPE07LA4	12	890	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.18 kW

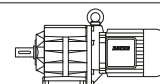


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.18	30.5	56	0.8	46.19	BG06-../DPE07LA4	12	890	-
0.18	44.5	38.5	3.1	31.52	BG10-../DPE07LA4	15	1600	2200
0.18	40.5	42	2.9	34.92	BG10-../DPE07LA4	15	1690	2350
0.18	35.5	48	2.5	39.70	BG10-../DPE07LA4	15	1780	2450
0.18	32	53	2.3	43.99	BG10-../DPE07LA4	15	1880	2600
0.18	30.5	56	2.1	46.55	BG10-../DPE07LA4	15	1920	2650
0.18	27.5	62	1.95	51.57	BG10-../DPE07LA4	15	2000	2800
0.18	24.5	70	1.7	57.48	BG10-../DPE07LA4	15	2000	2800
0.18	21.5	79	1.5	66.00	BG10-../DPE07LA4	15	2000	2800
0.18	19.5	88	1.35	73.13	BG10-../DPE07LA4	15	2000	2800
0.18	18.5	92	1.3	77.40	BG10Z-../DPE07LA4	16	2000	2800
0.18	16.5	104	1.15	85.76	BG10Z-../DPE07LA4	16	2000	2800
0.18	15.5	110	1.1	92.19	BG10Z-../DPE07LA4	16	2000	2800
0.18	14	122	0.98	102.1	BG10Z-../DPE07LA4	16	2000	2800
0.18	13	132	0.91	109.8	BG10Z-../DPE07LA4	16	2000	2800
0.18	12	143	0.84	121.7	BG10Z-../DPE07LA4	16	2000	2800
0.18	37	46	3.3	37.90	BG15-../DPE07LA4	15	3000	6000
0.18	26.5	64	3.1	53.22	BG20-../DPE07LA4	18	4950	-
0.18	24	71	2.8	59.07	BG20-../DPE07LA4	18	5000	-
0.18	21.5	79	2.5	65.62	BG20-../DPE07LA4	18	5000	-
0.18	21	81	2.5	67.53	BG20Z-../DPE07LA4	19	5000	-
0.18	19	90	2.2	75.00	BG20Z-../DPE07LA4	19	5000	-
0.18	18	95	2.1	78.60	BG20Z-../DPE07LA4	19	5000	-
0.18	16.5	104	1.9	87.30	BG20Z-../DPE07LA4	19	5000	-
0.18	15	114	1.75	94.27	BG20Z-../DPE07LA4	19	5000	-
0.18	13.5	127	1.55	104.7	BG20Z-../DPE07LA4	19	5000	-
0.18	12.5	137	1.45	112.8	BG20Z-../DPE07LA4	19	5000	-
0.18	11.5	149	1.35	125.3	BG20Z-../DPE07LA4	19	5000	-
0.18	10	171	1.15	141.3	BG20Z-../DPE07LA4	19	5000	-
0.18	8.7	197	1.0	162.2	BG20Z-../DPE07LA4	19	5000	-
0.18	7.8	220	0.91	180.1	BG20Z-../DPE07LA4	19	5000	-
0.18	7.1	240	0.83	199.9	BG20Z-../DPE07LA4	19	5000	-
0.18	5.7	275	0.8	248.0	BG20G06-../DPE07LA4	23	5000	2100
0.18	17.5	98	3.1	81.55	BG30Z-../DPE07LA4	25	6000	-
0.18	16.5	104	2.9	86.13	BG30Z-../DPE07LA4	25	6000	-
0.18	15	114	2.6	95.55	BG30Z-../DPE07LA4	25	6000	-
0.18	13	132	2.3	109.6	BG30Z-../DPE07LA4	25	6000	-
0.18	12	143	2.1	121.6	BG30Z-../DPE07LA4	25	6000	-
0.18	11	156	1.9	128.5	BG30Z-../DPE07LA4	25	6000	-
0.18	9.9	173	1.75	142.5	BG30Z-../DPE07LA4	25	6000	-
0.18	9.3	184	1.65	151.5	BG30Z-../DPE07LA4	25	6000	-
0.18	8.4	200	1.5	168.1	BG30Z-../DPE07LA4	25	6000	-
0.18	7.7	220	1.35	182.9	BG30Z-../DPE07LA4	25	6000	-
0.18	6.9	245	1.2	202.9	BG30Z-../DPE07LA4	25	6000	-
0.18	6.2	275	1.1	225.9	BG30Z-../DPE07LA4	25	6000	-
0.18	5.4	315	0.95	261.9	BG30Z-../DPE07LA4	25	6000	-
0.18	4.9	350	0.86	290.5	BG30Z-../DPE07LA4	25	6000	-
0.18	4.6	340	0.96	306.2	BG30G06-../DPE07LA4	27	6000	-
0.18	4.1	390	0.83	346.8	BG30G06-../DPE07LA4	27	6000	-
0.18	13.5	127	3.3	107.5	BG40Z-../DPE07LA4	40	7000	-
0.18	12	143	3.0	121.3	BG40Z-../DPE07LA4	40	7000	-
0.18	10.5	163	2.6	134.6	BG40Z-../DPE07LA4	40	7000	-
0.18	10	171	2.5	141.4	BG40Z-../DPE07LA4	40	7000	-
0.18	9.0	191	2.2	156.9	BG40Z-../DPE07LA4	40	7000	-
0.18	8.5	200	2.1	166.1	BG40Z-../DPE07LA4	40	7000	-
0.18	7.6	225	1.9	184.4	BG40Z-../DPE07LA4	40	7000	-
0.18	7.1	240	1.75	199.9	BG40Z-../DPE07LA4	40	7000	-
0.18	6.4	265	1.6	221.9	BG40Z-../DPE07LA4	40	7000	-
0.18	5.7	300	1.4	246.5	BG40Z-../DPE07LA4	40	7000	-
0.18	5.2	330	1.3	273.6	BG40Z-../DPE07LA4	40	7000	-
0.18	4.9	260	1.8	288.6	BG40G10-../DPE07LA4	46	7000	-
0.18	4.0	330	1.4	353.5	BG40G10-../DPE07LA4	46	7000	-
0.18	3.2	425	1.1	448.8	BG40G10-../DPE07LA4	46	7000	-
0.18	2.7	520	0.89	534.2	BG40G10-../DPE07LA4	46	7000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

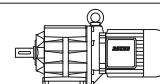
0.18 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.18	8.5	200	3.2	164.9	BG50Z-../DPE07LA4	50	10000	-
0.18	7.7	220	2.9	182.8	BG50Z-../DPE07LA4	50	10000	-
0.18	6.9	245	2.6	204.7	BG50Z-../DPE07LA4	50	10000	-
0.18	6.2	275	2.3	226.9	BG50Z-../DPE07LA4	50	10000	-
0.18	5.5	310	2.0	258.6	BG50Z-../DPE07LA4	50	10000	-
0.18	4.9	350	1.8	286.7	BG50Z-../DPE07LA4	50	10000	-
0.18	4.0	330	2.1	351.7	BG50G10-../DPE07LA4	54	10000	-
0.18	3.2	430	1.6	446.5	BG50G10-../DPE07LA4	54	10000	-
0.18	2.7	520	1.35	531.5	BG50G10-../DPE07LA4	54	10000	-
0.18	2.3	630	1.1	621.3	BG50G10-../DPE07LA4	54	10000	-
0.18	2.0	730	0.95	708.3	BG50G10-../DPE07LA4	54	10000	-
0.18	1.8	810	0.85	785.1	BG50G10-../DPE07LA4	54	10000	-
0.18	2.8	465	2.8	504.9	BG60G20-../DPE07LA4	102	16000	-
0.18	2.6	495	2.6	559.5	BG60G20-../DPE07LA4	102	16000	-
0.18	2.2	610	2.1	651.3	BG60G20-../DPE07LA4	102	16000	-
0.18	1.8	750	1.75	804.5	BG60G20-../DPE07LA4	102	16000	-
0.18	1.6	840	1.55	891.5	BG60G20-../DPE07LA4	102	16000	-
0.18	1.4	980	1.35	1051	BG60G20-../DPE07LA4	102	16000	-
0.18	1.2	1180	1.1	1168	BG60G20-../DPE07LA4	102	16000	-
0.18	1.1	1290	1.0	1346	BG60G20-../DPE07LA4	102	16000	-
0.18	1.8	750	3.3	790.2	BG70G20-../DPE07LA4	132	20000	-
0.18	1.6	860	2.9	877.6	BG70G20-../DPE07LA4	132	20000	-
0.18	1.4	1000	2.5	1035	BG70G20-../DPE07LA4	132	20000	-
0.18	1.2	1190	2.1	1193	BG70G20-../DPE07LA4	132	20000	-
0.18	1.1	1320	1.9	1389	BG70G20-../DPE07LA4	132	20000	-
0.18	0.95	1570	1.6	1543	BG70G20-../DPE07LA4	132	20000	-
0.18	0.85	1780	1.4	1666	BG70G20-../DPE07LA4	132	20000	-
0.18	0.75	2050	1.2	1994	BG70G20-../DPE07LA4	132	20000	-
0.18	0.65	2400	1.05	2215	BG70G20-../DPE07LA4	132	20000	-

6

0.25 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.25	520	4.55	4.0	2.82	BG06-../DPE08MA4	16	470	-
0.25	385	6.2	3.2	3.78	BG06-../DPE08MA4	16	520	-
0.25	320	7.4	3.0	4.54	BG06-../DPE08MA4	16	530	-
0.25	245	9.7	2.5	5.96	BG06-../DPE08MA4	16	570	-
0.25	210	11.3	2.3	7.01	BG06-../DPE08MA4	16	580	-
0.25	189	12.6	2.2	7.65	BG06-../DPE08MA4	16	580	-
0.25	172	13.8	2.0	8.39	BG06-../DPE08MA4	16	600	-
0.25	154	15.5	1.95	9.38	BG06-../DPE08MA4	16	640	-
0.25	141	16.9	1.85	10.24	BG06-../DPE08MA4	16	640	-
0.25	128	18.6	1.7	11.28	BG06-../DPE08MA4	16	670	-
0.25	118	20	1.65	12.30	BG06-../DPE08MA4	16	670	-
0.25	111	21.5	1.55	12.98	BG06-../DPE08MA4	16	600	-
0.25	98	24	1.4	14.78	BG06-../DPE08MA4	16	730	-
0.25	90	26.5	1.3	16.13	BG06-../DPE08MA4	16	740	-
0.25	83	28.5	1.35	17.40	BG06-../DPE08MA4	16	760	-
0.25	76	31	1.3	18.98	BG06-../DPE08MA4	16	770	-
0.25	70	34	1.2	20.82	BG06-../DPE08MA4	16	800	-
0.25	64	37	1.15	22.71	BG06-../DPE08MA4	16	810	-
0.25	57	41.5	1.1	25.48	BG06-../DPE08MA4	16	850	-
0.25	52	45.5	0.99	27.80	BG06-../DPE08MA4	16	840	-
0.25	45	53	0.85	32.22	BG06-../DPE08MA4	16	890	-
0.25	66	36	3.3	22.04	BG10-../DPE08MA4	16	1330	1860
0.25	59	40	3.0	24.42	BG10-../DPE08MA4	16	1410	1970
0.25	55	43	2.8	26.26	BG10-../DPE08MA4	16	1460	2000
0.25	50	47.5	2.5	29.09	BG10-../DPE08MA4	16	1540	2150
0.25	46	51	2.4	31.52	BG10-../DPE08MA4	16	1600	2200
0.25	41.5	57	2.1	34.92	BG10-../DPE08MA4	16	1690	2350
0.25	36.5	65	1.85	39.70	BG10-../DPE08MA4	16	1780	2450
0.25	33	72	1.65	43.99	BG10-../DPE08MA4	16	1880	2600

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

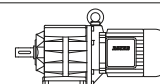
0.25 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.25	31	77	1.55	46.55	BG10-../DPE08MA4	16	1920	2650
0.25	28	85	1.4	51.57	BG10-../DPE08MA4	16	2000	2800
0.25	25.5	93	1.3	57.48	BG10-../DPE08MA4	16	2000	2800
0.25	23	103	1.15	63.69	BG10-../DPE08MA4	16	2000	2800
0.25	21.5	111	0.93	67.54	BG10Z-../DPE08MA4	18	2000	2800
0.25	19	125	0.96	77.40	BG10Z-../DPE08MA4	18	2000	2800
0.25	17	140	0.86	85.76	BG10Z-../DPE08MA4	18	2000	2800
0.25	16	149	0.81	92.19	BG10Z-../DPE08MA4	18	2000	2800
0.25	48	49.5	3.0	30.08	BG15-../DPE08MA4	16	3000	6000
0.25	42.5	56	2.7	34.20	BG15-../DPE08MA4	16	3000	6000
0.25	38	62	2.4	37.90	BG15-../DPE08MA4	16	3000	6000
0.25	39	61	3.3	37.02	BG20-../DPE08MA4	19	4300	-
0.25	34.5	69	2.9	41.76	BG20-../DPE08MA4	19	4500	-
0.25	31.5	75	2.7	46.38	BG20-../DPE08MA4	19	4700	-
0.25	30.5	78	2.6	47.92	BG20-../DPE08MA4	19	4750	-
0.25	27.5	86	2.3	53.22	BG20-../DPE08MA4	19	4950	-
0.25	24.5	97	2.1	59.07	BG20-../DPE08MA4	19	5000	-
0.25	22	108	1.85	65.62	BG20-../DPE08MA4	19	5000	-
0.25	21.5	111	1.8	67.53	BG20Z-../DPE08MA4	20	5000	-
0.25	19.5	122	1.65	75.00	BG20Z-../DPE08MA4	20	5000	-
0.25	18.5	129	1.55	78.60	BG20Z-../DPE08MA4	20	5000	-
0.25	16.5	144	1.4	87.30	BG20Z-../DPE08MA4	20	5000	-
0.25	15.5	154	1.3	94.27	BG20Z-../DPE08MA4	20	5000	-
0.25	14	170	1.2	104.7	BG20Z-../DPE08MA4	20	5000	-
0.25	13	183	1.1	112.8	BG20Z-../DPE08MA4	20	5000	-
0.25	11.5	205	0.98	125.3	BG20Z-../DPE08MA4	20	5000	-
0.25	10.5	225	0.89	141.3	BG20Z-../DPE08MA4	20	5000	-
0.25	25	95	3.2	58.18	BG30-../DPE08MA4	23	6000	-
0.25	24	99	3.0	60.79	BG30-../DPE08MA4	23	6000	-
0.25	21.5	111	2.7	67.44	BG30-../DPE08MA4	23	6000	-
0.25	20	119	2.5	73.51	BG30Z-../DPE08MA4	26	6000	-
0.25	18	132	2.3	81.55	BG30Z-../DPE08MA4	26	6000	-
0.25	17	140	2.1	86.13	BG30Z-../DPE08MA4	26	6000	-
0.25	15.5	154	1.95	95.55	BG30Z-../DPE08MA4	26	6000	-
0.25	13.5	176	1.7	109.6	BG30Z-../DPE08MA4	26	6000	-
0.25	12	198	1.5	121.6	BG30Z-../DPE08MA4	26	6000	-
0.25	11.5	205	1.45	128.5	BG30Z-../DPE08MA4	26	6000	-
0.25	10.5	225	1.35	142.5	BG30Z-../DPE08MA4	26	6000	-
0.25	9.6	245	1.2	151.5	BG30Z-../DPE08MA4	26	6000	-
0.25	8.6	275	1.1	168.1	BG30Z-../DPE08MA4	26	6000	-
0.25	7.9	300	1.0	182.9	BG30Z-../DPE08MA4	26	6000	-
0.25	7.1	335	0.9	202.9	BG30Z-../DPE08MA4	26	6000	-
0.25	6.4	370	0.81	225.9	BG30Z-../DPE08MA4	26	6000	-
0.25	5.7	390	0.83	254.9	BG30G06-../DPE08MA4	32	6000	-
0.25	18	132	3.2	82.00	BG40Z-../DPE08MA4	42	7000	-
0.25	16	149	2.9	91.02	BG40Z-../DPE08MA4	42	7000	-
0.25	15	159	2.7	96.86	BG40Z-../DPE08MA4	42	7000	-
0.25	13.5	176	2.4	107.5	BG40Z-../DPE08MA4	42	7000	-
0.25	12	198	2.1	121.3	BG40Z-../DPE08MA4	42	7000	-
0.25	11	215	2.0	134.6	BG40Z-../DPE08MA4	42	7000	-
0.25	10.5	225	1.9	141.4	BG40Z-../DPE08MA4	42	7000	-
0.25	9.2	255	1.65	156.9	BG40Z-../DPE08MA4	42	7000	-
0.25	8.7	270	1.55	166.1	BG40Z-../DPE08MA4	42	7000	-
0.25	7.9	300	1.4	184.4	BG40Z-../DPE08MA4	42	7000	-
0.25	7.3	325	1.3	199.9	BG40Z-../DPE08MA4	42	7000	-
0.25	6.5	365	1.15	221.9	BG40Z-../DPE08MA4	42	7000	-
0.25	5.9	400	1.05	246.5	BG40Z-../DPE08MA4	42	7000	-
0.25	5.3	450	0.94	273.6	BG40Z-../DPE08MA4	42	7000	-
0.25	5.0	385	1.2	288.6	BG40G10-../DPE08MA4	47	7000	-
0.25	4.1	480	0.97	353.5	BG40G10-../DPE08MA4	47	7000	-
0.25	11.5	205	3.1	128.9	BG50Z-../DPE08MA4	51	10000	-
0.25	10.5	225	2.8	142.9	BG50Z-../DPE08MA4	51	10000	-
0.25	8.8	270	2.3	164.9	BG50Z-../DPE08MA4	51	10000	-
0.25	7.9	300	2.1	182.8	BG50Z-../DPE08MA4	51	10000	-
0.25	7.1	335	1.9	204.7	BG50Z-../DPE08MA4	51	10000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

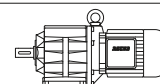


0.25 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.25	6.4	370	1.7	226.9	BG50Z-../DPE08MA4	51	10000	-
0.25	5.6	425	1.5	258.6	BG50Z-../DPE08MA4	51	10000	-
0.25	5.1	465	1.35	286.7	BG50Z-../DPE08MA4	51	10000	-
0.25	4.1	480	1.45	351.7	BG50G10-../DPE08MA4	55	10000	-
0.25	3.3	610	1.15	446.5	BG50G10-../DPE08MA4	55	10000	-
0.25	2.8	730	0.95	531.5	BG50G10-../DPE08MA4	55	10000	-
0.25	6.4	370	3.2	226.7	BG60Z-../DPE08MA4	96	16000	-
0.25	5.9	400	3.0	247.7	BG60Z-../DPE08MA4	96	16000	-
0.25	5.3	450	2.7	274.5	BG60Z-../DPE08MA4	96	16000	-
0.25	4.4	400	3.3	334.3	BG60G20-../DPE08MA4	103	16000	-
0.25	3.9	455	2.9	370.5	BG60G20-../DPE08MA4	103	16000	-
0.25	3.3	550	2.4	437.3	BG60G20-../DPE08MA4	103	16000	-
0.25	2.9	670	1.95	504.9	BG60G20-../DPE08MA4	103	16000	-
0.25	2.6	750	1.75	559.5	BG60G20-../DPE08MA4	103	16000	-
0.25	2.3	870	1.5	651.3	BG60G20-../DPE08MA4	103	16000	-
0.25	1.8	1120	1.15	804.5	BG60G20-../DPE08MA4	103	16000	-
0.25	1.7	1170	1.1	891.5	BG60G20-../DPE08MA4	103	16000	-
0.25	1.4	1460	0.89	1051	BG60G20-../DPE08MA4	103	16000	-
0.25	1.3	1580	0.82	1168	BG60G20-../DPE08MA4	103	16000	-
0.25	2.5	800	3.1	577.3	BG70G20-../DPE08MA4	133	20000	-
0.25	2.2	910	2.7	665.8	BG70G20-../DPE08MA4	133	20000	-
0.25	1.9	1050	2.4	790.2	BG70G20-../DPE08MA4	133	20000	-
0.25	1.7	1190	2.1	877.6	BG70G20-../DPE08MA4	133	20000	-
0.25	1.4	1480	1.7	1035	BG70G20-../DPE08MA4	133	20000	-
0.25	1.3	1600	1.55	1193	BG70G20-../DPE08MA4	133	20000	-
0.25	1.1	1930	1.3	1389	BG70G20-../DPE08MA4	133	20000	-
0.25	0.95	2250	1.1	1543	BG70G20-../DPE08MA4	133	20000	-
0.25	0.9	2400	1.05	1666	BG70G20-../DPE08MA4	133	20000	-
0.25	1.2	1440	3.2	1261	BG80G40-../DPE08MA4	215	26000	-
0.25	1.1	1630	2.8	1400	BG80G40-../DPE08MA4	215	26000	-
0.25	0.9	2100	2.2	1653	BG80G40-../DPE08MA4	215	26000	-
0.25	0.7	2850	1.6	2070	BG80G40-../DPE08MA4	215	26000	-
0.25	0.6	3400	1.35	2413	BG80G40-../DPE08MA4	215	26000	-
0.25	0.55	3800	1.2	2836	BG80G40-../DPE08MA4	215	26000	-
0.25	0.6	3300	2.8	2514	BG90G50-../DPE08MA4	324	65000	-
0.25	0.55	3650	2.5	2786	BG90G50-../DPE08MA4	324	65000	-
0.25	0.46	4500	2.0	3177	BG90G50-../DPE08MA4	324	65000	-
0.25	0.41	5100	1.8	3521	BG90G50-../DPE08MA4	324	65000	-
0.25	0.25	7000	2.6	5888	BG100G50-../DPE08MA4	512	90000	-
0.25	0.23	7800	2.4	6529	BG100G50-../DPE08MA4	512	90000	-
0.25	0.2	9400	1.95	7533	BG100G50-../DPE08MA4	512	90000	-
0.25	0.18	10700	1.75	8350	BG100G50-../DPE08MA4	512	90000	-
0.25	0.16	12400	1.5	9348	BG100G50-../DPE08MA4	512	90000	-

6

0.37 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.37	520	6.7	2.7	2.82	BG06-../DPE08LA4	18	470	-
0.37	385	9.1	2.2	3.78	BG06-../DPE08LA4	18	520	-
0.37	320	11	2.0	4.54	BG06-../DPE08LA4	18	530	-
0.37	245	14.4	1.65	5.96	BG06-../DPE08LA4	18	570	-
0.37	210	16.8	1.55	7.01	BG06-../DPE08LA4	18	580	-
0.37	189	18.6	1.5	7.65	BG06-../DPE08LA4	18	580	-
0.37	173	20	1.4	8.39	BG06-../DPE08LA4	18	600	-
0.37	155	22.5	1.35	9.38	BG06-../DPE08LA4	18	640	-
0.37	142	24.5	1.25	10.24	BG06-../DPE08LA4	18	640	-
0.37	129	27	1.2	11.28	BG06-../DPE08LA4	18	670	-
0.37	118	29.5	1.1	12.30	BG06-../DPE08LA4	18	670	-
0.37	112	31.5	1.05	12.98	BG06-../DPE08LA4	18	600	-
0.37	98	36	0.94	14.78	BG06-../DPE08LA4	18	730	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

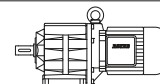
0.37 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
0.37	90	39	0.9	16.13	BG06-../DPE08LA4	18	740	-
0.37	84	42	0.9	17.40	BG06-../DPE08LA4	18	760	-
0.37	77	45.5	0.88	18.98	BG06-../DPE08LA4	18	770	-
0.37	70	50	0.8	20.82	BG06-../DPE08LA4	18	800	-
0.37	100	35	3.3	14.58	BG10-../DPE08LA4	18	1100	1540
0.37	90	39	3.0	16.15	BG10-../DPE08LA4	18	1140	1590
0.37	79	44.5	2.7	18.51	BG10-../DPE08LA4	18	1210	1690
0.37	71	49.5	2.4	20.51	BG10-../DPE08LA4	18	1290	1800
0.37	66	53	2.3	22.04	BG10-../DPE08LA4	18	1330	1860
0.37	60	58	2.1	24.42	BG10-../DPE08LA4	18	1410	1970
0.37	56	63	1.9	26.26	BG10-../DPE08LA4	18	1460	2000
0.37	50	70	1.7	29.09	BG10-../DPE08LA4	18	1540	2150
0.37	46	76	1.6	31.52	BG10-../DPE08LA4	18	1600	2200
0.37	41.5	85	1.4	34.92	BG10-../DPE08LA4	18	1690	2350
0.37	36.5	96	1.25	39.70	BG10-../DPE08LA4	18	1780	2450
0.37	33	107	1.1	43.99	BG10-../DPE08LA4	18	1880	2600
0.37	31.5	112	1.05	46.55	BG10-../DPE08LA4	18	1920	2650
0.37	28.5	123	0.98	51.57	BG10-../DPE08LA4	18	2000	2800
0.37	25.5	138	0.87	57.48	BG10-../DPE08LA4	18	2000	2800
0.37	54	65	2.3	27.08	BG15-../DPE08LA4	18	3000	6000
0.37	48.5	72	2.1	30.08	BG15-../DPE08LA4	18	3000	6000
0.37	42.5	83	1.8	34.20	BG15-../DPE08LA4	18	3000	6000
0.37	38.5	91	1.65	37.90	BG15-../DPE08LA4	18	3000	6000
0.37	57	61	3.3	25.79	BG20-../DPE08LA4	20	3700	-
0.37	52	67	3.0	27.85	BG20-../DPE08LA4	20	3800	-
0.37	47	75	2.7	30.94	BG20-../DPE08LA4	20	4000	-
0.37	43.5	81	2.5	33.33	BG20-../DPE08LA4	20	4100	-
0.37	39.5	89	2.2	37.02	BG20-../DPE08LA4	20	4300	-
0.37	35	100	2.0	41.76	BG20-../DPE08LA4	20	4500	-
0.37	31.5	112	1.8	46.38	BG20-../DPE08LA4	20	4700	-
0.37	30.5	115	1.75	47.92	BG20-../DPE08LA4	20	4750	-
0.37	27.5	128	1.55	53.22	BG20-../DPE08LA4	20	4950	-
0.37	24.5	144	1.4	59.07	BG20-../DPE08LA4	20	5000	-
0.37	22.5	157	1.25	65.62	BG20-../DPE08LA4	20	5000	-
0.37	21.5	164	1.2	67.53	BG20Z-../DPE08LA4	22	5000	-
0.37	19.5	181	1.1	75.00	BG20Z-../DPE08LA4	22	5000	-
0.37	18.5	191	1.05	78.60	BG20Z-../DPE08LA4	22	5000	-
0.37	17	205	0.98	87.30	BG20Z-../DPE08LA4	22	5000	-
0.37	15.5	225	0.89	94.27	BG20Z-../DPE08LA4	22	5000	-
0.37	14	250	0.8	104.7	BG20Z-../DPE08LA4	22	5000	-
0.37	37.5	94	3.2	39.02	BG30-../DPE08LA4	25	5800	-
0.37	34.5	102	2.9	42.46	BG30-../DPE08LA4	25	5900	-
0.37	31	113	2.7	47.11	BG30-../DPE08LA4	25	6000	-
0.37	28	126	2.4	52.44	BG30-../DPE08LA4	25	6000	-
0.37	25	141	2.1	58.18	BG30-../DPE08LA4	25	6000	-
0.37	24	147	2.0	60.79	BG30-../DPE08LA4	25	6000	-
0.37	21.5	164	1.85	67.44	BG30-../DPE08LA4	25	6000	-
0.37	20	176	1.7	73.51	BG30Z-../DPE08LA4	28	6000	-
0.37	18	196	1.55	81.55	BG30Z-../DPE08LA4	28	6000	-
0.37	17	205	1.45	86.13	BG30Z-../DPE08LA4	28	6000	-
0.37	15.5	225	1.35	95.55	BG30Z-../DPE08LA4	28	6000	-
0.37	13.5	260	1.15	109.6	BG30Z-../DPE08LA4	28	6000	-
0.37	12	290	1.05	121.6	BG30Z-../DPE08LA4	28	6000	-
0.37	11.5	305	0.98	128.5	BG30Z-../DPE08LA4	28	6000	-
0.37	10.5	335	0.9	142.5	BG30Z-../DPE08LA4	28	6000	-
0.37	9.6	365	0.82	151.5	BG30Z-../DPE08LA4	28	6000	-
0.37	27	130	3.3	53.69	BG40-../DPE08LA4	40	7000	-
0.37	24.5	144	3.0	59.64	BG40-../DPE08LA4	40	7000	-
0.37	22	160	2.7	66.20	BG40-../DPE08LA4	40	7000	-
0.37	21.5	164	2.6	67.74	BG40Z-../DPE08LA4	43	7000	-
0.37	19.5	181	2.3	75.19	BG40Z-../DPE08LA4	43	7000	-
0.37	18	196	2.2	82.00	BG40Z-../DPE08LA4	43	7000	-
0.37	16	220	1.95	91.02	BG40Z-../DPE08LA4	43	7000	-
0.37	15	235	1.8	96.86	BG40Z-../DPE08LA4	43	7000	-
0.37	13.5	260	1.65	107.5	BG40Z-../DPE08LA4	43	7000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3



0.37 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.37	12	290	1.45	121.3	BG40Z-../DPE08LA4	43	7000	-
0.37	11	320	1.35	134.6	BG40Z-../DPE08LA4	43	7000	-
0.37	10.5	335	1.25	141.4	BG40Z-../DPE08LA4	43	7000	-
0.37	9.3	375	1.15	156.9	BG40Z-../DPE08LA4	43	7000	-
0.37	8.7	405	1.05	166.1	BG40Z-../DPE08LA4	43	7000	-
0.37	7.9	445	0.96	184.4	BG40Z-../DPE08LA4	43	7000	-
0.37	7.3	480	0.89	199.9	BG40Z-../DPE08LA4	43	7000	-
0.37	6.6	530	0.8	221.9	BG40Z-../DPE08LA4	43	7000	-
0.37	18.5	191	3.3	79.78	BG50Z-../DPE08LA4	52	10000	-
0.37	15.5	225	2.8	95.58	BG50Z-../DPE08LA4	52	10000	-
0.37	14	250	2.5	106.0	BG50Z-../DPE08LA4	52	10000	-
0.37	11.5	305	2.1	128.9	BG50Z-../DPE08LA4	52	10000	-
0.37	10.5	335	1.9	142.9	BG50Z-../DPE08LA4	52	10000	-
0.37	8.8	400	1.6	164.9	BG50Z-../DPE08LA4	52	10000	-
0.37	8.0	440	1.45	182.8	BG50Z-../DPE08LA4	52	10000	-
0.37	7.1	495	1.25	204.7	BG50Z-../DPE08LA4	52	10000	-
0.37	6.4	550	1.15	226.9	BG50Z-../DPE08LA4	52	10000	-
0.37	5.6	630	1.0	258.6	BG50Z-../DPE08LA4	52	10000	-
0.37	5.1	690	0.91	286.7	BG50Z-../DPE08LA4	52	10000	-
0.37	4.2	740	0.93	351.7	BG50G10-../DPE08LA4	56	10000	-
0.37	9.2	380	3.2	158.0	BG60Z-../DPE08LA4	97	16000	-
0.37	8.3	425	2.8	175.1	BG60Z-../DPE08LA4	97	16000	-
0.37	7.1	495	2.4	204.6	BG60Z-../DPE08LA4	97	16000	-
0.37	6.4	550	2.2	226.7	BG60Z-../DPE08LA4	97	16000	-
0.37	5.9	590	2.0	247.7	BG60Z-../DPE08LA4	97	16000	-
0.37	5.3	660	1.8	274.5	BG60Z-../DPE08LA4	97	16000	-
0.37	4.8	600	2.2	306.1	BG60G20-../DPE08LA4	105	16000	-
0.37	4.4	660	1.95	334.3	BG60G20-../DPE08LA4	105	16000	-
0.37	4.0	720	1.8	370.5	BG60G20-../DPE08LA4	105	16000	-
0.37	3.4	870	1.5	437.3	BG60G20-../DPE08LA4	105	16000	-
0.37	2.9	1060	1.25	504.9	BG60G20-../DPE08LA4	105	16000	-
0.37	2.6	1190	1.1	559.5	BG60G20-../DPE08LA4	105	16000	-
0.37	2.3	1370	0.95	651.3	BG60G20-../DPE08LA4	105	16000	-
0.37	3.8	780	3.2	387.6	BG70G20-../DPE08LA4	135	20000	-
0.37	3.5	880	2.8	417.8	BG70G20-../DPE08LA4	135	20000	-
0.37	3.0	1030	2.4	495.9	BG70G20-../DPE08LA4	135	20000	-
0.37	2.6	1210	2.1	577.3	BG70G20-../DPE08LA4	135	20000	-
0.37	2.2	1430	1.75	665.8	BG70G20-../DPE08LA4	135	20000	-
0.37	1.9	1650	1.5	790.2	BG70G20-../DPE08LA4	135	20000	-
0.37	1.7	1870	1.35	877.6	BG70G20-../DPE08LA4	135	20000	-
0.37	1.4	2300	1.1	1035	BG70G20-../DPE08LA4	135	20000	-
0.37	1.3	2450	1.0	1193	BG70G20-../DPE08LA4	135	20000	-
0.37	1.1	2950	0.85	1389	BG70G20-../DPE08LA4	135	20000	-
0.37	1.8	1440	3.2	817.4	BG80G40-../DPE08LA4	216	26000	-
0.37	1.6	1670	2.8	907.6	BG80G40-../DPE08LA4	216	26000	-
0.37	1.4	1980	2.3	1042	BG80G40-../DPE08LA4	216	26000	-
0.37	1.2	2400	1.9	1261	BG80G40-../DPE08LA4	216	26000	-
0.37	1.1	2650	1.75	1400	BG80G40-../DPE08LA4	216	26000	-
0.37	0.9	3350	1.35	1653	BG80G40-../DPE08LA4	216	26000	-
0.37	0.7	4500	1.0	2070	BG80G40-../DPE08LA4	216	26000	-
0.37	0.95	3000	3.1	1583	BG90G50-../DPE08LA4	326	65000	-
0.37	0.85	3450	2.7	1756	BG90G50-../DPE08LA4	326	65000	-
0.37	0.75	4000	2.3	2026	BG90G50-../DPE08LA4	326	65000	-
0.37	0.6	5200	1.75	2514	BG90G50-../DPE08LA4	326	65000	-
0.37	0.55	5700	1.6	2786	BG90G50-../DPE08LA4	326	65000	-
0.37	0.46	7000	1.3	3177	BG90G50-../DPE08LA4	326	65000	-
0.37	0.42	7700	1.2	3521	BG90G50-../DPE08LA4	326	65000	-
0.37	0.4	6300	2.9	3644	BG100G50-../DPE08LA4	513	90000	-
0.37	0.34	7800	2.4	4366	BG100G50-../DPE08LA4	513	90000	-
0.37	0.3	9200	2.0	4839	BG100G50-../DPE08LA4	513	90000	-
0.37	0.25	11600	1.6	5888	BG100G50-../DPE08LA4	513	90000	-
0.37	0.23	12800	1.45	6529	BG100G50-../DPE08LA4	513	90000	-
0.37	0.2	15100	1.25	7533	BG100G50-../DPE08LA4	513	90000	-
0.37	0.18	17100	1.1	8350	BG100G50-../DPE08LA4	513	90000	-

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BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.55 kW

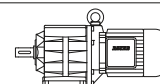


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
0.55	510	10.2	1.75	2.82	BG06-../DPE08XA4	19	470	-
0.55	380	13.8	1.45	3.78	BG06-../DPE08XA4	19	520	-
0.55	315	16.6	1.35	4.54	BG06-../DPE08XA4	19	530	-
0.55	240	21.5	1.1	5.96	BG06-../DPE08XA4	19	570	-
0.55	205	25.5	1.0	7.01	BG06-../DPE08XA4	19	580	-
0.55	187	28	1.0	7.65	BG06-../DPE08XA4	19	580	-
0.55	171	30.5	0.92	8.39	BG06-../DPE08XA4	19	600	-
0.55	153	34	0.88	9.38	BG06-../DPE08XA4	19	640	-
0.55	140	37.5	0.83	10.24	BG06-../DPE08XA4	19	640	-
0.55	188	27.5	3.2	7.63	BG10-../DPE08XA4	19	900	1250
0.55	178	29.5	3.0	8.07	BG10-../DPE08XA4	19	660	920
0.55	154	34	2.9	9.33	BG10-../DPE08XA4	19	950	1330
0.55	139	37.5	2.6	10.34	BG10-../DPE08XA4	19	1000	1400
0.55	120	43.5	2.4	11.92	BG10-../DPE08XA4	19	1030	1440
0.55	109	48	2.3	13.21	BG10-../DPE08XA4	19	1070	1490
0.55	99	53	2.2	14.58	BG10-../DPE08XA4	19	1100	1540
0.55	89	59	2.0	16.15	BG10-../DPE08XA4	19	1140	1590
0.55	78	67	1.8	18.51	BG10-../DPE08XA4	19	1210	1690
0.55	70	75	1.6	20.51	BG10-../DPE08XA4	19	1290	1800
0.55	65	80	1.5	22.04	BG10-../DPE08XA4	19	1330	1860
0.55	59	89	1.35	24.42	BG10-../DPE08XA4	19	1410	1970
0.55	55	95	1.25	26.26	BG10-../DPE08XA4	19	1460	2000
0.55	49.5	106	1.15	29.09	BG10-../DPE08XA4	19	1540	2150
0.55	45.5	115	1.05	31.52	BG10-../DPE08XA4	19	1600	2200
0.55	41	128	0.94	34.92	BG10-../DPE08XA4	19	1690	2350
0.55	36.5	143	0.84	39.70	BG10-../DPE08XA4	19	1780	2450
0.55	53	99	1.5	27.08	BG15-../DPE08XA4	19	3000	6000
0.55	48	109	1.4	30.08	BG15-../DPE08XA4	19	3000	6000
0.55	42	125	1.2	34.20	BG15-../DPE08XA4	19	3000	6000
0.55	38	138	1.1	37.90	BG15-../DPE08XA4	19	3000	6000
0.55	98	53	3.2	14.67	BG20-../DPE08XA4	22	3050	-
0.55	92	57	3.1	15.58	BG20-../DPE08XA4	22	3100	-
0.55	83	63	2.9	17.31	BG20-../DPE08XA4	22	3200	-
0.55	72	72	2.7	19.95	BG20-../DPE08XA4	22	3350	-
0.55	65	80	2.5	22.16	BG20-../DPE08XA4	22	3500	-
0.55	62	84	2.4	23.22	BG20-../DPE08XA4	22	3550	-
0.55	56	93	2.2	25.79	BG20-../DPE08XA4	22	3700	-
0.55	52	101	2.0	27.85	BG20-../DPE08XA4	22	3800	-
0.55	46.5	112	1.8	30.94	BG20-../DPE08XA4	22	4000	-
0.55	43	122	1.65	33.33	BG20-../DPE08XA4	22	4100	-
0.55	39	134	1.5	37.02	BG20-../DPE08XA4	22	4300	-
0.55	34.5	152	1.3	41.76	BG20-../DPE08XA4	22	4500	-
0.55	31	169	1.2	46.38	BG20-../DPE08XA4	22	4700	-
0.55	30	175	1.15	47.92	BG20-../DPE08XA4	22	4750	-
0.55	27	194	1.05	53.22	BG20-../DPE08XA4	22	4950	-
0.55	24.5	210	0.95	59.07	BG20-../DPE08XA4	22	5000	-
0.55	22	235	0.85	65.62	BG20-../DPE08XA4	22	5000	-
0.55	21.5	240	0.83	67.53	BG20Z-../DPE08XA4	23	5000	-
0.55	57	92	3.3	25.45	BG30-../DPE08XA4	26	4850	-
0.55	51	102	2.9	28.24	BG30-../DPE08XA4	26	5100	-
0.55	48	109	2.8	29.83	BG30-../DPE08XA4	26	5200	-
0.55	43.5	120	2.5	33.09	BG30-../DPE08XA4	26	5400	-
0.55	41	128	2.3	35.17	BG30-../DPE08XA4	26	5500	-
0.55	37	141	2.1	39.02	BG30-../DPE08XA4	26	5800	-
0.55	34	154	1.95	42.46	BG30-../DPE08XA4	26	5900	-
0.55	30.5	172	1.75	47.11	BG30-../DPE08XA4	26	6000	-
0.55	27.5	191	1.55	52.44	BG30-../DPE08XA4	26	6000	-
0.55	25	210	1.45	58.18	BG30-../DPE08XA4	26	6000	-
0.55	24	215	1.4	60.79	BG30-../DPE08XA4	26	6000	-
0.55	21.5	240	1.25	67.44	BG30-../DPE08XA4	26	6000	-
0.55	19.5	265	1.15	73.51	BG30Z-../DPE08XA4	28	6000	-
0.55	18	290	1.05	81.55	BG30Z-../DPE08XA4	28	6000	-
0.55	17	305	0.98	86.13	BG30Z-../DPE08XA4	28	6000	-
0.55	15	350	0.86	95.55	BG30Z-../DPE08XA4	28	6000	-
0.55	38	138	3.1	37.96	BG40-../DPE08XA4	41	7000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3


0.55 kW




P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.55	36	145	2.9	40.19	BG40-../DPE08XA4	41	7000	-
0.55	32.5	161	2.6	44.62	BG40-../DPE08XA4	41	7000	-
0.55	30	175	2.4	48.36	BG40-../DPE08XA4	41	7000	-
0.55	27	194	2.2	53.69	BG40-../DPE08XA4	41	7000	-
0.55	24	215	2.0	59.64	BG40-../DPE08XA4	41	7000	-
0.55	22	235	1.8	66.20	BG40-../DPE08XA4	41	7000	-
0.55	21.5	240	1.75	67.74	BG40Z-../DPE08XA4	44	7000	-
0.55	19.5	265	1.6	75.19	BG40Z-../DPE08XA4	44	7000	-
0.55	17.5	300	1.4	82.00	BG40Z-../DPE08XA4	44	7000	-
0.55	16	325	1.3	91.02	BG40Z-../DPE08XA4	44	7000	-
0.55	15	350	1.2	96.86	BG40Z-../DPE08XA4	44	7000	-
0.55	13.5	385	1.1	107.5	BG40Z-../DPE08XA4	44	7000	-
0.55	12	435	0.98	121.3	BG40Z-../DPE08XA4	44	7000	-
0.55	11	475	0.89	134.6	BG40Z-../DPE08XA4	44	7000	-
0.55	10.5	500	0.85	141.4	BG40Z-../DPE08XA4	44	7000	-
0.55	27.5	191	3.3	52.12	BG50-../DPE08XA4	48	10000	-
0.55	24.5	210	3.0	59.42	BG50-../DPE08XA4	48	10000	-
0.55	22	235	2.7	65.86	BG50-../DPE08XA4	48	10000	-
0.55	20	260	2.4	71.97	BG50Z-../DPE08XA4	53	10000	-
0.55	18	290	2.2	79.78	BG50Z-../DPE08XA4	53	10000	-
0.55	15	350	1.8	95.58	BG50Z-../DPE08XA4	53	10000	-
0.55	13.5	385	1.65	106.0	BG50Z-../DPE08XA4	53	10000	-
0.55	11.5	455	1.4	128.9	BG50Z-../DPE08XA4	53	10000	-
0.55	10.5	500	1.25	142.9	BG50Z-../DPE08XA4	53	10000	-
0.55	8.7	600	1.05	164.9	BG50Z-../DPE08XA4	53	10000	-
0.55	7.9	660	0.95	182.8	BG50Z-../DPE08XA4	53	10000	-
0.55	7.0	750	0.84	204.7	BG50Z-../DPE08XA4	53	10000	-
0.55	14.5	360	3.3	101.0	BG60Z-../DPE08XA4	98	16000	-
0.55	12	435	2.8	119.2	BG60Z-../DPE08XA4	98	16000	-
0.55	11	475	2.5	132.1	BG60Z-../DPE08XA4	98	16000	-
0.55	9.1	570	2.1	158.0	BG60Z-../DPE08XA4	98	16000	-
0.55	8.2	640	1.9	175.1	BG60Z-../DPE08XA4	98	16000	-
0.55	7.0	750	1.6	204.6	BG60Z-../DPE08XA4	98	16000	-
0.55	6.4	820	1.45	226.7	BG60Z-../DPE08XA4	98	16000	-
0.55	5.8	900	1.35	247.7	BG60Z-../DPE08XA4	98	16000	-
0.55	5.3	990	1.2	274.5	BG60Z-../DPE08XA4	98	16000	-
0.55	5.2	890	1.45	276.2	BG60G20-../DPE08XA4	106	16000	-
0.55	4.7	980	1.35	306.1	BG60G20-../DPE08XA4	106	16000	-
0.55	4.3	1080	1.2	334.3	BG60G20-../DPE08XA4	106	16000	-
0.55	3.9	1190	1.1	370.5	BG60G20-../DPE08XA4	106	16000	-
0.55	3.3	1420	0.92	437.3	BG60G20-../DPE08XA4	106	16000	-
0.55	7.4	700	3.3	194.4	BG70Z-../DPE08XA4	138	20000	-
0.55	6.8	770	3.0	210.5	BG70Z-../DPE08XA4	138	20000	-
0.55	5.8	900	2.6	249.8	BG70Z-../DPE08XA4	138	20000	-
0.55	5.6	830	3.0	255.5	BG70G20-../DPE08XA4	136	20000	-
0.55	5.2	890	2.8	276.7	BG70G20-../DPE08XA4	136	20000	-
0.55	4.4	1050	2.4	328.4	BG70G20-../DPE08XA4	136	20000	-
0.55	3.7	1270	1.95	387.6	BG70G20-../DPE08XA4	136	20000	-
0.55	3.5	1370	1.8	417.8	BG70G20-../DPE08XA4	136	20000	-
0.55	2.9	1660	1.5	495.9	BG70G20-../DPE08XA4	136	20000	-
0.55	2.5	1950	1.3	577.3	BG70G20-../DPE08XA4	136	20000	-
0.55	2.2	2200	1.15	665.8	BG70G20-../DPE08XA4	136	20000	-
0.55	1.9	2550	0.98	790.2	BG70G20-../DPE08XA4	136	20000	-
0.55	1.7	2850	0.88	877.6	BG70G20-../DPE08XA4	136	20000	-
0.55	2.5	1720	2.7	572.0	BG80G40-../DPE08XA4	217	26000	-
0.55	2.2	1900	2.4	657.8	BG80G40-../DPE08XA4	217	26000	-
0.55	2.0	2100	2.2	730.3	BG80G40-../DPE08XA4	217	26000	-
0.55	1.8	2350	1.95	817.4	BG80G40-../DPE08XA4	217	26000	-
0.55	1.6	2700	1.7	907.6	BG80G40-../DPE08XA4	217	26000	-
0.55	1.4	3200	1.45	1042	BG80G40-../DPE08XA4	217	26000	-
0.55	1.2	3800	1.2	1261	BG80G40-../DPE08XA4	217	26000	-
0.55	1.1	4200	1.1	1400	BG80G40-../DPE08XA4	217	26000	-
0.55	1.3	3350	2.7	1174	BG90G50-../DPE08XA4	327	65000	-
0.55	1.1	4100	2.2	1301	BG90G50-../DPE08XA4	327	65000	-
0.55	0.95	4850	1.9	1583	BG90G50-../DPE08XA4	327	65000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

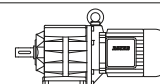
0.55 kW								
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]	[kg]	[N]	[N]	
0.55	0.85	5500	1.65	1756	BG90G50-../DPE08XA4	327	65000	-
0.55	0.75	6300	1.45	2026	BG90G50-../DPE08XA4	327	65000	-
0.55	0.6	8000	1.15	2514	BG90G50-../DPE08XA4	327	65000	-
0.55	0.55	8800	1.05	2786	BG90G50-../DPE08XA4	327	65000	-
0.55	0.55	7100	2.6	2656	BG100G50-../DPE08XA4	514	90000	-
0.55	0.49	8400	2.2	2952	BG100G50-../DPE08XA4	514	90000	-
0.55	0.44	9400	1.95	3286	BG100G50-../DPE08XA4	514	90000	-
0.55	0.4	10600	1.75	3644	BG100G50-../DPE08XA4	514	90000	-
0.55	0.33	13400	1.4	4366	BG100G50-../DPE08XA4	514	90000	-
0.55	0.3	15000	1.25	4839	BG100G50-../DPE08XA4	514	90000	-

0.75 kW								
P _N	50 Hz			i	Type	m	F _{RN}	F _{RV}
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[-]	[:1]	[kg]	[N]	[N]	
0.75	510	14	1.3	2.82	BG06-../DPE08XB4	19	470	-
0.75	380	18.8	1.05	3.78	BG06-../DPE08XB4	19	520	-
0.75	315	22.5	0.98	4.54	BG06-../DPE08XB4	19	530	-
0.75	240	29.5	0.81	5.96	BG06-../DPE08XB4	19	570	-
0.75	330	21.5	3.2	4.36	BG10-../DPE08XB4	19	650	910
0.75	270	26.5	2.8	5.34	BG10-../DPE08XB4	19	620	910
0.75	215	33	2.5	6.78	BG10-../DPE08XB4	19	660	920
0.75	210	34	2.6	6.89	BG10-../DPE08XB4	19	850	1200
0.75	187	38	2.3	7.63	BG10-../DPE08XB4	19	900	1250
0.75	177	40	2.2	8.07	BG10-../DPE08XB4	19	660	920
0.75	153	46.5	2.1	9.33	BG10-../DPE08XB4	19	950	1330
0.75	138	51	1.95	10.34	BG10-../DPE08XB4	19	1000	1400
0.75	120	59	1.8	11.92	BG10-../DPE08XB4	19	1030	1440
0.75	108	66	1.65	13.21	BG10-../DPE08XB4	19	1070	1490
0.75	98	73	1.55	14.58	BG10-../DPE08XB4	19	1100	1540
0.75	89	80	1.45	16.15	BG10-../DPE08XB4	19	1140	1590
0.75	77	93	1.3	18.51	BG10-../DPE08XB4	19	1210	1690
0.75	70	102	1.2	20.51	BG10-../DPE08XB4	19	1290	1800
0.75	65	110	1.1	22.04	BG10-../DPE08XB4	19	1330	1860
0.75	59	121	0.99	24.42	BG10-../DPE08XB4	19	1410	1970
0.75	55	130	0.92	26.26	BG10-../DPE08XB4	19	1460	2000
0.75	49	146	0.82	29.09	BG10-../DPE08XB4	19	1540	2150
0.75	53	135	1.1	27.08	BG15-../DPE08XB4	19	3000	6000
0.75	47.5	150	1.0	30.08	BG15-../DPE08XB4	19	3000	6000
0.75	42	170	0.88	34.20	BG15-../DPE08XB4	19	3000	6000
0.75	38	188	0.8	37.90	BG15-../DPE08XB4	19	3000	6000
0.75	172	41.5	2.9	8.29	BG20-../DPE08XB4	22	2250	-
0.75	160	44.5	3.2	8.91	BG20-../DPE08XB4	22	2600	-
0.75	148	48	2.5	9.65	BG20-../DPE08XB4	22	2250	-
0.75	136	52	3.0	10.54	BG20-../DPE08XB4	22	2700	-
0.75	122	58	2.7	11.71	BG20-../DPE08XB4	22	2800	-
0.75	108	66	2.5	13.21	BG20-../DPE08XB4	22	2900	-
0.75	98	73	2.4	14.67	BG20-../DPE08XB4	22	3050	-
0.75	92	77	2.3	15.58	BG20-../DPE08XB4	22	3100	-
0.75	83	86	2.1	17.31	BG20-../DPE08XB4	22	3200	-
0.75	72	99	1.95	19.95	BG20-../DPE08XB4	22	3350	-
0.75	65	110	1.8	22.16	BG20-../DPE08XB4	22	3500	-
0.75	62	115	1.75	23.22	BG20-../DPE08XB4	22	3550	-
0.75	56	127	1.55	25.79	BG20-../DPE08XB4	22	3700	-
0.75	52	137	1.45	27.85	BG20-../DPE08XB4	22	3800	-
0.75	46.5	154	1.3	30.94	BG20-../DPE08XB4	22	4000	-
0.75	43	166	1.2	33.33	BG20-../DPE08XB4	22	4100	-
0.75	38.5	186	1.1	37.02	BG20-../DPE08XB4	22	4300	-
0.75	34.5	205	0.98	41.76	BG20-../DPE08XB4	22	4500	-
0.75	31	230	0.87	46.38	BG20-../DPE08XB4	22	4700	-
0.75	30	235	0.85	47.92	BG20-../DPE08XB4	22	4750	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

0.75 kW



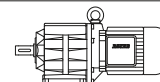
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.75	76	94	3.2	18.93	BG30-../DPE08XB4	26	4100	-
0.75	72	99	3.0	19.99	BG30-../DPE08XB4	26	4200	-
0.75	65	110	2.7	22.18	BG30-../DPE08XB4	26	4600	-
0.75	56	127	2.4	25.45	BG30-../DPE08XB4	26	4850	-
0.75	51	140	2.1	28.24	BG30-../DPE08XB4	26	5100	-
0.75	48	149	2.0	29.83	BG30-../DPE08XB4	26	5200	-
0.75	43.5	164	1.85	33.09	BG30-../DPE08XB4	26	5400	-
0.75	41	174	1.7	35.17	BG30-../DPE08XB4	26	5500	-
0.75	37	193	1.55	39.02	BG30-../DPE08XB4	26	5800	-
0.75	34	210	1.45	42.46	BG30-../DPE08XB4	26	5900	-
0.75	30.5	230	1.3	47.11	BG30-../DPE08XB4	26	6000	-
0.75	27.5	260	1.15	52.44	BG30-../DPE08XB4	26	6000	-
0.75	24.5	290	1.05	58.18	BG30-../DPE08XB4	26	6000	-
0.75	23.5	300	1.0	60.79	BG30-../DPE08XB4	26	6000	-
0.75	21.5	330	0.91	67.44	BG30-../DPE08XB4	26	6000	-
0.75	19.5	365	0.82	73.51	BG30Z-../DPE08XB4	29	6000	-
0.75	55	130	3.3	26.01	BG40-../DPE08XB4	41	6500	-
0.75	49	146	2.9	29.34	BG40-../DPE08XB4	41	6800	-
0.75	44	162	2.6	32.57	BG40-../DPE08XB4	41	7000	-
0.75	42	170	2.5	34.20	BG40-../DPE08XB4	41	7000	-
0.75	38	188	2.3	37.96	BG40-../DPE08XB4	41	7000	-
0.75	35.5	200	2.1	40.19	BG40-../DPE08XB4	41	7000	-
0.75	32	220	1.95	44.62	BG40-../DPE08XB4	41	7000	-
0.75	29.5	240	1.75	48.36	BG40-../DPE08XB4	41	7000	-
0.75	27	265	1.6	53.69	BG40-../DPE08XB4	41	7000	-
0.75	24	295	1.45	59.64	BG40-../DPE08XB4	41	7000	-
0.75	22	325	1.3	66.20	BG40-../DPE08XB4	41	7000	-
0.75	21.5	330	1.3	67.74	BG40Z-../DPE08XB4	44	7000	-
0.75	19	375	1.15	75.19	BG40Z-../DPE08XB4	44	7000	-
0.75	17.5	405	1.05	82.00	BG40Z-../DPE08XB4	44	7000	-
0.75	16	445	0.96	91.02	BG40Z-../DPE08XB4	44	7000	-
0.75	15	475	0.89	96.86	BG40Z-../DPE08XB4	44	7000	-
0.75	13.5	530	0.8	107.5	BG40Z-../DPE08XB4	44	7000	-
0.75	34	210	3.0	42.00	BG50-../DPE08XB4	49	10000	-
0.75	30.5	230	2.7	47.02	BG50-../DPE08XB4	49	10000	-
0.75	27.5	260	2.4	52.12	BG50-../DPE08XB4	49	10000	-
0.75	24	295	2.1	59.42	BG50-../DPE08XB4	49	10000	-
0.75	22	325	1.95	65.86	BG50-../DPE08XB4	49	10000	-
0.75	20	355	1.75	71.97	BG50Z-../DPE08XB4	54	10000	-
0.75	18	395	1.6	79.78	BG50Z-../DPE08XB4	54	10000	-
0.75	15	475	1.35	95.58	BG50Z-../DPE08XB4	54	10000	-
0.75	13.5	530	1.2	106.0	BG50Z-../DPE08XB4	54	10000	-
0.75	11.5	620	1.0	128.9	BG50Z-../DPE08XB4	54	10000	-
0.75	10	710	0.89	142.9	BG50Z-../DPE08XB4	54	10000	-
0.75	19	375	3.2	75.71	BG60Z-../DPE08XB4	99	16000	-
0.75	16	445	2.7	91.09	BG60Z-../DPE08XB4	99	16000	-
0.75	14.5	490	2.4	101.0	BG60Z-../DPE08XB4	99	16000	-
0.75	12	590	2.0	119.2	BG60Z-../DPE08XB4	99	16000	-
0.75	11	650	1.85	132.1	BG60Z-../DPE08XB4	99	16000	-
0.75	9.1	780	1.55	158.0	BG60Z-../DPE08XB4	99	16000	-
0.75	8.2	870	1.4	175.1	BG60Z-../DPE08XB4	99	16000	-
0.75	7.0	1020	1.2	204.6	BG60Z-../DPE08XB4	99	16000	-
0.75	6.3	1130	1.05	226.7	BG60Z-../DPE08XB4	99	16000	-
0.75	5.8	1230	0.98	247.7	BG60Z-../DPE08XB4	99	16000	-
0.75	5.2	1370	0.88	274.5	BG60Z-../DPE08XB4	99	16000	-
0.75	4.7	1390	0.94	306.1	BG60G20-../DPE08XB4	106	16000	-
0.75	4.3	1520	0.86	334.3	BG60G20-../DPE08XB4	106	16000	-
0.75	9.7	730	3.2	147.2	BG70Z-../DPE08XB4	138	20000	-
0.75	8.7	820	2.8	163.8	BG70Z-../DPE08XB4	138	20000	-
0.75	7.4	960	2.4	194.4	BG70Z-../DPE08XB4	138	20000	-
0.75	6.8	1050	2.2	210.5	BG70Z-../DPE08XB4	138	20000	-
0.75	5.8	1230	1.85	249.8	BG70Z-../DPE08XB4	138	20000	-
0.75	5.6	1170	2.1	255.5	BG70G20-../DPE08XB4	136	20000	-
0.75	5.2	1260	2.0	276.7	BG70G20-../DPE08XB4	136	20000	-
0.75	4.4	1490	1.7	328.4	BG70G20-../DPE08XB4	136	20000	-
0.75	3.7	1780	1.4	387.6	BG70G20-../DPE08XB4	136	20000	-

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BG-series helical-geared motors

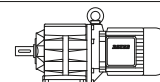
Selection helical-geared motors DPE - IE3

0.75 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
0.75	3.5	1920	1.3	417.8	BG70G20-../DPE08XB4	136	20000	-
0.75	2.9	2300	1.1	495.9	BG70G20-../DPE08XB4	136	20000	-
0.75	2.5	2700	0.93	577.3	BG70G20-../DPE08XB4	136	20000	-
0.75	2.2	3050	0.82	665.8	BG70G20-../DPE08XB4	136	20000	-
0.75	4.0	1450	3.2	360.0	BG80G40-../DPE08XB4	218	26000	-
0.75	3.6	1610	2.9	399.8	BG80G40-../DPE08XB4	218	26000	-
0.75	3.3	1830	2.5	436.2	BG80G40-../DPE08XB4	218	26000	-
0.75	3.0	2000	2.3	484.3	BG80G40-../DPE08XB4	218	26000	-
0.75	2.5	2450	1.9	572.0	BG80G40-../DPE08XB4	218	26000	-
0.75	2.2	2750	1.65	657.8	BG80G40-../DPE08XB4	218	26000	-
0.75	2.0	3050	1.5	730.3	BG80G40-../DPE08XB4	218	26000	-
0.75	1.8	3450	1.35	817.4	BG80G40-../DPE08XB4	218	26000	-
0.75	1.6	3900	1.2	907.6	BG80G40-../DPE08XB4	218	26000	-
0.75	1.4	4550	1.0	1042	BG80G40-../DPE08XB4	218	26000	-
0.75	1.2	5400	0.85	1261	BG80G40-../DPE08XB4	218	26000	-
0.75	2.0	2900	3.2	714.2	BG90G50-../DPE08XB4	328	65000	-
0.75	1.7	3500	2.6	883.7	BG90G50-../DPE08XB4	328	65000	-
0.75	1.3	4800	1.9	1174	BG90G50-../DPE08XB4	328	65000	-
0.75	1.1	5800	1.6	1301	BG90G50-../DPE08XB4	328	65000	-
0.75	0.95	6800	1.35	1583	BG90G50-../DPE08XB4	328	65000	-
0.75	0.85	7700	1.2	1756	BG90G50-../DPE08XB4	328	65000	-
0.75	0.75	8800	1.05	2026	BG90G50-../DPE08XB4	328	65000	-
0.75	1.0	5700	3.2	1444	BG100G50-../DPE08XB4	514	90000	-
0.75	0.85	6800	2.7	1678	BG100G50-../DPE08XB4	514	90000	-
0.75	0.8	7100	2.6	1867	BG100G50-../DPE08XB4	514	90000	-
0.75	0.7	8100	2.3	2154	BG100G50-../DPE08XB4	514	90000	-
0.75	0.55	10600	1.75	2656	BG100G50-../DPE08XB4	514	90000	-
0.75	0.49	12300	1.5	2952	BG100G50-../DPE08XB4	514	90000	-
0.75	0.44	13700	1.35	3286	BG100G50-../DPE08XB4	514	90000	-
0.75	0.4	15400	1.2	3644	BG100G50-../DPE08XB4	514	90000	-

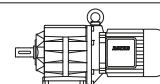
1.1 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
1.1	580	18.1	3.1	2.52	BG10-../DPE09XA4	30	570	790
1.1	425	24.5	2.5	3.42	BG10-../DPE09XA4	30	630	880
1.1	335	31	2.2	4.36	BG10-../DPE09XA4	30	650	910
1.1	270	38.5	1.95	5.34	BG10-../DPE09XA4	30	620	910
1.1	215	48.5	1.65	6.78	BG10-../DPE09XA4	30	660	920
1.1	210	50	1.75	6.89	BG10-../DPE09XA4	30	850	1200
1.1	189	55	1.6	7.63	BG10-../DPE09XA4	30	900	1250
1.1	179	58	1.5	8.07	BG10-../DPE09XA4	30	660	920
1.1	155	67	1.45	9.33	BG10-../DPE09XA4	30	950	1330
1.1	140	75	1.3	10.34	BG10-../DPE09XA4	30	1000	1400
1.1	121	86	1.2	11.92	BG10-../DPE09XA4	30	1030	1440
1.1	110	95	1.15	13.21	BG10-../DPE09XA4	30	1070	1490
1.1	99	106	1.1	14.58	BG10-../DPE09XA4	30	1100	1540
1.1	90	116	1.0	16.15	BG10-../DPE09XA4	30	1140	1590
1.1	78	134	0.9	18.51	BG10-../DPE09XA4	30	1210	1690
1.1	71	147	0.82	20.51	BG10-../DPE09XA4	30	1290	1800
1.1	330	31.5	3.3	4.38	BG20-../DPE09XA4	32	1990	-
1.1	265	39.5	2.9	5.49	BG20-../DPE09XA4	32	2100	-
1.1	240	43.5	2.9	6.06	BG20-../DPE09XA4	32	2250	-
1.1	225	46.5	2.6	6.48	BG20-../DPE09XA4	32	2250	-
1.1	215	48.5	2.7	6.73	BG20-../DPE09XA4	32	2350	2100
1.1	180	58	2.4	8.02	BG20-../DPE09XA4	32	2500	-
1.1	174	60	2.0	8.29	BG20-../DPE09XA4	32	2250	-
1.1	162	64	2.2	8.91	BG20-../DPE09XA4	32	2600	-
1.1	150	70	1.75	9.65	BG20-../DPE09XA4	32	2250	-
1.1	137	76	2.0	10.54	BG20-../DPE09XA4	32	2700	-
1.1	123	85	1.85	11.71	BG20-../DPE09XA4	32	2800	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3



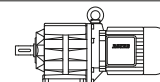
1.1 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
1.1	110	95	1.75	13.21	BG20-../DPE09XA4	32	2900	-
1.1	99	106	1.6	14.67	BG20-../DPE09XA4	32	3050	-
1.1	93	112	1.6	15.58	BG20-../DPE09XA4	32	3100	-
1.1	84	125	1.45	17.31	BG20-../DPE09XA4	32	3200	-
1.1	73	143	1.35	19.95	BG20-../DPE09XA4	32	3350	-
1.1	65	161	1.25	22.16	BG20-../DPE09XA4	32	3500	-
1.1	63	166	1.2	23.22	BG20-../DPE09XA4	32	3550	-
1.1	56	187	1.05	25.79	BG20-../DPE09XA4	32	3700	-
1.1	52	200	1.0	27.85	BG20-../DPE09XA4	32	3800	-
1.1	47	220	0.91	30.94	BG20-../DPE09XA4	32	4000	-
1.1	43.5	240	0.83	33.33	BG20-../DPE09XA4	32	4100	-
1.1	122	86	3.2	11.82	BG30-../DPE09XA4	37	3200	-
1.1	105	100	2.9	13.77	BG30-../DPE09XA4	37	3150	-
1.1	95	110	2.7	15.27	BG30-../DPE09XA4	37	3450	-
1.1	85	123	2.4	17.06	BG30-../DPE09XA4	37	3700	-
1.1	77	136	2.2	18.93	BG30-../DPE09XA4	37	4100	-
1.1	73	143	2.1	19.99	BG30-../DPE09XA4	37	4200	-
1.1	65	161	1.85	22.18	BG30-../DPE09XA4	37	4600	-
1.1	57	184	1.65	25.45	BG30-../DPE09XA4	37	4850	-
1.1	51	205	1.45	28.24	BG30-../DPE09XA4	37	5100	-
1.1	48.5	215	1.4	29.83	BG30-../DPE09XA4	37	5200	-
1.1	44	235	1.3	33.09	BG30-../DPE09XA4	37	5400	-
1.1	41	255	1.2	35.17	BG30-../DPE09XA4	37	5500	-
1.1	37	280	1.05	39.02	BG30-../DPE09XA4	37	5800	-
1.1	34	305	0.98	42.46	BG30-../DPE09XA4	37	5900	-
1.1	31	335	0.9	47.11	BG30-../DPE09XA4	37	6000	-
1.1	80	131	3.2	18.19	BG40-../DPE09XA4	51	5600	-
1.1	73	143	3.0	19.84	BG40-../DPE09XA4	51	5800	-
1.1	66	159	2.7	22.02	BG40-../DPE09XA4	51	6000	-
1.1	62	169	2.5	23.43	BG40-../DPE09XA4	51	6200	-
1.1	56	187	2.3	26.01	BG40-../DPE09XA4	51	6500	-
1.1	49.5	210	2.0	29.34	BG40-../DPE09XA4	51	6800	-
1.1	44.5	235	1.8	32.57	BG40-../DPE09XA4	51	7000	-
1.1	42.5	245	1.75	34.20	BG40-../DPE09XA4	51	7000	-
1.1	38	275	1.55	37.96	BG40-../DPE09XA4	51	7000	-
1.1	36	290	1.45	40.19	BG40-../DPE09XA4	51	7000	-
1.1	32.5	320	1.35	44.62	BG40-../DPE09XA4	51	7000	-
1.1	30	350	1.2	48.36	BG40-../DPE09XA4	51	7000	-
1.1	27	385	1.1	53.69	BG40-../DPE09XA4	51	7000	-
1.1	24.5	425	1.0	59.64	BG40-../DPE09XA4	51	7000	-
1.1	22	475	0.89	66.20	BG40-../DPE09XA4	51	7000	-
1.1	21.5	485	0.88	67.74	BG40Z-../DPE09XA4	55	7000	-
1.1	19.5	530	0.8	75.19	BG40Z-../DPE09XA4	55	7000	-
1.1	49	210	3.0	29.62	BG50-../DPE09XA4	59	8000	-
1.1	44	235	2.7	32.84	BG50-../DPE09XA4	59	8700	-
1.1	38.5	270	2.3	37.89	BG50-../DPE09XA4	59	10000	-
1.1	34.5	300	2.1	42.00	BG50-../DPE09XA4	59	10000	-
1.1	31	335	1.9	47.02	BG50-../DPE09XA4	59	10000	-
1.1	28	375	1.7	52.12	BG50-../DPE09XA4	59	10000	-
1.1	24.5	425	1.5	59.42	BG50-../DPE09XA4	59	10000	-
1.1	22	475	1.35	65.86	BG50-../DPE09XA4	59	10000	-
1.1	20.5	510	1.25	71.97	BG50Z-../DPE09XA4	64	10000	-
1.1	18.5	560	1.15	79.78	BG50Z-../DPE09XA4	64	10000	-
1.1	15.5	670	0.94	95.58	BG50Z-../DPE09XA4	64	10000	-
1.1	14	750	0.84	106.0	BG50Z-../DPE09XA4	64	10000	-
1.1	29	360	3.3	50.31	BG60-../DPE09XA4	90	16000	-
1.1	26	400	3.0	55.76	BG60-../DPE09XA4	90	16000	-
1.1	24	435	2.8	60.90	BG60-../DPE09XA4	90	16000	-
1.1	21.5	485	2.5	67.49	BG60-../DPE09XA4	90	16000	-
1.1	19.5	530	2.3	75.71	BG60Z-../DPE09XA4	109	16000	-
1.1	16	650	1.85	91.09	BG60Z-../DPE09XA4	109	16000	-
1.1	14.5	720	1.65	101.0	BG60Z-../DPE09XA4	109	16000	-
1.1	12.5	840	1.45	119.2	BG60Z-../DPE09XA4	109	16000	-
1.1	11	950	1.25	132.1	BG60Z-../DPE09XA4	109	16000	-
1.1	9.2	1140	1.05	158.0	BG60Z-../DPE09XA4	109	16000	-
1.1	8.3	1260	0.95	175.1	BG60Z-../DPE09XA4	109	16000	-

BG-series helical-geared motors

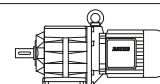
Selection helical-geared motors DPE - IE3

1.1 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
1.1	7.1	1470	0.82	204.6	BG60Z-../DPE09XA4	109	16000	-
1.1	13	800	2.9	113.6	BG70Z-../DPE09XA4	149	20000	-
1.1	12	870	2.6	124.0	BG70Z-../DPE09XA4	149	20000	-
1.1	9.8	1070	2.1	147.2	BG70Z-../DPE09XA4	149	20000	-
1.1	8.8	1190	1.95	163.8	BG70Z-../DPE09XA4	149	20000	-
1.1	7.5	1400	1.65	194.4	BG70Z-../DPE09XA4	149	20000	-
1.1	6.9	1520	1.5	210.5	BG70Z-../DPE09XA4	149	20000	-
1.1	5.8	1810	1.25	249.8	BG70Z-../DPE09XA4	149	20000	-
1.1	5.7	1730	1.45	255.5	BG70G20-../DPE09XA4	146	20000	-
1.1	5.3	1860	1.35	276.7	BG70G20-../DPE09XA4	146	20000	-
1.1	4.4	2200	1.15	328.4	BG70G20-../DPE09XA4	146	20000	-
1.1	3.8	2600	0.96	387.6	BG70G20-../DPE09XA4	146	20000	-
1.1	3.5	2850	0.88	417.8	BG70G20-../DPE09XA4	146	20000	-
1.1	7.8	1340	3.1	186.8	BG80Z-../DPE09XA4	217	26000	-
1.1	7.0	1500	2.8	207.4	BG80Z-../DPE09XA4	217	26000	-
1.1	5.8	1500	3.1	252.3	BG80G40-../DPE09XA4	228	26000	-
1.1	5.1	1750	2.6	282.8	BG80G40-../DPE09XA4	228	26000	-
1.1	4.6	1940	2.4	314.0	BG80G40-../DPE09XA4	228	26000	-
1.1	4.0	2250	2.0	360.0	BG80G40-../DPE09XA4	228	26000	-
1.1	3.7	2450	1.9	399.8	BG80G40-../DPE09XA4	228	26000	-
1.1	3.4	2750	1.65	436.2	BG80G40-../DPE09XA4	228	26000	-
1.1	3.0	3100	1.5	484.3	BG80G40-../DPE09XA4	228	26000	-
1.1	2.6	3650	1.25	572.0	BG80G40-../DPE09XA4	228	26000	-
1.1	2.2	4250	1.1	657.8	BG80G40-../DPE09XA4	228	26000	-
1.1	2.0	4750	0.97	730.3	BG80G40-../DPE09XA4	228	26000	-
1.1	1.8	5300	0.87	817.4	BG80G40-../DPE09XA4	228	26000	-
1.1	2.9	3100	3.0	504.7	BG90G50-../DPE09XA4	338	65000	-
1.1	2.5	3600	2.6	588.8	BG90G50-../DPE09XA4	338	65000	-
1.1	2.3	3950	2.3	644.7	BG90G50-../DPE09XA4	338	65000	-
1.1	2.1	4350	2.1	714.2	BG90G50-../DPE09XA4	338	65000	-
1.1	1.7	5500	1.65	883.7	BG90G50-../DPE09XA4	338	65000	-
1.1	1.3	7400	1.25	1174	BG90G50-../DPE09XA4	338	65000	-
1.1	1.2	8000	1.15	1301	BG90G50-../DPE09XA4	338	65000	-
1.1	1.8	5800	3.2	845.1	BG100Z-../DPE09XA4	526	90000	-
1.1	1.4	6100	3.0	1043	BG100G50-../DPE09XA4	525	90000	-
1.1	1.2	7100	2.6	1204	BG100G50-../DPE09XA4	525	90000	-
1.1	1.0	9100	2.0	1444	BG100G50-../DPE09XA4	525	90000	-
1.1	0.9	10000	1.85	1678	BG100G50-../DPE09XA4	525	90000	-
1.1	0.8	11300	1.65	1867	BG100G50-../DPE09XA4	525	90000	-
1.1	0.7	12900	1.45	2154	BG100G50-../DPE09XA4	525	90000	-
1.1	0.55	16700	1.1	2656	BG100G50-../DPE09XA4	525	90000	-

1.5 kW

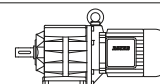


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
1.5	570	25	2.2	2.52	BG10-../DPE09XB4	30	570	790
1.5	420	34	1.8	3.42	BG10-../DPE09XB4	30	630	880
1.5	330	43	1.6	4.36	BG10-../DPE09XB4	30	650	910
1.5	270	53	1.4	5.34	BG10-../DPE09XB4	30	620	910
1.5	215	66	1.25	6.78	BG10-../DPE09XB4	30	660	920
1.5	210	68	1.3	6.89	BG10-../DPE09XB4	30	850	1200
1.5	189	75	1.2	7.63	BG10-../DPE09XB4	30	900	1250
1.5	178	80	1.1	8.07	BG10-../DPE09XB4	30	660	920
1.5	154	93	1.05	9.33	BG10-../DPE09XB4	30	950	1330
1.5	139	103	0.96	10.34	BG10-../DPE09XB4	30	1000	1400
1.5	121	118	0.89	11.92	BG10-../DPE09XB4	30	1030	1440
1.5	109	131	0.84	13.21	BG10-../DPE09XB4	30	1070	1490
1.5	435	32.5	2.8	3.33	BG20-../DPE09XB4	32	1830	-
1.5	330	43	2.4	4.38	BG20-../DPE09XB4	32	1990	-
1.5	265	54	2.1	5.49	BG20-../DPE09XB4	32	2100	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

1.5 kW



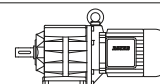
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
1.5	240	59	2.1	6.06	BG20-../DPE09XB4	32	2250	-
1.5	225	63	1.95	6.48	BG20-../DPE09XB4	32	2250	-
1.5	215	66	1.95	6.73	BG20-../DPE09XB4	32	2350	2100
1.5	179	80	1.7	8.02	BG20-../DPE09XB4	32	2500	-
1.5	174	82	1.5	8.29	BG20-../DPE09XB4	32	2250	-
1.5	162	88	1.65	8.91	BG20-../DPE09XB4	32	2600	-
1.5	149	96	1.25	9.65	BG20-../DPE09XB4	32	2250	-
1.5	137	104	1.5	10.54	BG20-../DPE09XB4	32	2700	-
1.5	123	116	1.35	11.71	BG20-../DPE09XB4	32	2800	-
1.5	109	131	1.25	13.21	BG20-../DPE09XB4	32	2900	-
1.5	98	146	1.2	14.67	BG20-../DPE09XB4	32	3050	-
1.5	93	154	1.15	15.58	BG20-../DPE09XB4	32	3100	-
1.5	83	172	1.05	17.31	BG20-../DPE09XB4	32	3200	-
1.5	72	198	0.98	19.95	BG20-../DPE09XB4	32	3350	-
1.5	65	220	0.91	22.16	BG20-../DPE09XB4	32	3500	-
1.5	62	230	0.87	23.22	BG20-../DPE09XB4	32	3550	-
1.5	215	66	3.3	6.75	BG30-../DPE09XB4	37	1760	-
1.5	192	74	3.1	7.50	BG30-../DPE09XB4	37	2750	-
1.5	182	78	2.8	7.91	BG30-../DPE09XB4	37	1760	-
1.5	167	85	2.9	8.60	BG30-../DPE09XB4	37	2800	-
1.5	151	94	2.7	9.55	BG30-../DPE09XB4	37	3000	-
1.5	135	106	2.5	10.65	BG30-../DPE09XB4	37	2950	-
1.5	122	117	2.3	11.82	BG30-../DPE09XB4	37	3200	-
1.5	105	136	2.2	13.77	BG30-../DPE09XB4	37	3150	-
1.5	94	152	1.95	15.27	BG30-../DPE09XB4	37	3450	-
1.5	85	168	1.8	17.06	BG30-../DPE09XB4	37	3700	-
1.5	76	188	1.6	18.93	BG30-../DPE09XB4	37	4100	-
1.5	72	198	1.5	19.99	BG30-../DPE09XB4	37	4200	-
1.5	65	220	1.35	22.18	BG30-../DPE09XB4	37	4600	-
1.5	57	250	1.2	25.45	BG30-../DPE09XB4	37	4850	-
1.5	51	280	1.05	28.24	BG30-../DPE09XB4	37	5100	-
1.5	48.5	295	1.0	29.83	BG30-../DPE09XB4	37	5200	-
1.5	43.5	325	0.92	33.09	BG30-../DPE09XB4	37	5400	-
1.5	41	345	0.87	35.17	BG30-../DPE09XB4	37	5500	-
1.5	160	89	3.3	9.00	BG40-../DPE09XB4	51	2650	-
1.5	112	127	3.2	12.86	BG40-../DPE09XB4	51	4500	-
1.5	101	141	3.0	14.28	BG40-../DPE09XB4	51	4900	-
1.5	88	162	2.6	16.39	BG40-../DPE09XB4	51	5300	-
1.5	79	181	2.3	18.19	BG40-../DPE09XB4	51	5600	-
1.5	73	196	2.2	19.84	BG40-../DPE09XB4	51	5800	-
1.5	66	215	2.0	22.02	BG40-../DPE09XB4	51	6000	-
1.5	62	230	1.85	23.43	BG40-../DPE09XB4	51	6200	-
1.5	56	255	1.65	26.01	BG40-../DPE09XB4	51	6500	-
1.5	49	290	1.45	29.34	BG40-../DPE09XB4	51	6800	-
1.5	44.5	320	1.35	32.57	BG40-../DPE09XB4	51	7000	-
1.5	42	340	1.25	34.20	BG40-../DPE09XB4	51	7000	-
1.5	38	375	1.15	37.96	BG40-../DPE09XB4	51	7000	-
1.5	36	395	1.1	40.19	BG40-../DPE09XB4	51	7000	-
1.5	32.5	440	0.97	44.62	BG40-../DPE09XB4	51	7000	-
1.5	30	475	0.89	48.36	BG40-../DPE09XB4	51	7000	-
1.5	27	530	0.8	53.69	BG40-../DPE09XB4	51	7000	-
1.5	66	215	2.9	21.96	BG50-../DPE09XB4	59	8000	-
1.5	59	240	2.6	24.34	BG50-../DPE09XB4	59	8700	-
1.5	48.5	295	2.1	29.62	BG50-../DPE09XB4	59	8000	-
1.5	44	325	1.95	32.84	BG50-../DPE09XB4	59	8700	-
1.5	38	375	1.7	37.89	BG50-../DPE09XB4	59	10000	-
1.5	34.5	415	1.5	42.00	BG50-../DPE09XB4	59	10000	-
1.5	31	460	1.35	47.02	BG50-../DPE09XB4	59	10000	-
1.5	28	510	1.25	52.12	BG50-../DPE09XB4	59	10000	-
1.5	24.5	580	1.1	59.42	BG50-../DPE09XB4	59	10000	-
1.5	22	650	0.97	65.86	BG50-../DPE09XB4	59	10000	-
1.5	20	710	0.89	71.97	BG50Z-../DPE09XB4	64	10000	-
1.5	18	790	0.8	79.78	BG50Z-../DPE09XB4	64	10000	-
1.5	37	385	3.1	38.85	BG60-../DPE09XB4	90	16000	-
1.5	33.5	425	2.8	43.05	BG60-../DPE09XB4	90	16000	-
1.5	29	490	2.4	50.31	BG60-../DPE09XB4	90	16000	-

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BG-series helical-geared motors

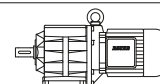
Selection helical-geared motors DPE - IE3

1.5 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
1.5	26	550	2.2	55.76	BG60-../DPE09XB4	90	16000	-
1.5	24	590	2.0	60.90	BG60-../DPE09XB4	90	16000	-
1.5	21.5	660	1.8	67.49	BG60-../DPE09XB4	90	16000	-
1.5	19	750	1.6	75.71	BG60Z-../DPE09XB4	109	16000	-
1.5	16	890	1.35	91.09	BG60Z-../DPE09XB4	109	16000	-
1.5	14.5	980	1.2	101.0	BG60Z-../DPE09XB4	109	16000	-
1.5	12.5	1140	1.05	119.2	BG60Z-../DPE09XB4	109	16000	-
1.5	11	1300	0.92	132.1	BG60Z-../DPE09XB4	109	16000	-
1.5	19.5	730	3.2	73.82	BG70Z-../DPE09XB4	149	20000	-
1.5	16.5	860	2.7	87.61	BG70Z-../DPE09XB4	149	20000	-
1.5	15	950	2.4	95.74	BG70Z-../DPE09XB4	149	20000	-
1.5	13	1100	2.1	113.6	BG70Z-../DPE09XB4	149	20000	-
1.5	12	1190	1.95	124.0	BG70Z-../DPE09XB4	149	20000	-
1.5	9.8	1460	1.6	147.2	BG70Z-../DPE09XB4	149	20000	-
1.5	8.8	1620	1.4	163.8	BG70Z-../DPE09XB4	149	20000	-
1.5	7.4	1930	1.2	194.4	BG70Z-../DPE09XB4	149	20000	-
1.5	6.9	2050	1.1	210.5	BG70Z-../DPE09XB4	149	20000	-
1.5	5.8	2450	0.94	249.8	BG70Z-../DPE09XB4	149	20000	-
1.5	5.7	2400	1.05	255.5	BG70G20-../DPE09XB4	146	20000	-
1.5	5.2	2600	0.96	276.7	BG70G20-../DPE09XB4	146	20000	-
1.5	4.4	3100	0.81	328.4	BG70G20-../DPE09XB4	146	20000	-
1.5	9.9	1440	2.9	145.4	BG80Z-../DPE09XB4	217	26000	-
1.5	8.9	1600	2.6	161.5	BG80Z-../DPE09XB4	217	26000	-
1.5	7.7	1860	2.3	186.8	BG80Z-../DPE09XB4	217	26000	-
1.5	7.0	2000	2.1	207.4	BG80Z-../DPE09XB4	217	26000	-
1.5	6.4	1950	2.4	227.2	BG80G40-../DPE09XB4	228	26000	-
1.5	5.7	2200	2.1	252.3	BG80G40-../DPE09XB4	228	26000	-
1.5	5.1	2500	1.85	282.8	BG80G40-../DPE09XB4	228	26000	-
1.5	4.6	2750	1.65	314.0	BG80G40-../DPE09XB4	228	26000	-
1.5	4.0	3200	1.45	360.0	BG80G40-../DPE09XB4	228	26000	-
1.5	3.6	3600	1.3	399.8	BG80G40-../DPE09XB4	228	26000	-
1.5	3.3	4000	1.15	436.2	BG80G40-../DPE09XB4	228	26000	-
1.5	3.0	4350	1.05	484.3	BG80G40-../DPE09XB4	228	26000	-
1.5	2.6	5100	0.9	572.0	BG80G40-../DPE09XB4	228	26000	-
1.5	4.0	3100	3.0	360.3	BG90G50-../DPE09XB4	338	65000	-
1.5	3.3	3950	2.3	435.8	BG90G50-../DPE09XB4	338	65000	-
1.5	2.9	4450	2.1	504.7	BG90G50-../DPE09XB4	338	65000	-
1.5	2.5	5100	1.8	588.8	BG90G50-../DPE09XB4	338	65000	-
1.5	2.3	5600	1.65	644.7	BG90G50-../DPE09XB4	338	65000	-
1.5	2.1	6100	1.5	714.2	BG90G50-../DPE09XB4	338	65000	-
1.5	1.7	7700	1.2	883.7	BG90G50-../DPE09XB4	338	65000	-
1.5	1.3	10300	0.89	1174	BG90G50-../DPE09XB4	338	65000	-
1.5	1.2	11200	0.82	1301	BG90G50-../DPE09XB4	338	65000	-
1.5	2.5	5700	3.2	591.1	BG100Z-../DPE09XB4	526	90000	-
1.5	2.2	6500	2.8	658.1	BG100Z-../DPE09XB4	526	90000	-
1.5	1.9	7500	2.5	759.0	BG100Z-../DPE09XB4	526	90000	-
1.5	1.7	8400	2.2	845.1	BG100Z-../DPE09XB4	526	90000	-
1.5	1.5	7900	2.3	976.1	BG100G50-../DPE09XB4	525	90000	-
1.5	1.4	8800	2.1	1043	BG100G50-../DPE09XB4	525	90000	-
1.5	1.2	10300	1.8	1204	BG100G50-../DPE09XB4	525	90000	-
1.5	1.0	12900	1.45	1444	BG100G50-../DPE09XB4	525	90000	-
1.5	0.9	14300	1.3	1678	BG100G50-../DPE09XB4	525	90000	-
1.5	0.8	16100	1.15	1867	BG100G50-../DPE09XB4	525	90000	-
1.5	0.7	18400	1.0	2154	BG100G50-../DPE09XB4	525	90000	-

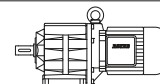
2.2 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
2.2	580	36	1.55	2.52	BG10-../DPE09XB4C	30	570	790
2.2	425	49	1.25	3.42	BG10-../DPE09XB4C	30	630	880
2.2	335	62	1.1	4.36	BG10-../DPE09XB4C	30	650	910

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3



2.2 kW

P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
2.2	275	76	0.99	5.34	BG10-../DPE09XB4C	30	620	910
2.2	215	97	0.91	6.89	BG10-../DPE09XB4C	30	850	1200
2.2	191	110	0.81	7.63	BG10-../DPE09XB4C	30	900	1250
2.2	580	36	2.3	2.52	BG20-../DPE09XB4C	32	1650	-
2.2	440	47.5	1.95	3.33	BG20-../DPE09XB4C	32	1830	-
2.2	335	62	1.7	4.38	BG20-../DPE09XB4C	32	1990	-
2.2	265	79	1.45	5.49	BG20-../DPE09XB4C	32	2100	-
2.2	240	87	1.45	6.06	BG20-../DPE09XB4C	32	2250	-
2.2	225	93	1.3	6.48	BG20-../DPE09XB4C	32	2250	-
2.2	220	95	1.35	6.73	BG20-../DPE09XB4C	32	2350	2100
2.2	181	116	1.2	8.02	BG20-../DPE09XB4C	32	2500	-
2.2	175	120	1.0	8.29	BG20-../DPE09XB4C	32	2250	-
2.2	163	128	1.1	8.91	BG20-../DPE09XB4C	32	2600	-
2.2	151	139	0.88	9.65	BG20-../DPE09XB4C	32	2250	-
2.2	138	152	1.0	10.54	BG20-../DPE09XB4C	32	2700	-
2.2	124	169	0.93	11.71	BG20-../DPE09XB4C	32	2800	-
2.2	110	191	0.87	13.21	BG20-../DPE09XB4C	32	2900	-
2.2	99	210	0.82	14.67	BG20-../DPE09XB4C	32	3050	-
2.2	94	220	0.8	15.58	BG20-../DPE09XB4C	32	3100	-
2.2	430	48.5	2.9	3.40	BG30-../DPE09XB4C	37	1580	-
2.2	345	60	2.9	4.21	BG30-../DPE09XB4C	37	1630	-
2.2	270	77	2.6	5.44	BG30-../DPE09XB4C	37	1670	-
2.2	215	97	2.3	6.76	BG30-../DPE09XB4C	37	2550	-
2.2	194	108	2.1	7.50	BG30-../DPE09XB4C	37	2750	-
2.2	184	114	1.9	7.91	BG30-../DPE09XB4C	37	1760	-
2.2	169	124	2.0	8.60	BG30-../DPE09XB4C	37	2800	-
2.2	152	138	1.85	9.55	BG30-../DPE09XB4C	37	3000	-
2.2	137	153	1.75	10.65	BG30-../DPE09XB4C	37	2950	-
2.2	123	170	1.6	11.82	BG30-../DPE09XB4C	37	3200	-
2.2	106	198	1.5	13.77	BG30-../DPE09XB4C	37	3150	-
2.2	95	220	1.35	15.27	BG30-../DPE09XB4C	37	3450	-
2.2	85	245	1.2	17.06	BG30-../DPE09XB4C	37	3700	-
2.2	77	270	1.1	18.93	BG30-../DPE09XB4C	37	4100	-
2.2	73	285	1.05	19.99	BG30-../DPE09XB4C	37	4200	-
2.2	66	315	0.95	22.18	BG30-../DPE09XB4C	37	4600	-
2.2	57	365	0.82	25.45	BG30-../DPE09XB4C	37	4850	-
2.2	235	89	3.3	6.29	BG40-../DPE09XB4C	51	2600	-
2.2	205	102	3.2	7.11	BG40-../DPE09XB4C	51	3950	-
2.2	191	110	2.7	7.62	BG40-../DPE09XB4C	51	2650	-
2.2	175	120	2.9	8.31	BG40-../DPE09XB4C	51	4100	-
2.2	162	129	2.3	9.00	BG40-../DPE09XB4C	51	2650	-
2.2	158	132	2.7	9.23	BG40-../DPE09XB4C	51	4350	-
2.2	141	149	2.5	10.35	BG40-../DPE09XB4C	51	4350	-
2.2	127	165	2.4	11.49	BG40-../DPE09XB4C	51	4600	-
2.2	113	185	2.2	12.86	BG40-../DPE09XB4C	51	4500	-
2.2	102	205	2.1	14.28	BG40-../DPE09XB4C	51	4900	-
2.2	89	235	1.8	16.39	BG40-../DPE09XB4C	51	5300	-
2.2	80	260	1.65	18.19	BG40-../DPE09XB4C	51	5600	-
2.2	74	280	1.5	19.84	BG40-../DPE09XB4C	51	5800	-
2.2	66	315	1.35	22.02	BG40-../DPE09XB4C	51	6000	-
2.2	62	335	1.25	23.43	BG40-../DPE09XB4C	51	6200	-
2.2	56	375	1.15	26.01	BG40-../DPE09XB4C	51	6500	-
2.2	49.5	420	1.0	29.34	BG40-../DPE09XB4C	51	6800	-
2.2	45	465	0.91	32.57	BG40-../DPE09XB4C	51	7000	-
2.2	42.5	490	0.87	34.20	BG40-../DPE09XB4C	51	7000	-
2.2	121	173	3.3	12.06	BG50-../DPE09XB4C	59	5700	-
2.2	109	192	3.1	13.36	BG50-../DPE09XB4C	59	6100	-
2.2	88	235	2.7	16.53	BG50-../DPE09XB4C	59	6500	-
2.2	80	260	2.4	18.33	BG50-../DPE09XB4C	59	7200	-
2.2	67	310	2.0	21.96	BG50-../DPE09XB4C	59	8000	-
2.2	60	350	1.8	24.34	BG50-../DPE09XB4C	59	8700	-
2.2	49	425	1.5	29.62	BG50-../DPE09XB4C	59	8000	-
2.2	44.5	470	1.35	32.84	BG50-../DPE09XB4C	59	8700	-
2.2	38.5	540	1.15	37.89	BG50-../DPE09XB4C	59	10000	-
2.2	35	600	1.05	42.00	BG50-../DPE09XB4C	59	10000	-
2.2	31	670	0.94	47.02	BG50-../DPE09XB4C	59	10000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

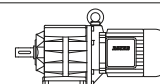
2.2 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
2.2	28	750	0.84	52.12	BG50-../DPE09XB4C	59	10000	-
2.2	49.5	420	2.9	29.31	BG60-../DPE09XB4C	90	14800	-
2.2	45	465	2.6	32.48	BG60-../DPE09XB4C	90	15400	-
2.2	37.5	560	2.1	38.85	BG60-../DPE09XB4C	90	16000	-
2.2	34	610	1.95	43.05	BG60-../DPE09XB4C	90	16000	-
2.2	29	720	1.65	50.31	BG60-../DPE09XB4C	90	16000	-
2.2	26.5	790	1.5	55.76	BG60-../DPE09XB4C	90	16000	-
2.2	24	870	1.4	60.90	BG60-../DPE09XB4C	90	16000	-
2.2	21.5	970	1.25	67.49	BG60-../DPE09XB4C	90	16000	-
2.2	19.5	1070	1.1	75.71	BG60Z-../DPE09XB4C	109	16000	-
2.2	16	1310	0.92	91.09	BG60Z-../DPE09XB4C	109	16000	-
2.2	14.5	1440	0.83	101.0	BG60Z-../DPE09XB4C	109	16000	-
2.2	29	720	3.2	50.40	BG70-../DPE09XB4C	128	20000	-
2.2	24.5	850	2.7	59.82	BG70-../DPE09XB4C	128	20000	-
2.2	22.5	930	2.5	64.85	BG70Z-../DPE09XB4C	149	20000	-
2.2	20	1050	2.2	73.82	BG70Z-../DPE09XB4C	149	20000	-
2.2	17	1230	1.85	87.61	BG70Z-../DPE09XB4C	149	20000	-
2.2	15.5	1350	1.7	95.74	BG70Z-../DPE09XB4C	149	20000	-
2.2	13	1610	1.45	113.6	BG70Z-../DPE09XB4C	149	20000	-
2.2	12	1750	1.3	124.0	BG70Z-../DPE09XB4C	149	20000	-
2.2	9.9	2100	1.1	147.2	BG70Z-../DPE09XB4C	149	20000	-
2.2	8.9	2350	0.98	163.8	BG70Z-../DPE09XB4C	149	20000	-
2.2	7.5	2800	0.82	194.4	BG70Z-../DPE09XB4C	149	20000	-
2.2	15.5	1350	3.1	93.89	BG80Z-../DPE09XB4C	217	26000	-
2.2	13	1610	2.6	112.4	BG80Z-../DPE09XB4C	217	26000	-
2.2	12	1750	2.4	124.8	BG80Z-../DPE09XB4C	217	26000	-
2.2	10	2100	2.0	145.4	BG80Z-../DPE09XB4C	217	26000	-
2.2	9.0	2300	1.85	161.5	BG80Z-../DPE09XB4C	217	26000	-
2.2	7.8	2650	1.6	186.8	BG80Z-../DPE09XB4C	217	26000	-
2.2	7.0	3000	1.4	207.4	BG80Z-../DPE09XB4C	217	26000	-
2.2	6.4	3000	1.55	227.2	BG80G40-../DPE09XB4C	228	26000	-
2.2	5.8	3300	1.4	252.3	BG80G40-../DPE09XB4C	228	26000	-
2.2	5.2	3700	1.25	282.8	BG80G40-../DPE09XB4C	228	26000	-
2.2	4.7	4100	1.1	314.0	BG80G40-../DPE09XB4C	228	26000	-
2.2	4.1	4750	0.97	360.0	BG80G40-../DPE09XB4C	228	26000	-
2.2	3.7	5300	0.87	399.8	BG80G40-../DPE09XB4C	228	26000	-
2.2	8.2	2550	3.3	178.5	BG90Z-../DPE09XB4C	327	65000	-
2.2	7.0	3000	2.8	208.3	BG90Z-../DPE09XB4C	327	65000	-
2.2	6.4	3250	2.6	228.1	BG90Z-../DPE09XB4C	327	65000	-
2.2	5.6	3300	2.8	262.5	BG90G50-../DPE09XB4C	338	65000	-
2.2	4.9	4000	2.3	298.8	BG90G50-../DPE09XB4C	338	65000	-
2.2	4.1	4600	2.0	360.3	BG90G50-../DPE09XB4C	338	65000	-
2.2	3.4	5700	1.6	435.8	BG90G50-../DPE09XB4C	338	65000	-
2.2	2.9	6700	1.35	504.7	BG90G50-../DPE09XB4C	338	65000	-
2.2	2.5	7800	1.2	588.8	BG90G50-../DPE09XB4C	338	65000	-
2.2	2.3	8500	1.1	644.7	BG90G50-../DPE09XB4C	338	65000	-
2.2	2.1	9300	0.99	714.2	BG90G50-../DPE09XB4C	338	65000	-
2.2	3.2	6500	2.8	456.7	BG100Z-../DPE09XB4C	526	90000	-
2.2	2.9	7200	2.6	508.5	BG100Z-../DPE09XB4C	526	90000	-
2.2	2.5	8400	2.2	591.1	BG100Z-../DPE09XB4C	526	90000	-
2.2	2.3	9100	2.0	658.1	BG100Z-../DPE09XB4C	526	90000	-
2.2	2.0	10500	1.75	759.0	BG100Z-../DPE09XB4C	526	90000	-
2.2	1.8	11600	1.6	845.1	BG100Z-../DPE09XB4C	526	90000	-
2.2	1.5	12400	1.5	976.1	BG100G50-../DPE09XB4C	525	90000	-
2.2	1.4	13600	1.35	1043	BG100G50-../DPE09XB4C	525	90000	-
2.2	1.3	14500	1.3	1204	BG100G50-../DPE09XB4C	525	90000	-
2.2	1.1	17700	1.05	1444	BG100G50-../DPE09XB4C	525	90000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3



3 kW

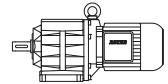
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
3	550	52	2.5	2.67	BG30-../DPE11LA4	58	1450	-
3	430	66	2.1	3.40	BG30-../DPE11LA4	58	1580	-
3	350	81	2.1	4.21	BG30-../DPE11LA4	58	1630	-
3	270	106	1.9	5.44	BG30-../DPE11LA4	58	1670	-
3	220	130	1.75	6.76	BG30-../DPE11LA4	58	2550	-
3	194	147	1.55	7.50	BG30-../DPE11LA4	58	2750	-
3	184	155	1.4	7.91	BG30-../DPE11LA4	58	1760	-
3	170	168	1.45	8.60	BG30-../DPE11LA4	58	2800	-
3	153	187	1.35	9.55	BG30-../DPE11LA4	58	3000	-
3	137	205	1.3	10.65	BG30-../DPE11LA4	58	2950	-
3	124	230	1.2	11.82	BG30-../DPE11LA4	58	3200	-
3	106	270	1.1	13.77	BG30-../DPE11LA4	58	3150	-
3	96	295	1.0	15.27	BG30-../DPE11LA4	58	3450	-
3	86	330	0.91	17.06	BG30-../DPE11LA4	58	3700	-
3	77	370	0.81	18.93	BG30-../DPE11LA4	58	4100	-
3	370	77	3.2	3.97	BG40-../DPE11LA4	77	2400	-
3	295	97	2.8	4.94	BG40-../DPE11LA4	77	2450	-
3	235	121	2.4	6.29	BG40-../DPE11LA4	77	2600	-
3	230	124	2.5	6.40	BG40-../DPE11LA4	77	3750	-
3	205	139	2.3	7.11	BG40-../DPE11LA4	77	3950	-
3	191	150	1.95	7.62	BG40-../DPE11LA4	77	2650	-
3	176	162	2.1	8.31	BG40-../DPE11LA4	77	4100	-
3	162	176	1.7	9.00	BG40-../DPE11LA4	77	2650	-
3	158	181	1.95	9.23	BG40-../DPE11LA4	77	4350	-
3	141	200	1.9	10.35	BG40-../DPE11LA4	77	4350	-
3	127	225	1.75	11.49	BG40-../DPE11LA4	77	4600	-
3	114	250	1.65	12.86	BG40-../DPE11LA4	77	4500	-
3	102	280	1.5	14.28	BG40-../DPE11LA4	77	4900	-
3	89	320	1.35	16.39	BG40-../DPE11LA4	77	5300	-
3	80	355	1.2	18.19	BG40-../DPE11LA4	77	5600	-
3	74	385	1.1	19.84	BG40-../DPE11LA4	77	5800	-
3	67	425	1.0	22.02	BG40-../DPE11LA4	77	6000	-
3	63	450	0.94	23.43	BG40-../DPE11LA4	77	6200	-
3	56	510	0.83	26.01	BG40-../DPE11LA4	77	6500	-
3	168	170	3.0	8.70	BG50-../DPE11LA4	86	5300	-
3	151	189	2.8	9.65	BG50-../DPE11LA4	86	5600	-
3	121	235	2.5	12.06	BG50-../DPE11LA4	86	5700	-
3	109	260	2.3	13.36	BG50-../DPE11LA4	86	6100	-
3	89	320	1.95	16.53	BG50-../DPE11LA4	86	6500	-
3	80	355	1.75	18.33	BG50-../DPE11LA4	86	7200	-
3	67	425	1.5	21.96	BG50-../DPE11LA4	86	8000	-
3	60	475	1.35	24.34	BG50-../DPE11LA4	86	8700	-
3	49.5	570	1.1	29.62	BG50-../DPE11LA4	86	8000	-
3	44.5	640	0.98	32.84	BG50-../DPE11LA4	86	8700	-
3	38.5	740	0.85	37.89	BG50-../DPE11LA4	86	10000	-
3	79	360	3.2	18.62	BG60-../DPE11LA4	119	12400	-
3	65	440	2.7	22.40	BG60-../DPE11LA4	119	13300	-
3	59	485	2.5	24.82	BG60-../DPE11LA4	119	13800	-
3	50	570	2.1	29.31	BG60-../DPE11LA4	119	14800	-
3	45	630	1.9	32.48	BG60-../DPE11LA4	119	15400	-
3	37.5	760	1.6	38.85	BG60-../DPE11LA4	119	16000	-
3	34	840	1.45	43.05	BG60-../DPE11LA4	119	16000	-
3	29	980	1.2	50.31	BG60-../DPE11LA4	119	16000	-
3	26.5	1080	1.1	55.76	BG60-../DPE11LA4	119	16000	-
3	24	1190	1.0	60.90	BG60-../DPE11LA4	119	16000	-
3	22	1300	0.92	67.49	BG60-../DPE11LA4	119	16000	-
3	21.5	1330	0.9	68.32	BG60Z-../DPE11LA4	135	16000	-
3	19.5	1460	0.82	75.71	BG60Z-../DPE11LA4	135	16000	-
3	41.5	690	3.3	35.24	BG70-../DPE11LA4	149	18300	-
3	37.5	760	3.0	39.22	BG70-../DPE11LA4	149	19100	-
3	31.5	900	2.6	46.54	BG70-../DPE11LA4	149	20000	-
3	29	980	2.3	50.40	BG70-../DPE11LA4	149	20000	-
3	24.5	1160	2.0	59.82	BG70-../DPE11LA4	149	20000	-
3	22.5	1270	1.8	64.85	BG70Z-../DPE11LA4	176	20000	-
3	20	1430	1.6	73.82	BG70Z-../DPE11LA4	176	20000	-
3	17	1680	1.35	87.61	BG70Z-../DPE11LA4	176	20000	-

6

BG-series helical-geared motors

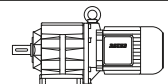
Selection helical-geared motors DPE - IE3

3 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
3	15.5	1840	1.25	95.74	BG70Z-../DPE11LA4	176	20000	-
3	13	2200	1.05	113.6	BG70Z-../DPE11LA4	176	20000	-
3	12	2350	0.98	124.0	BG70Z-../DPE11LA4	176	20000	-
3	9.9	2850	0.81	147.2	BG70Z-../DPE11LA4	176	20000	-
3	22	1300	3.2	66.40	BG80Z-../DPE11LA4	246	26000	-
3	20	1430	2.9	73.73	BG80Z-../DPE11LA4	246	26000	-
3	17.5	1630	2.6	84.55	BG80Z-../DPE11LA4	246	26000	-
3	15.5	1840	2.3	93.89	BG80Z-../DPE11LA4	246	26000	-
3	13	2200	1.9	112.4	BG80Z-../DPE11LA4	246	26000	-
3	12	2350	1.8	124.8	BG80Z-../DPE11LA4	246	26000	-
3	10.5	2700	1.55	145.4	BG80Z-../DPE11LA4	246	26000	-
3	9.1	3100	1.35	161.5	BG80Z-../DPE11LA4	246	26000	-
3	7.8	3650	1.15	186.8	BG80Z-../DPE11LA4	246	26000	-
3	7.1	4000	1.05	207.4	BG80Z-../DPE11LA4	246	26000	-
3	6.5	4100	1.1	227.2	BG80G40-../DPE11LA4	254	26000	-
3	5.8	4600	1.0	252.3	BG80G40-../DPE11LA4	254	26000	-
3	5.2	5200	0.88	282.8	BG80G40-../DPE11LA4	254	26000	-
3	4.7	5700	0.81	314.0	BG80G40-../DPE11LA4	254	26000	-
3	10.5	2700	3.1	139.2	BG90Z-../DPE11LA4	348	65000	-
3	9.0	3150	2.7	163.0	BG90Z-../DPE11LA4	348	65000	-
3	8.2	3450	2.4	178.5	BG90Z-../DPE11LA4	348	65000	-
3	7.0	4050	2.1	208.3	BG90Z-../DPE11LA4	348	65000	-
3	6.4	4450	1.9	228.1	BG90Z-../DPE11LA4	348	65000	-
3	5.6	4650	2.0	262.5	BG90G50-../DPE11LA4	365	65000	-
3	4.9	5500	1.65	298.8	BG90G50-../DPE11LA4	365	65000	-
3	4.1	6500	1.4	360.3	BG90G50-../DPE11LA4	365	65000	-
3	3.4	8000	1.15	435.8	BG90G50-../DPE11LA4	365	65000	-
3	2.9	9300	0.99	504.7	BG90G50-../DPE11LA4	365	65000	-
3	2.5	10800	0.85	588.8	BG90G50-../DPE11LA4	365	65000	-
3	4.9	5800	3.2	300.4	BG100Z-../DPE11LA4	555	90000	-
3	4.3	6600	2.8	343.6	BG100Z-../DPE11LA4	555	90000	-
3	3.9	7300	2.5	382.6	BG100Z-../DPE11LA4	555	90000	-
3	3.2	8900	2.1	456.7	BG100Z-../DPE11LA4	555	90000	-
3	2.9	9800	1.9	508.5	BG100Z-../DPE11LA4	555	90000	-
3	2.5	11400	1.6	591.1	BG100Z-../DPE11LA4	555	90000	-
3	2.3	12400	1.5	658.1	BG100Z-../DPE11LA4	555	90000	-
3	2.0	14300	1.3	759.0	BG100Z-../DPE11LA4	555	90000	-
3	1.8	15900	1.15	845.1	BG100Z-../DPE11LA4	555	90000	-
3	1.5	17500	1.05	976.1	BG100G50-../DPE11LA4	552	90000	-
3	1.4	19000	0.97	1043	BG100G50-../DPE11LA4	552	90000	-
3	1.3	20400	0.91	1204	BG100G50-../DPE11LA4	552	90000	-

4 kW

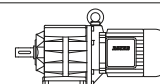


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
4	550	69	1.85	2.67	BG30-../DPE11LB4	58	1450	-
4	430	88	1.6	3.40	BG30-../DPE11LB4	58	1580	-
4	345	110	1.55	4.21	BG30-../DPE11LB4	58	1630	-
4	270	141	1.4	5.44	BG30-../DPE11LB4	58	1670	-
4	215	177	1.3	6.76	BG30-../DPE11LB4	58	2550	-
4	194	196	1.2	7.50	BG30-../DPE11LB4	58	2750	-
4	184	205	1.05	7.91	BG30-../DPE11LB4	58	1760	-
4	169	225	1.1	8.60	BG30-../DPE11LB4	58	2800	-
4	152	250	1.0	9.55	BG30-../DPE11LB4	58	3000	-
4	137	275	0.97	10.65	BG30-../DPE11LB4	58	2950	-
4	123	310	0.88	11.82	BG30-../DPE11LB4	58	3200	-
4	106	360	0.82	13.77	BG30-../DPE11LB4	58	3150	-
4	590	64	3.2	2.46	BG40-../DPE11LB4	77	2150	-
4	455	83	2.7	3.19	BG40-../DPE11LB4	77	2350	-
4	370	103	2.4	3.97	BG40-../DPE11LB4	77	2400	-
4	295	129	2.1	4.94	BG40-../DPE11LB4	77	2450	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

4 kW



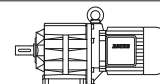
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
4	235	162	1.8	6.29	BG40-../DPE11LB4	77	2600	-
4	230	166	1.9	6.40	BG40-../DPE11LB4	77	3750	-
4	205	186	1.75	7.11	BG40-../DPE11LB4	77	3950	-
4	191	200	1.5	7.62	BG40-../DPE11LB4	77	2650	-
4	175	215	1.6	8.31	BG40-../DPE11LB4	77	4100	-
4	162	235	1.25	9.00	BG40-../DPE11LB4	77	2650	-
4	158	240	1.5	9.23	BG40-../DPE11LB4	77	4350	-
4	141	270	1.4	10.35	BG40-../DPE11LB4	77	4350	-
4	127	300	1.3	11.49	BG40-../DPE11LB4	77	4600	-
4	113	335	1.25	12.86	BG40-../DPE11LB4	77	4500	-
4	102	370	1.15	14.28	BG40-../DPE11LB4	77	4900	-
4	89	425	1.0	16.39	BG40-../DPE11LB4	77	5300	-
4	80	475	0.89	18.19	BG40-../DPE11LB4	77	5600	-
4	74	510	0.83	19.84	BG40-../DPE11LB4	77	5800	-
4	300	127	3.1	4.91	BG50-../DPE11LB4	86	3500	-
4	240	159	2.8	6.07	BG50-../DPE11LB4	86	4700	-
4	220	173	2.6	6.74	BG50-../DPE11LB4	86	3750	-
4	167	225	2.3	8.70	BG50-../DPE11LB4	86	5300	-
4	151	250	2.1	9.65	BG50-../DPE11LB4	86	5600	-
4	121	315	1.85	12.06	BG50-../DPE11LB4	86	5700	-
4	109	350	1.7	13.36	BG50-../DPE11LB4	86	6100	-
4	88	430	1.45	16.53	BG50-../DPE11LB4	86	6500	-
4	80	475	1.35	18.33	BG50-../DPE11LB4	86	7200	-
4	67	570	1.1	21.96	BG50-../DPE11LB4	86	8000	-
4	60	630	1.0	24.34	BG50-../DPE11LB4	86	8700	-
4	49	770	0.82	29.62	BG50-../DPE11LB4	86	8000	-
4	120	315	3.1	12.16	BG60-../DPE11LB4	119	10800	-
4	108	350	2.9	13.47	BG60-../DPE11LB4	119	11200	-
4	87	435	2.5	16.80	BG60-../DPE11LB4	119	12000	-
4	78	485	2.4	18.62	BG60-../DPE11LB4	119	12400	-
4	65	580	2.1	22.40	BG60-../DPE11LB4	119	13300	-
4	59	640	1.9	24.82	BG60-../DPE11LB4	119	13800	-
4	49.5	770	1.55	29.31	BG60-../DPE11LB4	119	14800	-
4	45	840	1.45	32.48	BG60-../DPE11LB4	119	15400	-
4	37.5	1010	1.2	38.85	BG60-../DPE11LB4	119	16000	-
4	34	1120	1.05	43.05	BG60-../DPE11LB4	119	16000	-
4	29	1310	0.92	50.31	BG60-../DPE11LB4	119	16000	-
4	26.5	1440	0.83	55.76	BG60-../DPE11LB4	119	16000	-
4	54	700	3.3	27.21	BG70-../DPE11LB4	149	16400	-
4	49	770	3.0	29.69	BG70-../DPE11LB4	149	16900	-
4	41.5	920	2.5	35.24	BG70-../DPE11LB4	149	18300	-
4	37	1030	2.2	39.22	BG70-../DPE11LB4	149	19100	-
4	31.5	1210	1.9	46.54	BG70-../DPE11LB4	149	20000	-
4	29	1310	1.75	50.40	BG70-../DPE11LB4	149	20000	-
4	24.5	1550	1.5	59.82	BG70-../DPE11LB4	149	20000	-
4	22.5	1690	1.35	64.85	BG70Z-../DPE11LB4	176	20000	-
4	20	1910	1.2	73.82	BG70Z-../DPE11LB4	176	20000	-
4	17	2200	1.05	87.61	BG70Z-../DPE11LB4	176	20000	-
4	15.5	2450	0.94	95.74	BG70Z-../DPE11LB4	176	20000	-
4	30	1270	3.3	48.80	BG80-../DPE11LB4	204	23800	-
4	25.5	1490	2.8	57.24	BG80-../DPE11LB4	204	25400	-
4	23	1660	2.5	63.56	BG80-../DPE11LB4	204	26000	-
4	22	1730	2.4	66.40	BG80Z-../DPE11LB4	246	26000	-
4	20	1910	2.2	73.73	BG80Z-../DPE11LB4	246	26000	-
4	17.5	2150	1.95	84.55	BG80Z-../DPE11LB4	246	26000	-
4	15.5	2450	1.7	93.89	BG80Z-../DPE11LB4	246	26000	-
4	13	2900	1.45	112.4	BG80Z-../DPE11LB4	246	26000	-
4	12	3150	1.35	124.8	BG80Z-../DPE11LB4	246	26000	-
4	10	3800	1.1	145.4	BG80Z-../DPE11LB4	246	26000	-
4	9.0	4200	1.0	161.5	BG80Z-../DPE11LB4	246	26000	-
4	7.8	4850	0.87	186.8	BG80Z-../DPE11LB4	246	26000	-
4	6.4	5600	0.82	227.2	BG80G40-../DPE11LB4	254	26000	-
4	14	2700	3.1	105.7	BG90Z-../DPE11LB4	348	65000	-
4	11.5	3300	2.5	127.1	BG90Z-../DPE11LB4	348	65000	-
4	10.5	3600	2.3	139.2	BG90Z-../DPE11LB4	348	65000	-

6

BG-series helical-geared motors

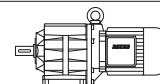
Selection helical-geared motors DPE - IE3

4 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
4	8.9	4250	2.0	163.0	BG90Z-../DPE11LB4	348	65000	-
4	8.2	4650	1.8	178.5	BG90Z-../DPE11LB4	348	65000	-
4	7.0	5400	1.55	208.3	BG90Z-../DPE11LB4	348	65000	-
4	6.4	5900	1.4	228.1	BG90Z-../DPE11LB4	348	65000	-
4	5.6	6300	1.45	262.5	BG90G50-../DPE11LB4	365	65000	-
4	4.9	7500	1.25	298.8	BG90G50-../DPE11LB4	365	65000	-
4	4.1	8800	1.05	360.3	BG90G50-../DPE11LB4	365	65000	-
4	3.4	10800	0.85	435.8	BG90G50-../DPE11LB4	365	65000	-
4	7.3	5200	3.2	198.8	BG100-../DPE11LB4	465	90000	-
4	6.3	6000	2.8	232.6	BG100-../DPE11LB4	465	90000	-
4	5.6	6800	2.5	259.0	BG100-../DPE11LB4	465	90000	-
4	5.4	7000	2.6	269.8	BG100Z-../DPE11LB4	555	90000	-
4	4.9	7700	2.4	300.4	BG100Z-../DPE11LB4	555	90000	-
4	4.3	8800	2.1	343.6	BG100Z-../DPE11LB4	555	90000	-
4	3.8	10000	1.85	382.6	BG100Z-../DPE11LB4	555	90000	-
4	3.2	11900	1.55	456.7	BG100Z-../DPE11LB4	555	90000	-
4	2.9	13100	1.4	508.5	BG100Z-../DPE11LB4	555	90000	-
4	2.5	15200	1.2	591.1	BG100Z-../DPE11LB4	555	90000	-
4	2.3	16600	1.1	658.1	BG100Z-../DPE11LB4	555	90000	-
4	2.0	19100	0.97	759.0	BG100Z-../DPE11LB4	555	90000	-
4	1.8	21200	0.87	845.1	BG100Z-../DPE11LB4	555	90000	-

5.5 kW

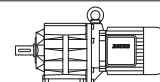


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
5.5	550	95	1.35	2.67	BG30-../DPE11LB4C	62	1450	-
5.5	435	120	1.15	3.40	BG30-../DPE11LB4C	62	1580	-
5.5	350	150	1.15	4.21	BG30-../DPE11LB4C	62	1630	-
5.5	270	194	1.05	5.44	BG30-../DPE11LB4C	62	1670	-
5.5	220	235	0.96	6.76	BG30-../DPE11LB4C	62	2550	-
5.5	196	265	0.87	7.50	BG30-../DPE11LB4C	62	2750	-
5.5	171	305	0.81	8.60	BG30-../DPE11LB4C	62	2800	-
5.5	600	87	2.3	2.46	BG40-../DPE11LB4C	81	2150	-
5.5	460	114	1.95	3.19	BG40-../DPE11LB4C	81	2350	-
5.5	370	141	1.75	3.97	BG40-../DPE11LB4C	81	2400	-
5.5	300	175	1.55	4.94	BG40-../DPE11LB4C	81	2450	-
5.5	235	220	1.35	6.29	BG40-../DPE11LB4C	81	2600	-
5.5	230	225	1.4	6.40	BG40-../DPE11LB4C	81	3750	-
5.5	210	250	1.3	7.11	BG40-../DPE11LB4C	81	3950	-
5.5	193	270	1.1	7.62	BG40-../DPE11LB4C	81	2650	-
5.5	177	295	1.15	8.31	BG40-../DPE11LB4C	81	4100	-
5.5	163	320	0.92	9.00	BG40-../DPE11LB4C	81	2650	-
5.5	159	330	1.1	9.23	BG40-../DPE11LB4C	81	4350	-
5.5	142	365	1.05	10.35	BG40-../DPE11LB4C	81	4350	-
5.5	128	410	0.95	11.49	BG40-../DPE11LB4C	81	4600	-
5.5	114	460	0.89	12.86	BG40-../DPE11LB4C	81	4500	-
5.5	103	500	0.84	14.28	BG40-../DPE11LB4C	81	4900	-
5.5	415	126	2.8	3.55	BG50-../DPE11LB4C	90	3300	-
5.5	300	175	2.3	4.91	BG50-../DPE11LB4C	90	3500	-
5.5	245	210	2.1	6.07	BG50-../DPE11LB4C	90	4700	-
5.5	220	235	1.9	6.74	BG50-../DPE11LB4C	90	3750	-
5.5	169	310	1.65	8.70	BG50-../DPE11LB4C	90	5300	-
5.5	152	345	1.5	9.65	BG50-../DPE11LB4C	90	5600	-
5.5	122	430	1.35	12.06	BG50-../DPE11LB4C	90	5700	-
5.5	110	475	1.25	13.36	BG50-../DPE11LB4C	90	6100	-
5.5	89	590	1.05	16.53	BG50-../DPE11LB4C	90	6500	-
5.5	80	650	0.97	18.33	BG50-../DPE11LB4C	90	7200	-
5.5	67	780	0.81	21.96	BG50-../DPE11LB4C	90	8000	-
5.5	215	240	3.3	6.88	BG60-../DPE11LB4C	123	8600	-
5.5	161	325	2.7	9.13	BG60-../DPE11LB4C	123	9800	-
5.5	145	360	2.5	10.12	BG60-../DPE11LB4C	123	10200	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

5.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
5.5	121	430	2.3	12.16	BG60-../DPE11LB4C	123	10800	-
5.5	109	480	2.1	13.47	BG60-../DPE11LB4C	123	11200	-
5.5	88	590	1.9	16.80	BG60-../DPE11LB4C	123	12000	-
5.5	79	660	1.75	18.62	BG60-../DPE11LB4C	123	12400	-
5.5	66	790	1.5	22.40	BG60-../DPE11LB4C	123	13300	-
5.5	60	870	1.4	24.82	BG60-../DPE11LB4C	123	13800	-
5.5	50	1050	1.15	29.31	BG60-../DPE11LB4C	123	14800	-
5.5	45.5	1150	1.05	32.48	BG60-../DPE11LB4C	123	15400	-
5.5	38	1380	0.87	38.85	BG60-../DPE11LB4C	123	16000	-
5.5	70	750	3.1	20.98	BG70-../DPE11LB4C	153	14600	-
5.5	64	820	2.8	22.92	BG70-../DPE11LB4C	153	15100	-
5.5	54	970	2.4	27.21	BG70-../DPE11LB4C	153	16400	-
5.5	49.5	1060	2.2	29.69	BG70-../DPE11LB4C	153	16900	-
5.5	42	1250	1.85	35.24	BG70-../DPE11LB4C	153	18300	-
5.5	37.5	1400	1.65	39.22	BG70-../DPE11LB4C	153	19100	-
5.5	31.5	1660	1.4	46.54	BG70-../DPE11LB4C	153	20000	-
5.5	29.5	1780	1.3	50.40	BG70-../DPE11LB4C	153	20000	-
5.5	24.5	2100	1.1	59.82	BG70-../DPE11LB4C	153	20000	-
5.5	23	2250	1.0	64.85	BG70Z-../DPE11LB4C	180	20000	-
5.5	20	2600	0.88	73.82	BG70Z-../DPE11LB4C	180	20000	-
5.5	39	1340	3.1	38.00	BG80-../DPE11LB4C	208	21300	-
5.5	33.5	1560	2.7	43.94	BG80-../DPE11LB4C	208	22600	-
5.5	30.5	1720	2.4	48.80	BG80-../DPE11LB4C	208	23800	-
5.5	26	2000	2.1	57.24	BG80-../DPE11LB4C	208	25400	-
5.5	23.5	2200	1.9	63.56	BG80-../DPE11LB4C	208	26000	-
5.5	22.5	2300	1.85	66.40	BG80Z-../DPE11LB4C	250	26000	-
5.5	20	2600	1.6	73.73	BG80Z-../DPE11LB4C	250	26000	-
5.5	17.5	3000	1.4	84.55	BG80Z-../DPE11LB4C	250	26000	-
5.5	16	3250	1.3	93.89	BG80Z-../DPE11LB4C	250	26000	-
5.5	13.5	3850	1.1	112.4	BG80Z-../DPE11LB4C	250	26000	-
5.5	12	4350	0.97	124.8	BG80Z-../DPE11LB4C	250	26000	-
5.5	10.5	5000	0.84	145.4	BG80Z-../DPE11LB4C	250	26000	-
5.5	19.5	2650	3.2	76.61	BG90Z-../DPE11LB4C	352	65000	-
5.5	17.5	3000	2.8	83.91	BG90Z-../DPE11LB4C	352	65000	-
5.5	15.5	3350	2.5	96.53	BG90Z-../DPE11LB4C	352	65000	-
5.5	14	3750	2.2	105.7	BG90Z-../DPE11LB4C	352	65000	-
5.5	12	4350	1.95	127.1	BG90Z-../DPE11LB4C	352	65000	-
5.5	11	4750	1.75	139.2	BG90Z-../DPE11LB4C	352	65000	-
5.5	9.0	5800	1.45	163.0	BG90Z-../DPE11LB4C	352	65000	-
5.5	8.3	6300	1.35	178.5	BG90Z-../DPE11LB4C	352	65000	-
5.5	7.1	7300	1.15	208.3	BG90Z-../DPE11LB4C	352	65000	-
5.5	6.5	8000	1.05	228.1	BG90Z-../DPE11LB4C	352	65000	-
5.5	5.6	8900	1.05	262.5	BG90G50-../DPE11LB4C	369	65000	-
5.5	5.0	10200	0.9	298.8	BG90G50-../DPE11LB4C	369	65000	-
5.5	9.5	5500	3.1	154.8	BG100-../DPE11LB4C	469	90000	-
5.5	8.3	6300	2.7	178.6	BG100-../DPE11LB4C	469	90000	-
5.5	7.4	7000	2.4	198.8	BG100-../DPE11LB4C	469	90000	-
5.5	6.3	8300	2.0	232.6	BG100-../DPE11LB4C	469	90000	-
5.5	5.7	9200	1.85	259.0	BG100-../DPE11LB4C	469	90000	-
5.5	5.5	9500	1.95	269.8	BG100Z-../DPE11LB4C	559	90000	-
5.5	4.9	10700	1.75	300.4	BG100Z-../DPE11LB4C	559	90000	-
5.5	4.3	12200	1.5	343.6	BG100Z-../DPE11LB4C	559	90000	-
5.5	3.9	13400	1.4	382.6	BG100Z-../DPE11LB4C	559	90000	-
5.5	3.3	15900	1.15	456.7	BG100Z-../DPE11LB4C	559	90000	-
5.5	2.9	18100	1.0	508.5	BG100Z-../DPE11LB4C	559	90000	-
5.5	2.5	21000	0.88	591.1	BG100Z-../DPE11LB4C	559	90000	-
5.5	2.3	22800	0.81	658.1	BG100Z-../DPE11LB4C	559	90000	-

6

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

7.5 kW



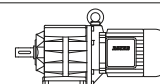
P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
7.5	600	119	2.6	2.47	BG50-../DPE13XA4	102	2900	-
7.5	415	172	2.0	3.55	BG50-../DPE13XA4	102	3300	-
7.5	300	235	1.7	4.91	BG50-../DPE13XA4	102	3500	-
7.5	245	290	1.55	6.07	BG50-../DPE13XA4	102	4700	-
7.5	220	325	1.4	6.74	BG50-../DPE13XA4	102	3750	-
7.5	168	425	1.2	8.70	BG50-../DPE13XA4	102	5300	-
7.5	152	470	1.1	9.65	BG50-../DPE13XA4	102	5600	-
7.5	122	580	0.99	12.06	BG50-../DPE13XA4	102	5700	-
7.5	110	650	0.91	13.36	BG50-../DPE13XA4	102	6100	-
7.5	295	240	2.9	4.98	BG60-../DPE13XA4	136	7800	-
7.5	240	295	2.6	6.16	BG60-../DPE13XA4	136	8500	-
7.5	215	330	2.4	6.88	BG60-../DPE13XA4	136	8600	-
7.5	160	445	2.0	9.13	BG60-../DPE13XA4	136	9800	-
7.5	145	490	1.85	10.12	BG60-../DPE13XA4	136	10200	-
7.5	121	590	1.7	12.16	BG60-../DPE13XA4	136	10800	-
7.5	109	650	1.55	13.47	BG60-../DPE13XA4	136	11200	-
7.5	87	820	1.35	16.80	BG60-../DPE13XA4	136	12000	-
7.5	79	900	1.25	18.62	BG60-../DPE13XA4	136	12400	-
7.5	66	1080	1.1	22.40	BG60-../DPE13XA4	136	13300	-
7.5	59	1210	0.99	24.82	BG60-../DPE13XA4	136	13800	-
7.5	50	1430	0.84	29.31	BG60-../DPE13XA4	136	14800	-
7.5	95	750	3.1	15.53	BG70-../DPE13XA4	166	12700	-
7.5	83	860	2.7	17.68	BG70-../DPE13XA4	166	13400	-
7.5	70	1020	2.3	20.98	BG70-../DPE13XA4	166	14600	-
7.5	64	1110	2.1	22.92	BG70-../DPE13XA4	166	15100	-
7.5	54	1320	1.75	27.21	BG70-../DPE13XA4	166	16400	-
7.5	49.5	1440	1.6	29.69	BG70-../DPE13XA4	166	16900	-
7.5	41.5	1720	1.35	35.24	BG70-../DPE13XA4	166	18300	-
7.5	37.5	1910	1.2	39.22	BG70-../DPE13XA4	166	19100	-
7.5	31.5	2250	1.0	46.54	BG70-../DPE13XA4	166	20000	-
7.5	29	2450	0.94	50.40	BG70-../DPE13XA4	166	20000	-
7.5	56	1270	3.3	26.44	BG80-../DPE13XA4	220	17900	-
7.5	50	1430	2.9	29.36	BG80-../DPE13XA4	220	18900	-
7.5	43	1660	2.5	34.22	BG80-../DPE13XA4	220	20200	-
7.5	38.5	1860	2.3	38.00	BG80-../DPE13XA4	220	21300	-
7.5	33.5	2100	2.0	43.94	BG80-../DPE13XA4	220	22600	-
7.5	30	2350	1.8	48.80	BG80-../DPE13XA4	220	23800	-
7.5	26	2750	1.55	57.24	BG80-../DPE13XA4	220	25400	-
7.5	23	3100	1.35	63.56	BG80-../DPE13XA4	220	26000	-
7.5	22	3250	1.3	66.40	BG80Z-../DPE13XA4	263	26000	-
7.5	20	3550	1.2	73.73	BG80Z-../DPE13XA4	263	26000	-
7.5	17.5	4050	1.05	84.55	BG80Z-../DPE13XA4	263	26000	-
7.5	16	4450	0.94	93.89	BG80Z-../DPE13XA4	263	26000	-
7.5	27.5	2600	3.2	53.46	BG90-../DPE13XA4	309	65000	-
7.5	26	2750	2.5	57.04	BG90Z-../DPE13XA4	365	65000	-
7.5	23.5	3000	2.5	62.47	BG90Z-../DPE13XA4	365	65000	-
7.5	19.5	3650	2.3	76.61	BG90Z-../DPE13XA4	365	65000	-
7.5	17.5	4050	2.1	83.91	BG90Z-../DPE13XA4	365	65000	-
7.5	15.5	4600	1.85	96.53	BG90Z-../DPE13XA4	365	65000	-
7.5	14	5100	1.65	105.7	BG90Z-../DPE13XA4	365	65000	-
7.5	11.5	6200	1.35	127.1	BG90Z-../DPE13XA4	365	65000	-
7.5	10.5	6800	1.25	139.2	BG90Z-../DPE13XA4	365	65000	-
7.5	9.0	7900	1.05	163.0	BG90Z-../DPE13XA4	365	65000	-
7.5	8.2	8700	0.97	178.5	BG90Z-../DPE13XA4	365	65000	-
7.5	7.1	10000	0.84	208.3	BG90Z-../DPE13XA4	365	65000	-
7.5	6.7	10300	0.89	219.9	BG90G50-../DPE13XA4	381	65000	-
7.5	14	5100	3.3	107.5	BG100-../DPE13XA4	481	90000	-
7.5	12.5	5700	2.9	119.7	BG100-../DPE13XA4	481	90000	-
7.5	10.5	6800	2.5	139.1	BG100-../DPE13XA4	481	90000	-
7.5	9.5	7500	2.2	154.8	BG100-../DPE13XA4	481	90000	-
7.5	8.2	8700	1.95	178.6	BG100-../DPE13XA4	481	90000	-
7.5	7.4	9600	1.75	198.8	BG100-../DPE13XA4	481	90000	-
7.5	6.3	11300	1.5	232.6	BG100-../DPE13XA4	481	90000	-
7.5	5.7	12500	1.35	259.0	BG100-../DPE13XA4	481	90000	-
7.5	5.5	13000	1.4	269.8	BG100Z-../DPE13XA4	572	90000	-

6

BG-series helical-geared motors

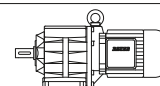
Selection helical-geared motors DPE - IE3

7.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
7.5	4.9	14600	1.25	300.4	BG100Z-../DPE13XA4	572	90000	-
7.5	4.3	16600	1.1	343.6	BG100Z-../DPE13XA4	572	90000	-
7.5	3.9	18300	1.0	382.6	BG100Z-../DPE13XA4	572	90000	-
7.5	3.2	22300	0.83	456.7	BG100Z-../DPE13XA4	572	90000	-

9.5 kW

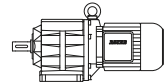


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
9.5	600	151	2.0	2.47	BG50-../DPE16LB4	138	2900	-
9.5	420	215	1.6	3.55	BG50-../DPE16LB4	138	3300	-
9.5	305	295	1.35	4.91	BG50-../DPE16LB4	138	3500	-
9.5	245	370	1.2	6.07	BG50-../DPE16LB4	138	4700	-
9.5	220	410	1.1	6.74	BG50-../DPE16LB4	138	3750	-
9.5	170	530	0.96	8.70	BG50-../DPE16LB4	138	5300	-
9.5	153	590	0.89	9.65	BG50-../DPE16LB4	138	5600	-
9.5	395	225	2.7	3.74	BG60-../DPE16LB4	172	7100	-
9.5	300	300	2.3	4.98	BG60-../DPE16LB4	172	7800	-
9.5	240	375	2.1	6.16	BG60-../DPE16LB4	172	8500	-
9.5	220	410	1.95	6.82	BG60-../DPE16LB4	172	8900	-
9.5	215	420	1.85	6.88	BG60-../DPE16LB4	172	8600	-
9.5	162	560	1.6	9.13	BG60-../DPE16LB4	172	9800	-
9.5	146	620	1.45	10.12	BG60-../DPE16LB4	172	10200	-
9.5	122	740	1.35	12.16	BG60-../DPE16LB4	172	10800	-
9.5	110	820	1.25	13.47	BG60-../DPE16LB4	172	11200	-
9.5	88	1030	1.1	16.80	BG60-../DPE16LB4	172	12000	-
9.5	80	1130	1.0	18.62	BG60-../DPE16LB4	172	12400	-
9.5	66	1370	0.88	22.40	BG60-../DPE16LB4	172	13300	-
9.5	124	730	3.2	11.97	BG70-../DPE16LB4	206	11200	-
9.5	113	800	2.9	13.08	BG70-../DPE16LB4	206	11600	-
9.5	95	950	2.4	15.53	BG70-../DPE16LB4	206	12700	-
9.5	84	1080	2.1	17.68	BG70-../DPE16LB4	206	13400	-
9.5	71	1270	1.8	20.98	BG70-../DPE16LB4	206	14600	-
9.5	65	1390	1.65	22.92	BG70-../DPE16LB4	206	15100	-
9.5	55	1640	1.4	27.21	BG70-../DPE16LB4	206	16400	-
9.5	50	1810	1.25	29.69	BG70-../DPE16LB4	206	16900	-
9.5	42	2150	1.05	35.24	BG70-../DPE16LB4	206	18300	-
9.5	38	2350	0.98	39.22	BG70-../DPE16LB4	206	19100	-
9.5	32	2800	0.82	46.54	BG70-../DPE16LB4	206	20000	-
9.5	67	1350	3.1	22.09	BG80-../DPE16LB4	256	16500	-
9.5	56	1620	2.6	26.44	BG80-../DPE16LB4	256	17900	-
9.5	51	1770	2.4	29.36	BG80-../DPE16LB4	256	18900	-
9.5	43.5	2050	2.0	34.22	BG80-../DPE16LB4	256	20200	-
9.5	39	2300	1.85	38.00	BG80-../DPE16LB4	256	21300	-
9.5	34	2650	1.6	43.94	BG80-../DPE16LB4	256	22600	-
9.5	30.5	2950	1.4	48.80	BG80-../DPE16LB4	256	23800	-
9.5	26	3450	1.2	57.24	BG80-../DPE16LB4	256	25400	-
9.5	23.5	3850	1.1	63.56	BG80-../DPE16LB4	256	26000	-
9.5	22.5	4000	1.05	66.40	BG80Z-../DPE16LB4	299	26000	-
9.5	20.5	4400	0.95	73.73	BG80Z-../DPE16LB4	299	26000	-
9.5	17.5	5100	0.82	84.55	BG80Z-../DPE16LB4	299	26000	-
9.5	35.5	2550	3.3	41.85	BG90-../DPE16LB4	346	65000	-
9.5	30.5	2950	2.8	48.82	BG90-../DPE16LB4	346	65000	-
9.5	28	3200	2.6	53.46	BG90-../DPE16LB4	346	65000	-
9.5	26	3450	1.95	57.04	BG90Z-../DPE16LB4	405	65000	-
9.5	24	3750	2.0	62.47	BG90Z-../DPE16LB4	405	65000	-
9.5	19.5	4650	1.8	76.61	BG90Z-../DPE16LB4	405	65000	-
9.5	18	5000	1.7	83.91	BG90Z-../DPE16LB4	405	65000	-
9.5	15.5	5800	1.45	96.53	BG90Z-../DPE16LB4	405	65000	-
9.5	14	6400	1.3	105.7	BG90Z-../DPE16LB4	405	65000	-
9.5	12	7500	1.1	127.1	BG90Z-../DPE16LB4	405	65000	-
9.5	11	8200	1.0	139.2	BG90Z-../DPE16LB4	405	65000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

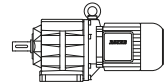
9.5 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
9.5	9.1	9900	0.85	163.0	BG90Z-../DPE16LB4	405	65000	-
9.5	16.5	5400	3.1	90.02	BG100-../DPE16LB4	516	90000	-
9.5	14	6400	2.6	107.5	BG100-../DPE16LB4	516	90000	-
9.5	12.5	7200	2.3	119.7	BG100-../DPE16LB4	516	90000	-
9.5	11	8200	2.0	139.1	BG100-../DPE16LB4	516	90000	-
9.5	9.6	9400	1.8	154.8	BG100-../DPE16LB4	516	90000	-
9.5	8.3	10900	1.55	178.6	BG100-../DPE16LB4	516	90000	-
9.5	7.5	12000	1.4	198.8	BG100-../DPE16LB4	516	90000	-
9.5	6.4	14100	1.2	232.6	BG100-../DPE16LB4	516	90000	-
9.5	5.7	15900	1.05	259.0	BG100-../DPE16LB4	516	90000	-
9.5	5.5	16400	1.15	269.8	BG100Z-../DPE16LB4	608	90000	-
9.5	5.0	18100	1.0	300.4	BG100Z-../DPE16LB4	608	90000	-
9.5	4.3	21000	0.88	343.6	BG100Z-../DPE16LB4	608	90000	-
9.5	3.9	23200	0.8	382.6	BG100Z-../DPE16LB4	608	90000	-

6

11 kW

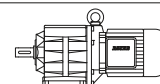


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
11	600	175	1.75	2.47	BG50-../DPE16LB4	138	2900	-
11	420	250	1.4	3.55	BG50-../DPE16LB4	138	3300	-
11	305	340	1.15	4.91	BG50-../DPE16LB4	138	3500	-
11	245	425	1.05	6.07	BG50-../DPE16LB4	138	4700	-
11	220	475	0.95	6.74	BG50-../DPE16LB4	138	3750	-
11	170	610	0.83	8.70	BG50-../DPE16LB4	138	5300	-
11	590	178	3.0	2.52	BG60-../DPE16LB4	172	6200	-
11	395	265	2.3	3.74	BG60-../DPE16LB4	172	7100	-
11	300	350	1.95	4.98	BG60-../DPE16LB4	172	7800	-
11	240	435	1.75	6.16	BG60-../DPE16LB4	172	8500	-
11	220	475	1.7	6.82	BG60-../DPE16LB4	172	8900	-
11	215	485	1.6	6.88	BG60-../DPE16LB4	172	8600	-
11	162	640	1.4	9.13	BG60-../DPE16LB4	172	9800	-
11	146	710	1.3	10.12	BG60-../DPE16LB4	172	10200	-
11	122	860	1.15	12.16	BG60-../DPE16LB4	172	10800	-
11	110	950	1.05	13.47	BG60-../DPE16LB4	172	11200	-
11	88	1190	0.93	16.80	BG60-../DPE16LB4	172	12000	-
11	80	1310	0.87	18.62	BG60-../DPE16LB4	172	12400	-
11	147	710	3.2	10.09	BG70-../DPE16LB4	206	10200	-
11	124	840	2.7	11.97	BG70-../DPE16LB4	206	11200	-
11	113	920	2.5	13.08	BG70-../DPE16LB4	206	11600	-
11	95	1100	2.1	15.53	BG70-../DPE16LB4	206	12700	-
11	84	1250	1.85	17.68	BG70-../DPE16LB4	206	13400	-
11	71	1470	1.55	20.98	BG70-../DPE16LB4	206	14600	-
11	65	1610	1.45	22.92	BG70-../DPE16LB4	206	15100	-
11	55	1910	1.2	27.21	BG70-../DPE16LB4	206	16400	-
11	50	2100	1.1	29.69	BG70-../DPE16LB4	206	16900	-
11	42	2500	0.92	35.24	BG70-../DPE16LB4	206	18300	-
11	38	2750	0.84	39.22	BG70-../DPE16LB4	206	19100	-
11	75	1400	3.0	19.89	BG80-../DPE16LB4	256	15500	-
11	67	1560	2.7	22.09	BG80-../DPE16LB4	256	16500	-
11	56	1870	2.2	26.44	BG80-../DPE16LB4	256	17900	-
11	51	2050	2.0	29.36	BG80-../DPE16LB4	256	18900	-
11	43.5	2400	1.75	34.22	BG80-../DPE16LB4	256	20200	-
11	39	2650	1.6	38.00	BG80-../DPE16LB4	256	21300	-
11	34	3050	1.4	43.94	BG80-../DPE16LB4	256	22600	-
11	30.5	3400	1.25	48.80	BG80-../DPE16LB4	256	23800	-
11	26	4000	1.05	57.24	BG80-../DPE16LB4	256	25400	-
11	23.5	4450	0.94	63.56	BG80-../DPE16LB4	256	26000	-
11	22.5	4650	0.9	66.40	BG80Z-../DPE16LB4	299	26000	-
11	20.5	5100	0.82	73.73	BG80Z-../DPE16LB4	299	26000	-
11	39	2650	3.2	38.21	BG90-../DPE16LB4	346	65000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

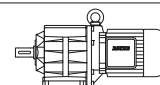
11 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
11	35.5	2950	2.8	41.85	BG90-../DPE16LB4	346	65000	-
11	30.5	3400	2.5	48.82	BG90-../DPE16LB4	346	65000	-
11	28	3750	2.2	53.46	BG90-../DPE16LB4	346	65000	-
11	26	4000	1.7	57.04	BG90Z-../DPE16LB4	405	65000	-
11	24	4350	1.7	62.47	BG90Z-../DPE16LB4	405	65000	-
11	19.5	5300	1.6	76.61	BG90Z-../DPE16LB4	405	65000	-
11	18	5800	1.45	83.91	BG90Z-../DPE16LB4	405	65000	-
11	15.5	6700	1.25	96.53	BG90Z-../DPE16LB4	405	65000	-
11	14	7500	1.1	105.7	BG90Z-../DPE16LB4	405	65000	-
11	12	8700	0.97	127.1	BG90Z-../DPE16LB4	405	65000	-
11	11	9500	0.88	139.2	BG90Z-../DPE16LB4	405	65000	-
11	21	5000	3.2	70.69	BG100-../DPE16LB4	516	90000	-
11	18.5	5600	3.0	80.85	BG100-../DPE16LB4	516	90000	-
11	16.5	6300	2.7	90.02	BG100-../DPE16LB4	516	90000	-
11	14	7500	2.2	107.5	BG100-../DPE16LB4	516	90000	-
11	12.5	8400	2.0	119.7	BG100-../DPE16LB4	516	90000	-
11	11	9500	1.75	139.1	BG100-../DPE16LB4	516	90000	-
11	9.6	10900	1.55	154.8	BG100-../DPE16LB4	516	90000	-
11	8.3	12600	1.35	178.6	BG100-../DPE16LB4	516	90000	-
11	7.5	14000	1.2	198.8	BG100-../DPE16LB4	516	90000	-
11	6.4	16400	1.0	232.6	BG100-../DPE16LB4	516	90000	-
11	5.7	18400	0.91	259.0	BG100-../DPE16LB4	516	90000	-
11	5.5	19100	0.97	269.8	BG100Z-../DPE16LB4	608	90000	-
11	5.0	21000	0.88	300.4	BG100Z-../DPE16LB4	608	90000	-

6

15 kW

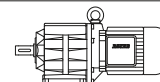


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
15	600	235	1.3	2.47	BG50-../DPE16XB4	148	2900	-
15	420	340	1.0	3.55	BG50-../DPE16XB4	148	3300	-
15	305	465	0.86	4.91	BG50-../DPE16XB4	148	3500	-
15	590	240	2.2	2.52	BG60-../DPE16XB4	182	6200	-
15	395	360	1.7	3.74	BG60-../DPE16XB4	182	7100	-
15	300	475	1.45	4.98	BG60-../DPE16XB4	182	7800	-
15	240	590	1.3	6.16	BG60-../DPE16XB4	182	8500	-
15	220	650	1.25	6.82	BG60-../DPE16XB4	182	8900	-
15	215	660	1.2	6.88	BG60-../DPE16XB4	182	8600	-
15	162	880	1.0	9.13	BG60-../DPE16XB4	182	9800	-
15	146	980	0.93	10.12	BG60-../DPE16XB4	182	10200	-
15	122	1170	0.85	12.16	BG60-../DPE16XB4	182	10800	-
15	210	680	3.2	7.14	BG70-../DPE16XB4	216	8800	-
15	174	820	2.8	8.48	BG70-../DPE16XB4	216	9500	-
15	147	970	2.4	10.09	BG70-../DPE16XB4	216	10200	-
15	124	1150	2.0	11.97	BG70-../DPE16XB4	216	11200	-
15	113	1260	1.85	13.08	BG70-../DPE16XB4	216	11600	-
15	95	1500	1.55	15.53	BG70-../DPE16XB4	216	12700	-
15	84	1700	1.35	17.68	BG70-../DPE16XB4	216	13400	-
15	71	2000	1.15	20.98	BG70-../DPE16XB4	216	14600	-
15	65	2200	1.05	22.92	BG70-../DPE16XB4	216	15100	-
15	55	2600	0.88	27.21	BG70-../DPE16XB4	216	16400	-
15	50	2850	0.81	29.69	BG70-../DPE16XB4	216	16900	-
15	95	1500	2.8	15.62	BG80-../DPE16XB4	266	13700	-
15	86	1660	2.5	17.35	BG80-../DPE16XB4	266	14600	-
15	75	1910	2.2	19.89	BG80-../DPE16XB4	266	15500	-
15	67	2100	2.0	22.09	BG80-../DPE16XB4	266	16500	-
15	56	2550	1.65	26.44	BG80-../DPE16XB4	266	17900	-
15	51	2800	1.5	29.36	BG80-../DPE16XB4	266	18900	-
15	43.5	3250	1.3	34.22	BG80-../DPE16XB4	266	20200	-
15	39	3650	1.15	38.00	BG80-../DPE16XB4	266	21300	-
15	34	4200	1.0	43.94	BG80-../DPE16XB4	266	22600	-
15	30.5	4650	0.9	48.80	BG80-../DPE16XB4	266	23800	-

BG-series helical-geared motors

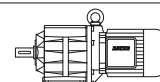
Selection helical-geared motors DPE - IE3

15 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
15	50	2850	2.9	29.78	BG90-../DPE16XB4	356	65000	-
15	45.5	3100	2.7	32.62	BG90-../DPE16XB4	356	65000	-
15	39	3650	2.3	38.21	BG90-../DPE16XB4	356	65000	-
15	35.5	4000	2.1	41.85	BG90-../DPE16XB4	356	65000	-
15	30.5	4650	1.8	48.82	BG90-../DPE16XB4	356	65000	-
15	28	5100	1.65	53.46	BG90-../DPE16XB4	356	65000	-
15	26	5500	1.25	57.04	BG90Z-../DPE16XB4	415	65000	-
15	24	5900	1.25	62.47	BG90Z-../DPE16XB4	415	65000	-
15	19.5	7300	1.15	76.61	BG90Z-../DPE16XB4	415	65000	-
15	18	7900	1.05	83.91	BG90Z-../DPE16XB4	415	65000	-
15	15.5	9200	0.91	96.53	BG90Z-../DPE16XB4	415	65000	-
15	14	10200	0.82	105.7	BG90Z-../DPE16XB4	415	65000	-
15	32	4450	3.2	46.43	BG100-../DPE16XB4	526	90000	-
15	29	4900	2.9	51.70	BG100-../DPE16XB4	526	90000	-
15	23.5	6000	2.6	63.49	BG100-../DPE16XB4	526	90000	-
15	21	6800	2.3	70.69	BG100-../DPE16XB4	526	90000	-
15	18.5	7700	2.1	80.85	BG100-../DPE16XB4	526	90000	-
15	16.5	8600	1.95	90.02	BG100-../DPE16XB4	526	90000	-
15	14	10200	1.65	107.5	BG100-../DPE16XB4	526	90000	-
15	12.5	11400	1.45	119.7	BG100-../DPE16XB4	526	90000	-
15	11	13000	1.3	139.1	BG100-../DPE16XB4	526	90000	-
15	9.6	14900	1.15	154.8	BG100-../DPE16XB4	526	90000	-
15	8.3	17200	0.98	178.6	BG100-../DPE16XB4	526	90000	-
15	7.5	19100	0.88	198.8	BG100-../DPE16XB4	526	90000	-

18.5 kW

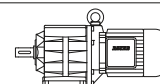


P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [—]					
18.5	600	290	1.05	2.47	BG50-../DPE18LB4	200	2900	-
18.5	420	420	0.83	3.55	BG50-../DPE18LB4	200	3300	-
18.5	590	295	1.8	2.52	BG60-../DPE18LB4	229	6200	-
18.5	400	440	1.4	3.74	BG60-../DPE18LB4	229	7100	-
18.5	300	580	1.2	4.98	BG60-../DPE18LB4	229	7800	-
18.5	220	800	0.98	6.88	BG60-../DPE18LB4	229	8600	-
18.5	163	1080	0.82	9.13	BG60-../DPE18LB4	229	9800	-
18.5	300	580	2.6	4.95	BG70-../DPE18LB4	257	6900	-
18.5	255	690	2.5	5.87	BG70-../DPE18LB4	257	8200	-
18.5	210	840	2.6	7.14	BG70-../DPE18LB4	257	8800	-
18.5	175	1000	2.3	8.48	BG70-../DPE18LB4	257	9500	-
18.5	147	1200	1.9	10.09	BG70-../DPE18LB4	257	10200	-
18.5	124	1420	1.6	11.97	BG70-../DPE18LB4	257	11200	-
18.5	114	1540	1.5	13.08	BG70-../DPE18LB4	257	11600	-
18.5	96	1840	1.25	15.53	BG70-../DPE18LB4	257	12700	-
18.5	84	2100	1.1	17.68	BG70-../DPE18LB4	257	13400	-
18.5	71	2450	0.94	20.98	BG70-../DPE18LB4	257	14600	-
18.5	65	2700	0.85	22.92	BG70-../DPE18LB4	257	15100	-
18.5	130	1350	3.1	11.43	BG80-../DPE18LB4	311	11600	-
18.5	117	1510	2.8	12.69	BG80-../DPE18LB4	311	12400	-
18.5	95	1850	2.3	15.62	BG80-../DPE18LB4	311	13700	-
18.5	86	2050	2.0	17.35	BG80-../DPE18LB4	311	14600	-
18.5	75	2350	1.8	19.89	BG80-../DPE18LB4	311	15500	-
18.5	67	2600	1.6	22.09	BG80-../DPE18LB4	311	16500	-
18.5	56	3150	1.35	26.44	BG80-../DPE18LB4	311	17900	-
18.5	51	3450	1.2	29.36	BG80-../DPE18LB4	311	18900	-
18.5	43.5	4050	1.05	34.22	BG80-../DPE18LB4	311	20200	-
18.5	39	4500	0.93	38.00	BG80-../DPE18LB4	311	21300	-
18.5	34	5100	0.82	43.94	BG80-../DPE18LB4	311	22600	-
18.5	66	2650	3.2	22.62	BG90-../DPE18LB4	402	65000	-
18.5	60	2900	2.9	24.78	BG90-../DPE18LB4	402	65000	-
18.5	50	3500	2.4	29.78	BG90-../DPE18LB4	402	65000	-

BG-series helical-geared motors

Selection helical-geared motors DPE - IE3

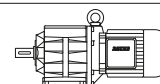
18.5 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
18.5	45.5	3850	2.2	32.62	BG90-../DPE18LB4	402	65000	-
18.5	39	4500	1.85	38.21	BG90-../DPE18LB4	402	65000	-
18.5	35.5	4950	1.7	41.85	BG90-../DPE18LB4	402	65000	-
18.5	30.5	5700	1.45	48.82	BG90-../DPE18LB4	402	65000	-
18.5	28	6300	1.35	53.46	BG90-../DPE18LB4	402	65000	-
18.5	26	6700	1.0	57.04	BG90Z-../DPE18LB4	456	65000	-
18.5	24	7300	1.05	62.47	BG90Z-../DPE18LB4	456	65000	-
18.5	19.5	9000	0.93	76.61	BG90Z-../DPE18LB4	456	65000	-
18.5	18	9800	0.86	83.91	BG90Z-../DPE18LB4	456	65000	-
18.5	44	4000	3.2	33.71	BG100-../DPE18LB4	572	88500	-
18.5	39.5	4450	3.0	37.54	BG100-../DPE18LB4	572	90000	-
18.5	32	5500	2.6	46.43	BG100-../DPE18LB4	572	90000	-
18.5	29	6000	2.4	51.70	BG100-../DPE18LB4	572	90000	-
18.5	23.5	7500	2.1	63.49	BG100-../DPE18LB4	572	90000	-
18.5	21	8400	1.9	70.69	BG100-../DPE18LB4	572	90000	-
18.5	18.5	9500	1.75	80.85	BG100-../DPE18LB4	572	90000	-
18.5	16.5	10700	1.55	90.02	BG100-../DPE18LB4	572	90000	-
18.5	14	12600	1.35	107.5	BG100-../DPE18LB4	572	90000	-
18.5	12.5	14100	1.2	119.7	BG100-../DPE18LB4	572	90000	-
18.5	11	16000	1.05	139.1	BG100-../DPE18LB4	572	90000	-
18.5	9.6	18400	0.91	154.8	BG100-../DPE18LB4	572	90000	-

6

22 kW

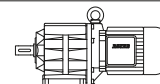


P _N [kW]	n ₂ [1/min]	50 Hz		i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
22	600	350	0.87	2.47	BG50-../DPE18XB4	218	2900	-
22	590	355	1.5	2.52	BG60-../DPE18XB4	247	6200	-
22	395	530	1.15	3.74	BG60-../DPE18XB4	247	7100	-
22	300	700	0.98	4.98	BG60-../DPE18XB4	247	7800	-
22	215	970	0.8	6.88	BG60-../DPE18XB4	247	8600	-
22	300	700	2.1	4.95	BG70-../DPE18XB4	275	6900	-
22	255	820	2.1	5.87	BG70-../DPE18XB4	275	8200	-
22	210	1000	2.2	7.14	BG70-../DPE18XB4	275	8800	-
22	174	1200	1.9	8.48	BG70-../DPE18XB4	275	9500	-
22	147	1420	1.6	10.09	BG70-../DPE18XB4	275	10200	-
22	124	1690	1.35	11.97	BG70-../DPE18XB4	275	11200	-
22	113	1850	1.25	13.08	BG70-../DPE18XB4	275	11600	-
22	95	2200	1.05	15.53	BG70-../DPE18XB4	275	12700	-
22	84	2500	0.92	17.68	BG70-../DPE18XB4	275	13400	-
22	250	840	3.2	5.94	BG80-../DPE18XB4	329	8300	-
22	225	930	3.2	6.60	BG80-../DPE18XB4	329	9100	-
22	178	1180	3.2	8.30	BG80-../DPE18XB4	329	10400	-
22	161	1300	3.0	9.21	BG80-../DPE18XB4	329	10800	-
22	130	1610	2.6	11.43	BG80-../DPE18XB4	329	11600	-
22	117	1790	2.3	12.69	BG80-../DPE18XB4	329	12400	-
22	95	2200	1.9	15.62	BG80-../DPE18XB4	329	13700	-
22	86	2400	1.75	17.35	BG80-../DPE18XB4	329	14600	-
22	75	2800	1.5	19.89	BG80-../DPE18XB4	329	15500	-
22	67	3100	1.35	22.09	BG80-../DPE18XB4	329	16500	-
22	56	3750	1.1	26.44	BG80-../DPE18XB4	329	17900	-
22	51	4100	1.0	29.36	BG80-../DPE18XB4	329	18900	-
22	43.5	4800	0.88	34.22	BG80-../DPE18XB4	329	20200	-
22	83	2500	3.3	17.96	BG90-../DPE18XB4	420	59800	-
22	75	2800	3.0	19.67	BG90-../DPE18XB4	420	62400	-
22	66	3150	2.7	22.62	BG90-../DPE18XB4	420	65000	-
22	60	3500	2.4	24.78	BG90-../DPE18XB4	420	65000	-
22	50	4200	2.0	29.78	BG90-../DPE18XB4	420	65000	-
22	45.5	4600	1.85	32.62	BG90-../DPE18XB4	420	65000	-
22	39	5300	1.6	38.21	BG90-../DPE18XB4	420	65000	-
22	35.5	5900	1.4	41.85	BG90-../DPE18XB4	420	65000	-

BG-series helical-geared motors

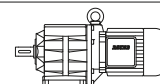
Selection helical-geared motors DPE - IE3

22 kW



P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
22	30.5	6800	1.25	48.82	BG90-../DPE18XB4	420	65000	-
22	28	7500	1.1	53.46	BG90-../DPE18XB4	420	65000	-
22	26	8000	0.85	57.04	BG90Z-../DPE18XB4	474	65000	-
22	24	8700	0.86	62.47	BG90Z-../DPE18XB4	474	65000	-
22	44	4750	2.7	33.71	BG100-../DPE18XB4	590	88500	-
22	39.5	5300	2.5	37.54	BG100-../DPE18XB4	590	90000	-
22	32	6500	2.2	46.43	BG100-../DPE18XB4	590	90000	-
22	29	7200	2.0	51.70	BG100-../DPE18XB4	590	90000	-
22	23.5	8900	1.75	63.49	BG100-../DPE18XB4	590	90000	-
22	21	10000	1.6	70.69	BG100-../DPE18XB4	590	90000	-
22	18.5	11300	1.45	80.85	BG100-../DPE18XB4	590	90000	-
22	16.5	12700	1.3	90.02	BG100-../DPE18XB4	590	90000	-
22	14	15000	1.1	107.5	BG100-../DPE18XB4	590	90000	-
22	12.5	16800	1.0	119.7	BG100-../DPE18XB4	590	90000	-
22	11	19100	0.88	139.1	BG100-../DPE18XB4	590	90000	-

30 kW



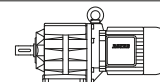
P _N [kW]	50 Hz			i [:1]	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
	n ₂ [1/min]	M ₂ [Nm]	f _B [-]					
30	300	950	1.55	4.95	BG70-../DPE20XA4	430	6900	-
30	255	1120	1.55	5.87	BG70-../DPE20XA4	430	8200	-
30	210	1360	1.6	7.14	BG70-../DPE20XA4	430	8800	-
30	175	1630	1.4	8.48	BG70-../DPE20XA4	430	9500	-
30	147	1940	1.2	10.09	BG70-../DPE20XA4	430	10200	-
30	124	2300	1.0	11.97	BG70-../DPE20XA4	430	11200	-
30	114	2500	0.92	13.08	BG70-../DPE20XA4	430	11600	-
30	250	1140	2.3	5.94	BG80-../DPE20XA4	482	8300	-
30	225	1270	2.3	6.60	BG80-../DPE20XA4	482	9100	-
30	179	1600	2.4	8.30	BG80-../DPE20XA4	482	10400	-
30	161	1770	2.2	9.21	BG80-../DPE20XA4	482	10800	-
30	130	2200	1.9	11.43	BG80-../DPE20XA4	482	11600	-
30	117	2400	1.75	12.69	BG80-../DPE20XA4	482	12400	-
30	95	3000	1.4	15.62	BG80-../DPE20XA4	482	13700	-
30	86	3300	1.25	17.35	BG80-../DPE20XA4	482	14600	-
30	75	3800	1.1	19.89	BG80-../DPE20XA4	482	15500	-
30	67	4250	0.99	22.09	BG80-../DPE20XA4	482	16500	-
30	56	5100	0.82	26.44	BG80-../DPE20XA4	482	17900	-
30	136	2100	3.3	10.90	BG90-../DPE20XA4	574	52300	-
30	111	2550	2.9	13.37	BG90-../DPE20XA4	574	55000	-
30	102	2800	2.8	14.64	BG90-../DPE20XA4	574	57000	-
30	83	3450	2.4	17.96	BG90-../DPE20XA4	574	59800	-
30	76	3750	2.2	19.67	BG90-../DPE20XA4	574	62400	-
30	66	4300	1.95	22.62	BG90-../DPE20XA4	574	65000	-
30	60	4750	1.75	24.78	BG90-../DPE20XA4	574	65000	-
30	50	5700	1.45	29.78	BG90-../DPE20XA4	574	65000	-
30	45.5	6200	1.35	32.62	BG90-../DPE20XA4	574	65000	-
30	39	7300	1.15	38.21	BG90-../DPE20XA4	574	65000	-
30	35.5	8000	1.05	41.85	BG90-../DPE20XA4	574	65000	-
30	30.5	9300	0.9	48.82	BG90-../DPE20XA4	574	65000	-
30	28	10200	0.82	53.46	BG90-../DPE20XA4	574	65000	-
30	119	2400	3.0	12.45	BG100-../DPE20XA4	743	72100	-
30	86	3300	3.1	17.39	BG100-../DPE20XA4	743	82400	-
30	62	4600	2.4	23.95	BG100-../DPE20XA4	743	87900	-
30	44	6500	2.0	33.71	BG100-../DPE20XA4	743	88500	-
30	39.5	7200	1.85	37.54	BG100-../DPE20XA4	743	90000	-
30	32	8900	1.6	46.43	BG100-../DPE20XA4	743	90000	-
30	29	9800	1.45	51.70	BG100-../DPE20XA4	743	90000	-
30	23.5	12100	1.25	63.49	BG100-../DPE20XA4	743	90000	-
30	21	13600	1.15	70.69	BG100-../DPE20XA4	743	90000	-
30	18.5	15400	1.05	80.85	BG100-../DPE20XA4	743	90000	-
30	16.5	17300	0.97	90.02	BG100-../DPE20XA4	743	90000	-

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BG-series helical-geared motors

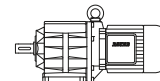
Selection helical-geared motors DPE - IE3

30 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
30	14	20400	0.82	107.5	BG100-../DPE20XA4	743	90000	-

37 kW



P _N [kW]	n ₂ [1/min]	50 Hz		i	Type	m [kg]	F _{RN} [N]	F _{RV} [N]
		M ₂ [Nm]	f _B [—]					
37	300	1170	1.3	4.95	BG70-../DPE22MA4	486	6900	-
37	255	1380	1.25	5.87	BG70-../DPE22MA4	486	8200	-
37	210	1680	1.3	7.14	BG70-../DPE22MA4	486	8800	-
37	175	2000	1.15	8.48	BG70-../DPE22MA4	486	9500	-
37	250	1410	1.9	5.94	BG80-../DPE22MA4	538	8300	-
37	225	1570	1.9	6.60	BG80-../DPE22MA4	538	9100	-
37	179	1970	1.9	8.30	BG80-../DPE22MA4	538	10400	-
37	161	2150	1.85	9.21	BG80-../DPE22MA4	538	10800	-
37	130	2700	1.55	11.43	BG80-../DPE22MA4	538	11600	-
37	117	3000	1.4	12.69	BG80-../DPE22MA4	538	12400	-
37	95	3700	1.15	15.62	BG80-../DPE22MA4	538	13700	-
37	86	4100	1.0	17.35	BG80-../DPE22MA4	538	14600	-
37	186	1890	3.3	7.97	BG90-../DPE22MA4	630	47900	-
37	149	2350	2.9	9.95	BG90-../DPE22MA4	630	50500	-
37	136	2550	2.7	10.90	BG90-../DPE22MA4	630	52300	-
37	111	3150	2.4	13.37	BG90-../DPE22MA4	630	55000	-
37	102	3450	2.2	14.64	BG90-../DPE22MA4	630	57000	-
37	83	4250	1.95	17.96	BG90-../DPE22MA4	630	59800	-
37	76	4600	1.85	19.67	BG90-../DPE22MA4	630	62400	-
37	66	5300	1.6	22.62	BG90-../DPE22MA4	630	65000	-
37	60	5800	1.45	24.78	BG90-../DPE22MA4	630	65000	-
37	50	7000	1.2	29.78	BG90-../DPE22MA4	630	65000	-
37	45.5	7700	1.1	32.62	BG90-../DPE22MA4	630	65000	-
37	119	2950	2.5	12.45	BG100-../DPE22MA4	799	72100	-
37	86	4100	2.5	17.39	BG100-../DPE22MA4	799	82400	-
37	62	5600	2.0	23.95	BG100-../DPE22MA4	799	87900	-
37	44	8000	1.6	33.71	BG100-../DPE22MA4	799	88500	-
37	39.5	8900	1.5	37.54	BG100-../DPE22MA4	799	90000	-
37	32	11000	1.3	46.43	BG100-../DPE22MA4	799	90000	-
37	29	12100	1.2	51.70	BG100-../DPE22MA4	799	90000	-
37	23.5	15000	1.05	63.49	BG100-../DPE22MA4	799	90000	-

