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BS-series worm-geared motors - Selection

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Energy Efficient Geared Motors

AC Line Operated

BS-series worm-geared motors

Description of worm-gear units

Sizes

Bauer BS-series worm-geared motors are normally supplied in eight frame sizes and with torques of 25 to 1,000 Nm. Higher torques are available on request. The gear unit is accommodated in a sturdy cast housing.

Efficiency

The efficiency of worm-geared motors depends on numerous factors, including lubrication, extent of wear, temperature and vibration. Calculated efficiency, therefore, is merely a guideline value. Please consult BAUER and state the boundary conditions if efficiency or self-locking capability are important factors for your application.

Bauer service factors (f_b) for worm-geared motors

Worm gears transmit torque by sliding friction only, which means that losses and temperature are inevitably higher than with helical-gear arrangements.

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

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

These factors can be represented in a simplified and practical manner by **service factors**. The tables and explanations below attempt to provide an objective description of the **shock classification**, rather than a classification of the driven machinery. Experience has shown that, in addition to the torque shocks caused by the driven machinery (M_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.

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 ≤ 10 min	≤ 1 h	> 1 h	> 4 h	> 8 h	> 16 h
			≤ 4 h	≤ 8 h	≤ 16 h	≤ 24 h
I	0,7	0,8	0,9	1,0	1,25	1,4
II	0,9	1,0	1,12	1,25	1,6	1,8
III	1,25	1,4	1,6	1,8	2,2	2,5

BS-series worm-geared motors

Description of worm-gear units

Switching duty

Factor f_2 or shock classification and switching frequency

Switching frequency in single- shift operation $t_d \leq 8 \text{ h/d}$

Shock classification	$1 < Z \leq 100$	$100 < Z \leq 1000$	$1000 < Z$
I	1,25	1,4	1,6
II	1,6	1,8	2,0
III	1,8	2,0	2,2

Switching frequency in multiple- shift operation $t_d > 8 \text{ h/d}$

Shock classification	$1 < Z \leq 100$	$100 < Z \leq 1000$	$1000 < Z$
I	1,4	1,6	1,8
II	1,8	2,0	2,2
III	2,0	2,2	2,5

Ambient temperature

Factor f_3 for increased ambient temperature

AT	-10°C .. +25°C	>25°C	>30°C	>35°C	>40°C	>45°C	>50°C	>55°C
	no Factor	1,1	1,2	1,3	1,4	1,5	1,6	Enquiry

Bauer service factor

Bauer service factor f_B = maximum value f_1 , f_2 , f_3 (at daily operating hours > 1h)

For example: Shock classification II for $Z = 100$ switching operations per hour and multiple-shift operation yields a service factor $f_B = f_2 = 1,8$

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:

- $1,3 < FI \leq 2$
- $1 \leq M_x/M_N \leq 1,4$
- Shock-neutral power transmission components (e.g. gear wheels, zero- playrigid coupling or resilient coupling with $\varphi N < 5^\circ$)

Shock classification III:

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

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

BS-series worm-geared motors

Description of worm-gear units

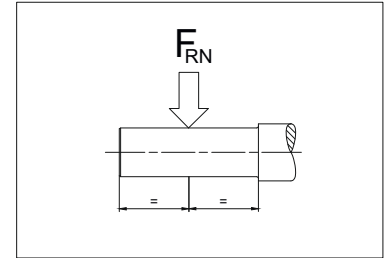
Key to abbreviations

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
UT	Ambient temperature ($^{\circ}\text{C}$)

Selection tables, worm-geared motors

Key to abbreviations

P	Rated output
n_2	Rated speed of the output shaft
i	Gear reduction ratio
M_2	Rated torque at the output shaft
f_B	Bauer Service factor
F_{RN}	Maximum permissible radial force with standard solid shaft (Code -.1 und -.2)



Use the selection tables to determine the size of geared motor required. The codes clearly define the Type of gear unit and output shaft (see chapter 13 "dimensional drawings worm-geared motors").

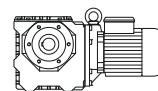
Motor power overload protection

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).

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

0.03 kW



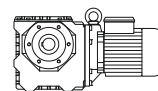
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.03	75	2.8	8.9	18.00	BS02-../D04LA4	3.5	1250	-
0.03	62	3.2	7.8	22.00	BS02-../D04LA4	3.5	1250	-
0.03	50	3.6	6.9	27.00	BS02-../D04LA4	3.5	1250	-
0.03	41	4.15	6.0	33.00	BS02-../D04LA4	3.5	1250	-
0.03	31.5	5.6	4.3	43.00	BS02-../D04LA4	3.5	1250	-
0.03	25	6.5	3.4	54.00	BS02-../D04LA4	3.5	1250	-
0.03	19.5	7.4	2.7	70.00	BS02-../D04LA4	3.5	1250	-
0.03	14.5	11.6	3.3	93.92	BS04-../D04LA4	3.9	2250	-
0.03	13.5	13.5	2.8	102.9	BS04-../D04LA4	3.9	2250	-
0.03	12	13.6	2.8	117.0	BS04-../D04LA4	3.9	2250	-
0.03	11	16.4	2.5	123.0	BS04-../D04LA4	3.9	2250	-
0.03	9.8	18.1	2.3	138.4	BS04-../D04LA4	3.9	2250	-
0.03	9.0	17.5	2.2	150.3	BS04-../D04LA4	3.9	2250	-
0.03	8.5	20.5	1.8	160.1	BS04-../D04LA4	3.9	2250	-
0.03	7.8	19.8	2.0	174.0	BS04-../D04LA4	3.9	2250	-
0.03	6.2	24	1.65	220.0	BS04-../D04LA4	3.9	2250	-
0.03	5.4	27.5	1.5	251.6	BS04-../D04LA4	3.9	2250	-
0.03	4.5	32	1.35	300.7	BS04-../D04LA4	3.9	2250	-
0.03	4.0	35.5	1.25	338.3	BS04-../D04LA4	3.9	2250	-
0.03	3.5	40	1.15	391.3	BS04-../D04LA4	3.9	2250	-
0.03	3.6	56	1.7	381.5	BS06G04-../D04LA4	11	3500	-
0.03	2.9	70	1.35	474.8	BS06G04-../D04LA4	11	3500	-
0.03	2.5	79	1.25	552.6	BS06G04-../D04LA4	11	3500	-
0.03	2.3	88	1.05	610.7	BS06G04-../D04LA4	11	3500	-
0.03	2.0	101	0.93	704.7	BS06G04-../D04LA4	11	3500	-
0.03	1.6	94*	1.0	847.0	BS06G04-../D04LA4	11	3500	-
0.03	1.5	94*	1.0	939.6	BS06G04-../D04LA4	11	3500	-
0.03	1.2	94*	1.0	1170	BS06G04-../D04LA4	11	3500	-
0.03	0.9	94*	1.0	1503	BS06G04-../D04LA4	11	3500	-
0.03	0.85	94*	1.0	1654	BS06G04-../D04LA4	11	3500	-
0.03	0.75	94*	1.0	1914	BS06G04-../D04LA4	11	3500	-
0.03	0.65	94*	1.0	2200	BS06G04-../D04LA4	11	3500	-
0.03	0.49	94*	1.0	2768	BS06G04-../D04LA4	11	3500	-
0.03	0.45	94*	1.0	3007	BS06G04-../D04LA4	11	3500	-
0.03	0.41	94*	1.0	3308	BS06G04-../D04LA4	11	3500	-
0.03	0.37	94*	1.0	3721	BS06G04-../D04LA4	11	3500	-
0.03	0.32	94*	1.0	4304	BS06G04-../D04LA4	11	3500	-
0.03	0.28	98*	1.0	4947	BS06G04-../D04LA4	11	3500	-
0.03	0.25	98*	1.0	5442	BS06G04-../D04LA4	11	3500	-
0.03	0.22	100*	1.0	6234	BS06G04-../D04LA4	11	3500	-
0.03	5.4	30.5	3.2	252.0	BS06-../D04LA4	8.4	3500	-
0.03	4.3	37.5	2.8	315.3	BS06-../D04LA4	8.4	3500	-
0.03	3.8	42	2.6	358.9	BS06-../D04LA4	8.4	3500	-
0.03	3.3	47.5	2.3	418.0	BS06-../D04LA4	8.4	3500	-
0.03	2.5	67	2.8	544.8	BS10Z-../D04LA4	21	6000	-
0.03	2.2	72	2.6	638.7	BS10Z-../D04LA4	21	6000	-
0.03	1.8	85	2.1	788.7	BS10Z-../D04LA4	21	6000	-
0.03	1.5	101	1.55	905.6	BS10Z-../D04LA4	21	6000	-
0.03	1.4	130	1.25	969.9	BS10G06-../D04LA4	25	6000	-
0.03	1.2	152	1.05	1166	BS10G06-../D04LA4	25	6000	-
0.03	1.1	166	0.96	1342	BS10G06-../D04LA4	25	6000	-
0.03	0.9	160*	1.0	1528	BS10G06-../D04LA4	25	6000	-
0.03	0.85	160*	1.0	1668	BS10G06-../D04LA4	25	6000	-
0.03	0.7	160*	1.0	1963	BS10G06-../D04LA4	25	6000	-
0.03	0.6	160*	1.0	2348	BS10G06-../D04LA4	25	6000	-
0.03	0.55	160*	1.0	2635	BS10G06-../D04LA4	25	6000	-
0.03	0.47	160*	1.0	2875	BS10G06-../D04LA4	25	6000	-
0.03	0.41	160*	1.0	3332	BS10G06-../D04LA4	25	6000	-
0.03	0.38	160*	1.0	3635	BS10G06-../D04LA4	25	6000	-
0.03	0.33	160*	1.0	4163	BS10G06-../D04LA4	25	6000	-
0.03	0.29	160*	1.0	4776	BS10G06-../D04LA4	25	6000	-
0.03	0.26	160*	1.0	5209	BS10G06-../D04LA4	25	6000	-
0.03	0.23	164*	1.0	6019	BS10G06-../D04LA4	25	6000	-
0.03	0.21	164*	1.0	6565	BS10G06-../D04LA4	25	6000	-
0.03	0.19	164*	1.0	7471	BS10G06-../D04LA4	25	6000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

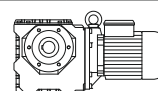
0.03 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.03	0.16	164*	1.0	8703	BS10G06-../D04LA4	25	6000	-
0.03	1.7	111	2.4	831.7	BS20G06-../D04LA4	35	8000	-
0.03	1.4	135	2.0	1000	BS20G06-../D04LA4	35	8000	-
0.03	1.1	171	1.6	1311	BS20G06-../D04LA4	35	8000	-
0.03	0.9	210	1.3	1543	BS20G06-../D04LA4	35	8000	-
0.03	0.85	220	1.25	1683	BS20G06-../D04LA4	35	8000	-
0.03	0.7	270*	1.0	2014	BS20G06-../D04LA4	35	8000	-
0.03	0.55	270*	1.0	2465	BS20G06-../D04LA4	35	8000	-
0.03	0.48	270*	1.0	2857	BS20G06-../D04LA4	35	8000	-
0.03	0.44	270*	1.0	3117	BS20G06-../D04LA4	35	8000	-
0.03	0.38	270*	1.0	3570	BS20G06-../D04LA4	35	8000	-
0.03	0.33	270*	1.0	4096	BS20G06-../D04LA4	35	8000	-
0.03	0.28	270*	1.0	4910	BS20G06-../D04LA4	35	8000	-
0.03	0.23	270*	1.0	5880	BS20G06-../D04LA4	35	8000	-
0.03	0.19	275*	1.0	7363	BS20G06-../D04LA4	35	8000	-
0.03	0.17	275*	1.0	8031	BS20G06-../D04LA4	35	8000	-
0.03	0.15	280*	1.0	9220	BS20G06-../D04LA4	35	8000	-
0.03	1.2	164	3.0	1176	BS30G06-../D04LA4	53	10000	-
0.03	0.95	205	2.4	1461	BS30G06-../D04LA4	53	10000	-
0.03	0.9	215	2.3	1576	BS30G06-../D04LA4	53	10000	-
0.03	0.75	260	1.9	1886	BS30G06-../D04LA4	53	10000	-
0.03	0.6	325	1.5	2308	BS30G06-../D04LA4	53	10000	-
0.03	0.55	355	1.4	2518	BS30G06-../D04LA4	53	10000	-
0.03	0.47	420	1.15	2919	BS30G06-../D04LA4	53	10000	-
0.03	0.41	480	1.0	3344	BS30G06-../D04LA4	53	10000	-
0.03	0.38	490*	1.0	3647	BS30G06-../D04LA4	53	10000	-
0.03	0.33	490*	1.0	4184	BS30G06-../D04LA4	53	10000	-
0.03	0.28	510*	1.0	4905	BS30G06-../D04LA4	53	10000	-
0.03	0.24	520*	1.0	5783	BS30G06-../D04LA4	53	10000	-
0.03	0.22	520*	1.0	6308	BS30G06-../D04LA4	53	10000	-
0.03	0.19	520*	1.0	7179	BS30G06-../D04LA4	53	10000	-
0.03	0.17	520*	1.0	8362	BS30G06-../D04LA4	53	10000	-

9

0.04 kW



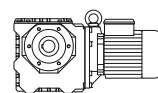
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.04	127	2.45	10	10.67	BS02-../D04LA4	3.5	1250	-
0.04	100	2.95	8.5	13.50	BS02-../D04LA4	3.5	1250	-
0.04	75	3.75	6.7	18.00	BS02-../D04LA4	3.5	1250	-
0.04	62	4.3	5.8	22.00	BS02-../D04LA4	3.5	1250	-
0.04	50	4.8	5.2	27.00	BS02-../D04LA4	3.5	1250	-
0.04	41	5.5	4.5	33.00	BS02-../D04LA4	3.5	1250	-
0.04	31.5	7.5	3.2	43.00	BS02-../D04LA4	3.5	1250	-
0.04	25	8.7	2.5	54.00	BS02-../D04LA4	3.5	1250	-
0.04	19.5	9.9	2.0	70.00	BS02-../D04LA4	3.5	1250	-
0.04	21.5	11.1	3.2	64.06	BS04-../D04LA4	3.9	2250	-
0.04	19	13.2	2.9	71.18	BS04-../D04LA4	3.9	2250	-
0.04	18	12.9	2.9	77.00	BS04-../D04LA4	3.9	2250	-
0.04	14.5	15.5	2.5	93.92	BS04-../D04LA4	3.9	2250	-
0.04	13.5	18.1	2.1	102.9	BS04-../D04LA4	3.9	2250	-
0.04	12	18.1	2.1	117.0	BS04-../D04LA4	3.9	2250	-
0.04	11	21.5	1.9	123.0	BS04-../D04LA4	3.9	2250	-
0.04	9.8	24	1.75	138.4	BS04-../D04LA4	3.9	2250	-
0.04	9.0	23	1.7	150.3	BS04-../D04LA4	3.9	2250	-
0.04	8.5	27	1.35	160.1	BS04-../D04LA4	3.9	2250	-
0.04	7.8	26	1.55	174.0	BS04-../D04LA4	3.9	2250	-
0.04	6.2	32.5	1.25	220.0	BS04-../D04LA4	3.9	2250	-
0.04	5.4	36.5	1.1	251.6	BS04-../D04LA4	3.9	2250	-
0.04	4.5	43	1.0	300.7	BS04-../D04LA4	3.9	2250	-
0.04	4.0	47.5	0.93	338.3	BS04-../D04LA4	3.9	2250	-
0.04	3.5	53	0.85	391.3	BS04-../D04LA4	3.9	2250	-

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

BS-series worm-geared motors

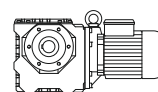
Selection - worm-geared motors DSE - IE1

0.04 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.04	3.6	75	1.25	381.5	BS06G04-../D04LA4	11	3500	-
0.04	2.9	93	1.0	474.8	BS06G04-../D04LA4	11	3500	-
0.04	2.5	105	0.95	552.6	BS06G04-../D04LA4	11	3500	-
0.04	2.3	117	0.8	610.7	BS06G04-../D04LA4	11	3500	-
0.04	7.9	30.5	2.9	171.0	BS06-../D04LA4	8.4	3500	-
0.04	6.2	36	2.7	220.0	BS06-../D04LA4	8.4	3500	-
0.04	5.4	41	2.4	252.0	BS06-../D04LA4	8.4	3500	-
0.04	4.3	50	2.1	315.3	BS06-../D04LA4	8.4	3500	-
0.04	3.8	56	1.95	358.9	BS06-../D04LA4	8.4	3500	-
0.04	3.3	63	1.75	418.0	BS06-../D04LA4	8.4	3500	-
0.04	3.8	62	3.1	360.3	BS10Z-../D04LA4	21	6000	-
0.04	3.2	72	2.6	432.4	BS10Z-../D04LA4	21	6000	-
0.04	2.5	90	2.1	544.8	BS10Z-../D04LA4	21	6000	-
0.04	2.2	97	1.95	638.7	BS10Z-../D04LA4	21	6000	-
0.04	1.8	114	1.6	788.7	BS10Z-../D04LA4	21	6000	-
0.04	1.5	134	1.2	905.6	BS10Z-../D04LA4	21	6000	-
0.04	1.4	174	0.92	969.9	BS10G06-../D04LA4	25	6000	-
0.04	1.2	200	0.8	1166	BS10G06-../D04LA4	25	6000	-
0.04	1.8	114	2.7	763.4	BS20Z-../D04LA4	32	8000	-
0.04	1.7	148	1.8	831.7	BS20G06-../D04LA4	35	8000	-
0.04	1.4	180	1.5	1000	BS20G06-../D04LA4	35	8000	-
0.04	1.1	225	1.2	1311	BS20G06-../D04LA4	35	8000	-
0.04	1.4	188	2.6	1022	BS30G06-../D04LA4	53	10000	-
0.04	1.2	215	2.3	1176	BS30G06-../D04LA4	53	10000	-
0.04	0.95	275	1.8	1461	BS30G06-../D04LA4	53	10000	-
0.04	0.9	290	1.7	1576	BS30G06-../D04LA4	53	10000	-
0.04	0.75	350	1.4	1886	BS30G06-../D04LA4	53	10000	-
0.04	0.6	435	1.15	2308	BS30G06-../D04LA4	53	10000	-
0.04	0.55	475	1.05	2518	BS30G06-../D04LA4	53	10000	-

0.06 kW



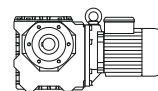
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.06	295	1.7	8.8	4.60	BS02-../D04LA4	3.5	1000	-
0.06	250	2.0	10	5.40	BS02-../D04LA4	3.5	1000	-
0.06	200	2.45	10	6.75	BS02-../D04LA4	3.5	1000	-
0.06	164	2.9	8.6	8.25	BS02-../D04LA4	3.5	1100	-
0.06	127	3.65	6.8	10.67	BS02-../D04LA4	3.5	1250	-
0.06	100	4.45	5.6	13.50	BS02-../D04LA4	3.5	1250	-
0.06	75	5.6	4.5	18.00	BS02-../D04LA4	3.5	1250	-
0.06	62	6.4	3.9	22.00	BS02-../D04LA4	3.5	1250	-
0.06	50	7.2	3.5	27.00	BS02-../D04LA4	3.5	1250	-
0.06	41	8.3	3.0	33.00	BS02-../D04LA4	3.5	1250	-
0.06	31.5	11.2	2.1	43.00	BS02-../D04LA4	3.5	1250	-
0.06	25	13	1.7	54.00	BS02-../D04LA4	3.5	1250	-
0.06	19.5	14.9	1.35	70.00	BS02-../D04LA4	3.5	1250	-
0.06	18	16.2	2.5	75.00	BS03-../D05LA4	5.4	1950	-
0.06	35.5	11.1	3.3	38.42	BS04-../D04LA4	3.9	2250	-
0.06	28.5	13.6	2.8	47.86	BS04-../D04LA4	3.9	2250	-
0.06	21.5	16.7	2.2	64.06	BS04-../D04LA4	3.9	2250	-
0.06	19	19.9	1.9	71.18	BS04-../D04LA4	3.9	2250	-
0.06	18	19.4	1.95	77.00	BS04-../D04LA4	3.9	2250	-
0.06	14.5	23	1.65	93.92	BS04-../D04LA4	3.9	2250	-
0.06	13.5	27	1.4	102.9	BS04-../D04LA4	3.9	2250	-
0.06	12	27	1.4	117.0	BS04-../D04LA4	3.9	2250	-
0.06	11	32.5	1.25	123.0	BS04-../D04LA4	3.9	2250	-
0.06	9.8	36	1.15	138.4	BS04-../D04LA4	3.9	2250	-
0.06	9.0	35	1.1	150.3	BS04-../D04LA4	3.9	2250	-

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

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

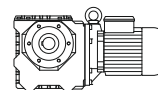
0.06 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.06	8.5	41	0.9	160.1	BS04-../D04LA4	3.9	2250	-
0.06	7.8	39.5	1.0	174.0	BS04-../D04LA4	3.9	2250	-
0.06	6.2	48.5	0.82	220.0	BS04-../D04LA4	3.9	2250	-
0.06	3.6	113	0.83	381.5	BS06G04-../D04LA4	11	3500	-
0.06	11.5	32	2.9	118.8	BS06-../D04LA4	8.4	3500	-
0.06	10.5	36.5	2.8	129.0	BS06-../D04LA4	8.4	3500	-
0.06	9.2	40	2.7	146.8	BS06-../D04LA4	8.4	3500	-
0.06	7.8	44	2.2	174.0	BS06-../D04LA4	8.4	3500	-
0.06	6.2	54	1.8	220.0	BS06-../D04LA4	8.4	3500	-
0.06	5.4	61	1.6	252.0	BS06-../D04LA4	8.4	3500	-
0.06	4.3	75	1.4	315.3	BS06-../D04LA4	8.4	3500	-
0.06	3.8	84	1.3	358.9	BS06-../D04LA4	8.4	3500	-
0.06	3.3	95	1.15	418.0	BS06-../D04LA4	8.4	3500	-
0.06	11.5	36.5	3.3	119.6	BS10-../D06LA4	23	6000	-
0.06	6.3	58	3.1	216.6	BS10-../D06LA4	23	6000	-
0.06	5.4	67	2.7	254.0	BS10Z-../D06LA4	24	6000	-
0.06	4.5	78	2.4	302.5	BS10Z-../D06LA4	24	6000	-
0.06	3.8	93	2.0	360.3	BS10Z-../D06LA4	24	6000	-
0.06	3.2	109	1.75	432.4	BS10Z-../D06LA4	24	6000	-
0.06	2.5	135	1.4	544.8	BS10Z-../D06LA4	24	6000	-
0.06	2.2	145	1.3	638.7	BS10Z-../D06LA4	24	6000	-
0.06	1.8	171	1.05	788.7	BS10Z-../D06LA4	24	6000	-
0.06	3.2	109	3.0	430.8	BS20Z-../D06LA4	35	8000	-
0.06	2.6	121	3.0	539.7	BS20Z-../D06LA4	35	8000	-
0.06	2.2	140	2.4	619.2	BS20Z-../D06LA4	35	8000	-
0.06	1.8	171	1.8	763.4	BS20Z-../D06LA4	35	8000	-
0.06	1.7	220	1.25	831.7	BS20G06-../D06LA4	38	8000	-
0.06	1.4	270	1.0	1000	BS20G06-../D06LA4	38	8000	-
0.06	1.7	195	2.4	804.1	BS30Z-../D06LA4	54	10000	-
0.06	1.5	215	2.1	932.0	BS30Z-../D06LA4	54	10000	-
0.06	1.4	280	1.75	1022	BS30G06-../D06LA4	56	10000	-
0.06	1.2	325	1.5	1176	BS30G06-../D06LA4	56	10000	-
0.06	0.95	415	1.2	1461	BS30G06-../D06LA4	56	10000	-
0.06	0.9	435	1.15	1576	BS30G06-../D06LA4	56	10000	-
0.06	1.5	225	3.3	908.2	BS40Z-../D06LA4	68	15000	-
0.06	1.4	285	3.1	965.5	BS40G10-../D06LA4	73	15000	-
0.06	1.2	330	2.7	1180	BS40G10-../D06LA4	73	15000	-
0.06	0.95	420	2.1	1499	BS40G10-../D06LA4	73	15000	-
0.06	0.8	500	1.75	1785	BS40G10-../D06LA4	73	15000	-
0.06	0.65	610	1.45	2126	BS40G10-../D06LA4	73	15000	-
0.06	0.6	660	1.35	2304	BS40G10-../D06LA4	73	15000	-
0.06	0.55	720	1.2	2552	BS40G10-../D06LA4	73	15000	-
0.06	0.47	850	1.05	2902	BS40G10-../D06LA4	73	15000	-

9

0.09 kW



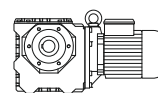
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.09	295	2.55	5.9	4.60	BS02-../D04LA4	3.5	1000	-
0.09	250	3.0	6.7	5.40	BS02-../D04LA4	3.5	1000	-
0.09	200	3.65	6.8	6.75	BS02-../D04LA4	3.5	1000	-
0.09	164	4.4	5.7	8.25	BS02-../D04LA4	3.5	1100	-
0.09	127	5.5	4.5	10.67	BS02-../D04LA4	3.5	1250	-
0.09	100	6.7	3.7	13.50	BS02-../D04LA4	3.5	1250	-
0.09	75	8.4	3.0	18.00	BS02-../D04LA4	3.5	1250	-
0.09	62	9.7	2.6	22.00	BS02-../D04LA4	3.5	1250	-
0.09	50	10.8	2.3	27.00	BS02-../D04LA4	3.5	1250	-
0.09	41	12.5	2.0	33.00	BS02-../D04LA4	3.5	1250	-
0.09	31.5	16.9	1.4	43.00	BS02-../D04LA4	3.5	1250	-

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

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

0.09 kW



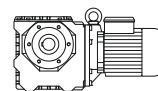
P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[—]	[:1]		[kg]	[N]	[N]
0.09	25	19.5	1.15	54.00	BS02-../D04LA4	3.5	1250	-
0.09	19.5	22	0.91	70.00	BS02-../D04LA4	3.5	1250	-
0.09	27	18.4	3.0	50.00	BS03-../D05LA4	5.4	1950	-
0.09	22	20.5	2.3	62.00	BS03-../D05LA4	5.4	1950	-
0.09	18	24	1.65	75.00	BS03-../D05LA4	5.4	1950	-
0.09	56	11.6	2.9	24.25	BS04-../D04LA4	3.9	2250	-
0.09	52	11.7	3.2	26.21	BS04-../D04LA4	3.9	2250	-
0.09	43	13.9	2.7	31.50	BS04-../D04LA4	3.9	2250	-
0.09	35.5	16.7	2.2	38.42	BS04-../D04LA4	3.9	2250	-
0.09	28.5	20.5	1.85	47.86	BS04-../D04LA4	3.9	2250	-
0.09	21.5	25	1.45	64.06	BS04-../D04LA4	3.9	2250	-
0.09	19	29.5	1.3	71.18	BS04-../D04LA4	3.9	2250	-
0.09	18	29	1.3	77.00	BS04-../D04LA4	3.9	2250	-
0.09	14.5	34.5	1.1	93.92	BS04-../D04LA4	3.9	2250	-
0.09	13.5	40.5	0.94	102.9	BS04-../D04LA4	3.9	2250	-
0.09	12	40.5	0.94	117.0	BS04-../D04LA4	3.9	2250	-
0.09	11	49	0.84	123.0	BS04-../D04LA4	3.9	2250	-
0.09	21.5	27	3.0	64.06	BS06-../D04LA4	8.4	3500	-
0.09	19	32	2.9	71.18	BS06-../D04LA4	8.4	3500	-
0.09	18	31.5	2.7	77.00	BS06-../D04LA4	8.4	3500	-
0.09	15	40	2.5	90.00	BS06-../D04LA4	8.4	3500	-
0.09	13.5	43.5	2.3	103.1	BS06-../D04LA4	8.4	3500	-
0.09	11.5	48.5	1.95	118.8	BS06-../D04LA4	8.4	3500	-
0.09	10.5	54	1.95	129.0	BS06-../D04LA4	8.4	3500	-
0.09	9.2	60	1.75	146.8	BS06-../D04LA4	8.4	3500	-
0.09	7.8	66	1.5	174.0	BS06-../D04LA4	8.4	3500	-
0.09	6.2	81	1.2	220.0	BS06-../D04LA4	8.4	3500	-
0.09	5.4	92	1.1	252.0	BS06-../D04LA4	8.4	3500	-
0.09	4.3	113	0.94	315.3	BS06-../D04LA4	8.4	3500	-
0.09	3.8	126	0.87	358.9	BS06-../D04LA4	8.4	3500	-
0.09	11.5	55	2.2	119.6	BS10-../D06LA4	23	6000	-
0.09	10.5	52	3.2	130.3	BS10-../D06LA4	23	6000	-
0.09	8.9	61	2.7	152.7	BS10-../D06LA4	23	6000	-
0.09	7.2	76	2.2	188.6	BS10-../D06LA4	23	6000	-
0.09	6.3	87	2.1	216.6	BS10-../D06LA4	23	6000	-
0.09	5.4	101	1.8	254.0	BS10Z-../D06LA4	24	6000	-
0.09	4.5	118	1.6	302.5	BS10Z-../D06LA4	24	6000	-
0.09	3.8	140	1.35	360.3	BS10Z-../D06LA4	24	6000	-
0.09	3.2	163	1.15	432.4	BS10Z-../D06LA4	24	6000	-
0.09	2.5	200	0.95	544.8	BS10Z-../D06LA4	24	6000	-
0.09	2.2	215	0.88	638.7	BS10Z-../D06LA4	24	6000	-
0.09	6.0	91	3.2	225.6	BS20-../D06LA4	34	8000	-
0.09	5.3	103	2.9	257.8	BS20Z-../D06LA4	35	8000	-
0.09	4.5	120	2.5	300.1	BS20Z-../D06LA4	35	8000	-
0.09	3.8	140	2.3	359.9	BS20Z-../D06LA4	35	8000	-
0.09	3.2	163	2.0	430.8	BS20Z-../D06LA4	35	8000	-
0.09	2.6	181	2.0	539.7	BS20Z-../D06LA4	35	8000	-
0.09	2.2	210	1.55	619.2	BS20Z-../D06LA4	35	8000	-
0.09	1.8	255	1.2	763.4	BS20Z-../D06LA4	35	8000	-
0.09	1.7	330	0.82	831.7	BS20G06-../D06LA4	38	8000	-
0.09	3.8	167	2.4	359.6	BS30Z-../D06LA4	54	10000	-
0.09	3.0	183	3.3	457.3	BS30Z-../D06LA4	54	10000	-
0.09	2.6	210	2.9	539.3	BS30Z-../D06LA4	54	10000	-
0.09	2.1	245	2.4	651.0	BS30Z-../D06LA4	54	10000	-
0.09	1.7	290	1.65	804.1	BS30Z-../D06LA4	54	10000	-
0.09	1.5	325	1.4	932.0	BS30Z-../D06LA4	54	10000	-
0.09	1.4	420	1.15	1022	BS30G06-../D06LA4	56	10000	-
0.09	1.2	490	1.0	1176	BS30G06-../D06LA4	56	10000	-
0.09	1.9	270	2.8	736.5	BS40Z-../D06LA4	68	15000	-
0.09	1.5	335	2.2	908.2	BS40Z-../D06LA4	68	15000	-
0.09	1.4	425	2.1	965.5	BS40G10-../D06LA4	73	15000	-
0.09	1.2	500	1.75	1180	BS40G10-../D06LA4	73	15000	-
0.09	0.95	630	1.4	1499	BS40G10-../D06LA4	73	15000	-

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

BS-series worm-geared motors

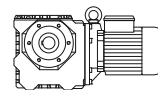
Selection - worm-geared motors DSE - IE1

0.09 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.09	0.8	750	1.15	1785	BS40G10-../D06LA4	73	15000	-

0.11 kW



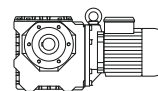
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.11	295	3.1	4.8	4.60	BS02-../D04LA4	3.5	1000	-
0.11	250	3.65	5.5	5.40	BS02-../D04LA4	3.5	1000	-
0.11	200	4.5	5.6	6.75	BS02-../D04LA4	3.5	1000	-
0.11	164	5.3	4.7	8.25	BS02-../D04LA4	3.5	1100	-
0.11	127	6.7	3.7	10.67	BS02-../D04LA4	3.5	1250	-
0.11	100	8.1	3.1	13.50	BS02-../D04LA4	3.5	1250	-
0.11	75	10.3	2.4	18.00	BS02-../D04LA4	3.5	1250	-
0.11	62	11.8	2.1	22.00	BS02-../D04LA4	3.5	1250	-
0.11	50	13.2	1.9	27.00	BS02-../D04LA4	3.5	1250	-
0.11	41	15.3	1.65	33.00	BS02-../D04LA4	3.5	1250	-
0.11	31.5	20.5	1.15	43.00	BS02-../D04LA4	3.5	1250	-
0.11	25	23.5	0.94	54.00	BS02-../D04LA4	3.5	1250	-
0.11	65	12.2	3.0	20.96	BS04-../D04LA4	3.9	2100	-
0.11	56	14.2	2.4	24.25	BS04-../D04LA4	3.9	2250	-
0.11	52	14.3	2.7	26.21	BS04-../D04LA4	3.9	2250	-
0.11	43	17.1	2.2	31.50	BS04-../D04LA4	3.9	2250	-
0.11	35.5	20	1.85	38.42	BS04-../D04LA4	3.9	2250	-
0.11	28.5	25	1.5	47.86	BS04-../D04LA4	3.9	2250	-
0.11	21.5	30.5	1.2	64.06	BS04-../D04LA4	3.9	2250	-
0.11	19	36	1.05	71.18	BS04-../D04LA4	3.9	2250	-
0.11	18	35.5	1.05	77.00	BS04-../D04LA4	3.9	2250	-
0.11	14.5	42.5	0.89	93.92	BS04-../D04LA4	3.9	2250	-
0.11	3.6	94*	1.0	381.5	BS06G04-../D04LA4	11	3500	-
0.11	2.9	94*	1.0	474.8	BS06G04-../D04LA4	11	3500	-
0.11	2.5	100*	1.0	552.6	BS06G04-../D04LA4	11	3500	-
0.11	2.3	94*	1.0	610.7	BS06G04-../D04LA4	11	3500	-
0.11	2.0	94*	1.0	704.7	BS06G04-../D04LA4	11	3500	-
0.11	1.6	94*	1.0	847.0	BS06G04-../D04LA4	11	3500	-
0.11	1.5	94*	1.0	939.6	BS06G04-../D04LA4	11	3500	-
0.11	1.2	94*	1.0	1170	BS06G04-../D04LA4	11	3500	-
0.11	0.9	94*	1.0	1503	BS06G04-../D04LA4	11	3500	-
0.11	0.85	94*	1.0	1654	BS06G04-../D04LA4	11	3500	-
0.11	0.75	94*	1.0	1914	BS06G04-../D04LA4	11	3500	-
0.11	0.65	94*	1.0	2200	BS06G04-../D04LA4	11	3500	-
0.11	0.49	94*	1.0	2768	BS06G04-../D04LA4	11	3500	-
0.11	0.45	94*	1.0	3007	BS06G04-../D04LA4	11	3500	-
0.11	0.41	94*	1.0	3308	BS06G04-../D04LA4	11	3500	-
0.11	0.37	94*	1.0	3721	BS06G04-../D04LA4	11	3500	-
0.11	0.32	94*	1.0	4304	BS06G04-../D04LA4	11	3500	-
0.11	0.28	98*	1.0	4947	BS06G04-../D04LA4	11	3500	-
0.11	0.25	98*	1.0	5442	BS06G04-../D04LA4	11	3500	-
0.11	0.22	100*	1.0	6234	BS06G04-../D04LA4	11	3500	-
0.11	28	27	3.3	48.60	BS06-../D04LA4	8.4	3500	-
0.11	23.5	31.5	2.9	58.15	BS06-../D04LA4	8.4	3500	-
0.11	21.5	33	2.4	64.06	BS06-../D04LA4	8.4	3500	-
0.11	19	39	2.4	71.18	BS06-../D04LA4	8.4	3500	-
0.11	18	39	2.2	77.00	BS06-../D04LA4	8.4	3500	-
0.11	15	49	2.0	90.00	BS06-../D04LA4	8.4	3500	-
0.11	13.5	53	1.9	103.1	BS06-../D04LA4	8.4	3500	-
0.11	11.5	59	1.6	118.8	BS06-../D04LA4	8.4	3500	-
0.11	10.5	67	1.55	129.0	BS06-../D04LA4	8.4	3500	-
0.11	9.2	74	1.45	146.8	BS06-../D04LA4	8.4	3500	-
0.11	7.8	80	1.25	174.0	BS06-../D04LA4	8.4	3500	-
0.11	6.2	99	0.99	220.0	BS06-../D04LA4	8.4	3500	-
0.11	5.4	112	0.88	252.0	BS06-../D04LA4	8.4	3500	-

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

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

0.11 kW



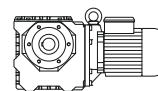
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.11	6.8	98	1.5	200.0	BS10Z-../D04LA4	21	6000	-
0.11	5.4	124	1.45	254.0	BS10Z-../D04LA4	21	6000	-
0.11	4.5	144	1.3	302.5	BS10Z-../D04LA4	21	6000	-
0.11	3.8	171	1.1	360.3	BS10Z-../D04LA4	21	6000	-
0.11	3.2	200	0.95	432.4	BS10Z-../D04LA4	21	6000	-
0.11	1.4	160*	1.0	969.9	BS10G06-../D04LA4	25	6000	-
0.11	1.2	160*	1.0	1166	BS10G06-../D04LA4	25	6000	-
0.11	1.1	160*	1.0	1342	BS10G06-../D04LA4	25	6000	-
0.11	0.9	160*	1.0	1528	BS10G06-../D04LA4	25	6000	-
0.11	0.85	160*	1.0	1668	BS10G06-../D04LA4	25	6000	-
0.11	0.7	160*	1.0	1963	BS10G06-../D04LA4	25	6000	-
0.11	0.6	160*	1.0	2348	BS10G06-../D04LA4	25	6000	-
0.11	0.55	160*	1.0	2635	BS10G06-../D04LA4	25	6000	-
0.11	0.47	160*	1.0	2875	BS10G06-../D04LA4	25	6000	-
0.11	0.41	160*	1.0	3332	BS10G06-../D04LA4	25	6000	-
0.11	0.38	160*	1.0	3635	BS10G06-../D04LA4	25	6000	-
0.11	0.33	160*	1.0	4163	BS10G06-../D04LA4	25	6000	-
0.11	0.29	160*	1.0	4776	BS10G06-../D04LA4	25	6000	-
0.11	0.26	160*	1.0	5209	BS10G06-../D04LA4	25	6000	-
0.11	0.23	164*	1.0	6019	BS10G06-../D04LA4	25	6000	-
0.11	0.21	164*	1.0	6565	BS10G06-../D04LA4	25	6000	-
0.11	0.19	164*	1.0	7471	BS10G06-../D04LA4	25	6000	-
0.11	0.16	164*	1.0	8703	BS10G06-../D04LA4	25	6000	-
0.11	6.8	98	2.9	201.4	BS20Z-../D04LA4	32	8000	-
0.11	5.3	126	2.3	257.8	BS20Z-../D04LA4	32	8000	-
0.11	4.5	147	2.0	300.1	BS20Z-../D04LA4	32	8000	-
0.11	3.8	171	1.85	359.9	BS20Z-../D04LA4	32	8000	-
0.11	3.2	200	1.65	430.8	BS20Z-../D04LA4	32	8000	-
0.11	2.6	220	1.65	539.7	BS20Z-../D04LA4	32	8000	-
0.11	2.2	255	1.3	619.2	BS20Z-../D04LA4	32	8000	-
0.11	1.8	315	0.98	763.4	BS20Z-../D04LA4	32	8000	-
0.11	1.7	270*	1.0	831.7	BS20G06-../D04LA4	35	8000	-
0.11	1.4	270*	1.0	1000	BS20G06-../D04LA4	35	8000	-
0.11	1.1	270*	1.0	1311	BS20G06-../D04LA4	35	8000	-
0.11	0.9	270*	1.0	1543	BS20G06-../D04LA4	35	8000	-
0.11	0.85	270*	1.0	1683	BS20G06-../D04LA4	35	8000	-
0.11	0.7	270*	1.0	2014	BS20G06-../D04LA4	35	8000	-
0.11	0.55	270*	1.0	2465	BS20G06-../D04LA4	35	8000	-
0.11	0.48	270*	1.0	2857	BS20G06-../D04LA4	35	8000	-
0.11	0.44	270*	1.0	3117	BS20G06-../D04LA4	35	8000	-
0.11	0.38	270*	1.0	3570	BS20G06-../D04LA4	35	8000	-
0.11	0.33	270*	1.0	4096	BS20G06-../D04LA4	35	8000	-
0.11	0.28	270*	1.0	4910	BS20G06-../D04LA4	35	8000	-
0.11	0.23	270*	1.0	5880	BS20G06-../D04LA4	35	8000	-
0.11	0.19	275*	1.0	7363	BS20G06-../D04LA4	35	8000	-
0.11	0.17	275*	1.0	8031	BS20G06-../D04LA4	35	8000	-
0.11	0.15	280*	1.0	9220	BS20G06-../D04LA4	35	8000	-
0.11	1.4	510	0.96	1022	BS30G06-../D04LA4	53	10000	-
0.11	1.2	600	0.82	1176	BS30G06-../D04LA4	53	10000	-
0.11	0.95	490*	1.0	1461	BS30G06-../D04LA4	53	10000	-
0.11	0.9	490*	1.0	1576	BS30G06-../D04LA4	53	10000	-
0.11	0.75	490*	1.0	1886	BS30G06-../D04LA4	53	10000	-
0.11	0.6	490*	1.0	2308	BS30G06-../D04LA4	53	10000	-
0.11	0.55	490*	1.0	2518	BS30G06-../D04LA4	53	10000	-
0.11	0.47	490*	1.0	2919	BS30G06-../D04LA4	53	10000	-
0.11	0.41	490*	1.0	3344	BS30G06-../D04LA4	53	10000	-
0.11	0.38	490*	1.0	3647	BS30G06-../D04LA4	53	10000	-
0.11	0.33	490*	1.0	4184	BS30G06-../D04LA4	53	10000	-
0.11	0.28	510*	1.0	4905	BS30G06-../D04LA4	53	10000	-
0.11	0.24	520*	1.0	5783	BS30G06-../D04LA4	53	10000	-
0.11	0.22	520*	1.0	6308	BS30G06-../D04LA4	53	10000	-
0.11	0.19	520*	1.0	7179	BS30G06-../D04LA4	53	10000	-
0.11	0.17	520*	1.0	8362	BS30G06-../D04LA4	53	10000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

0.12 kW



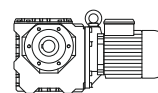
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.12	295	3.4	4.4	4.60	BS02-../DSE04LA4	3.5	1000	-
0.12	250	4.0	5.0	5.40	BS02-../DSE04LA4	3.5	1000	-
0.12	200	4.9	5.1	6.75	BS02-../DSE04LA4	3.5	1000	-
0.12	164	5.8	4.3	8.25	BS02-../DSE04LA4	3.5	1100	-
0.12	127	7.3	3.4	10.67	BS02-../DSE04LA4	3.5	1250	-
0.12	100	8.9	2.8	13.50	BS02-../DSE04LA4	3.5	1250	-
0.12	75	11.3	2.2	18.00	BS02-../DSE04LA4	3.5	1250	-
0.12	62	12.9	1.95	22.00	BS02-../DSE04LA4	3.5	1250	-
0.12	50	14.4	1.75	27.00	BS02-../DSE04LA4	3.5	1250	-
0.12	41	16.7	1.5	33.00	BS02-../DSE04LA4	3.5	1250	-
0.12	31.5	22.5	1.05	43.00	BS02-../DSE04LA4	3.5	1250	-
0.12	25	26	0.85	54.00	BS02-../DSE04LA4	3.5	1250	-
0.12	83	10.6	3.3	16.31	BS04-../DSE04LA4	3.9	1970	-
0.12	75	10.8	3.1	18.00	BS04-../DSE04LA4	3.9	1950	-
0.12	65	13.3	2.8	20.96	BS04-../DSE04LA4	3.9	2100	-
0.12	56	15.5	2.2	24.25	BS04-../DSE04LA4	3.9	2250	-
0.12	52	15.6	2.4	26.21	BS04-../DSE04LA4	3.9	2250	-
0.12	43	18.6	2.0	31.50	BS04-../DSE04LA4	3.9	2250	-
0.12	35.5	22	1.7	38.42	BS04-../DSE04LA4	3.9	2250	-
0.12	28.5	27	1.4	47.86	BS04-../DSE04LA4	3.9	2250	-
0.12	21.5	33.5	1.05	64.06	BS04-../DSE04LA4	3.9	2250	-
0.12	19	39.5	0.96	71.18	BS04-../DSE04LA4	3.9	2250	-
0.12	18	38.5	0.99	77.00	BS04-../DSE04LA4	3.9	2250	-
0.12	14.5	46.5	0.82	93.92	BS04-../DSE04LA4	3.9	2250	-
0.12	3.6	94*	1.0	381.5	BS06G04-../DSE04LA4	11	3500	-
0.12	2.9	94*	1.0	474.8	BS06G04-../DSE04LA4	11	3500	-
0.12	2.5	100*	1.0	552.6	BS06G04-../DSE04LA4	11	3500	-
0.12	2.3	94*	1.0	610.7	BS06G04-../DSE04LA4	11	3500	-
0.12	2.0	94*	1.0	704.7	BS06G04-../DSE04LA4	11	3500	-
0.12	1.6	94*	1.0	847.0	BS06G04-../DSE04LA4	11	3500	-
0.12	1.5	94*	1.0	939.6	BS06G04-../DSE04LA4	11	3500	-
0.12	1.2	94*	1.0	1170	BS06G04-../DSE04LA4	11	3500	-
0.12	0.9	94*	1.0	1503	BS06G04-../DSE04LA4	11	3500	-
0.12	0.85	94*	1.0	1654	BS06G04-../DSE04LA4	11	3500	-
0.12	0.75	94*	1.0	1914	BS06G04-../DSE04LA4	11	3500	-
0.12	0.65	94*	1.0	2200	BS06G04-../DSE04LA4	11	3500	-
0.12	0.49	94*	1.0	2768	BS06G04-../DSE04LA4	11	3500	-
0.12	0.45	94*	1.0	3007	BS06G04-../DSE04LA4	11	3500	-
0.12	0.41	94*	1.0	3308	BS06G04-../DSE04LA4	11	3500	-
0.12	0.37	94*	1.0	3721	BS06G04-../DSE04LA4	11	3500	-
0.12	0.32	94*	1.0	4304	BS06G04-../DSE04LA4	11	3500	-
0.12	0.28	98*	1.0	4947	BS06G04-../DSE04LA4	11	3500	-
0.12	0.25	98*	1.0	5442	BS06G04-../DSE04LA4	11	3500	-
0.12	0.22	100*	1.0	6234	BS06G04-../DSE04LA4	11	3500	-
0.12	28	29	3.0	48.60	BS06-../DSE04LA4	8.4	3500	-
0.12	23.5	34.5	2.6	58.15	BS06-../DSE04LA4	8.4	3500	-
0.12	21.5	36	2.2	64.06	BS06-../DSE04LA4	8.4	3500	-
0.12	19	42.5	2.2	71.18	BS06-../DSE04LA4	8.4	3500	-
0.12	18	42.5	2.0	77.00	BS06-../DSE04LA4	8.4	3500	-
0.12	15	53	1.85	90.00	BS06-../DSE04LA4	8.4	3500	-
0.12	13.5	58	1.7	103.1	BS06-../DSE04LA4	8.4	3500	-
0.12	11.5	64	1.45	118.8	BS06-../DSE04LA4	8.4	3500	-
0.12	10.5	73	1.4	129.0	BS06-../DSE04LA4	8.4	3500	-
0.12	9.2	80	1.35	146.8	BS06-../DSE04LA4	8.4	3500	-
0.12	7.8	88	1.1	174.0	BS06-../DSE04LA4	8.4	3500	-
0.12	6.2	109	0.9	220.0	BS06-../DSE04LA4	8.4	3500	-
0.12	5.4	123	0.8	252.0	BS06-../DSE04LA4	8.4	3500	-
0.12	6.8	107	1.4	200.0	BS10Z-../DSE04LA4	21	6000	-
0.12	5.4	135	1.35	254.0	BS10Z-../DSE04LA4	21	6000	-
0.12	4.5	157	1.2	302.5	BS10Z-../DSE04LA4	21	6000	-
0.12	3.8	186	1.0	360.3	BS10Z-../DSE04LA4	21	6000	-
0.12	3.2	215	0.88	432.4	BS10Z-../DSE04LA4	21	6000	-
0.12	1.4	160*	1.0	969.9	BS10G06-../DSE04LA4	25	6000	-
0.12	1.2	160*	1.0	1166	BS10G06-../DSE04LA4	25	6000	-
0.12	1.1	160*	1.0	1342	BS10G06-../DSE04LA4	25	6000	-
0.12	0.9	160*	1.0	1528	BS10G06-../DSE04LA4	25	6000	-

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

BS-series worm-geared motors

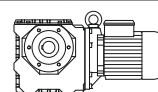
Selection - worm-geared motors DSE - IE1

0.12 kW



P _N	50 Hz			i	Type	m		
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.12	0.85	160*	1.0	1668	BS10G06-../DSE04LA4	25	6000	-
0.12	0.7	160*	1.0	1963	BS10G06-../DSE04LA4	25	6000	-
0.12	0.6	160*	1.0	2348	BS10G06-../DSE04LA4	25	6000	-
0.12	0.55	160*	1.0	2635	BS10G06-../DSE04LA4	25	6000	-
0.12	0.47	160*	1.0	2875	BS10G06-../DSE04LA4	25	6000	-
0.12	0.41	160*	1.0	3332	BS10G06-../DSE04LA4	25	6000	-
0.12	0.38	160*	1.0	3635	BS10G06-../DSE04LA4	25	6000	-
0.12	0.33	160*	1.0	4163	BS10G06-../DSE04LA4	25	6000	-
0.12	0.29	160*	1.0	4776	BS10G06-../DSE04LA4	25	6000	-
0.12	0.26	160*	1.0	5209	BS10G06-../DSE04LA4	25	6000	-
0.12	0.23	164*	1.0	6019	BS10G06-../DSE04LA4	25	6000	-
0.12	0.21	164*	1.0	6565	BS10G06-../DSE04LA4	25	6000	-
0.12	0.19	164*	1.0	7471	BS10G06-../DSE04LA4	25	6000	-
0.12	0.16	164*	1.0	8703	BS10G06-../DSE04LA4	25	6000	-
0.12	6.8	107	2.6	201.4	BS20Z-../DSE04LA4	32	8000	-
0.12	5.3	138	2.1	257.8	BS20Z-../DSE04LA4	32	8000	-
0.12	4.5	160	1.9	300.1	BS20Z-../DSE04LA4	32	8000	-
0.12	3.8	186	1.7	359.9	BS20Z-../DSE04LA4	32	8000	-
0.12	3.2	215	1.55	430.8	BS20Z-../DSE04LA4	32	8000	-
0.12	2.6	240	1.5	539.7	BS20Z-../DSE04LA4	32	8000	-
0.12	2.2	280	1.2	619.2	BS20Z-../DSE04LA4	32	8000	-
0.12	1.8	340	0.91	763.4	BS20Z-../DSE04LA4	32	8000	-
0.12	1.7	270*	1.0	831.7	BS20G06-../DSE04LA4	35	8000	-
0.12	1.4	270*	1.0	1000	BS20G06-../DSE04LA4	35	8000	-
0.12	1.1	270*	1.0	1311	BS20G06-../DSE04LA4	35	8000	-
0.12	0.9	270*	1.0	1543	BS20G06-../DSE04LA4	35	8000	-
0.12	0.85	270*	1.0	1683	BS20G06-../DSE04LA4	35	8000	-
0.12	0.7	270*	1.0	2014	BS20G06-../DSE04LA4	35	8000	-
0.12	0.55	270*	1.0	2465	BS20G06-../DSE04LA4	35	8000	-
0.12	0.48	270*	1.0	2857	BS20G06-../DSE04LA4	35	8000	-
0.12	0.44	270*	1.0	3117	BS20G06-../DSE04LA4	35	8000	-
0.12	0.38	270*	1.0	3570	BS20G06-../DSE04LA4	35	8000	-
0.12	0.33	270*	1.0	4096	BS20G06-../DSE04LA4	35	8000	-
0.12	0.28	270*	1.0	4910	BS20G06-../DSE04LA4	35	8000	-
0.12	0.23	270*	1.0	5880	BS20G06-../DSE04LA4	35	8000	-
0.12	0.19	275*	1.0	7363	BS20G06-../DSE04LA4	35	8000	-
0.12	0.17	275*	1.0	8031	BS20G06-../DSE04LA4	35	8000	-
0.12	0.15	280*	1.0	9220	BS20G06-../DSE04LA4	35	8000	-
0.12	1.4	560	0.88	1022	BS30G06-../DSE04LA4	53	10000	-
0.12	1.2	490*	1.0	1176	BS30G06-../DSE04LA4	53	10000	-
0.12	0.95	490*	1.0	1461	BS30G06-../DSE04LA4	53	10000	-
0.12	0.9	490*	1.0	1576	BS30G06-../DSE04LA4	53	10000	-
0.12	0.75	490*	1.0	1886	BS30G06-../DSE04LA4	53	10000	-
0.12	0.6	490*	1.0	2308	BS30G06-../DSE04LA4	53	10000	-
0.12	0.55	490*	1.0	2518	BS30G06-../DSE04LA4	53	10000	-
0.12	0.47	490*	1.0	2919	BS30G06-../DSE04LA4	53	10000	-
0.12	0.41	490*	1.0	3344	BS30G06-../DSE04LA4	53	10000	-
0.12	0.38	490*	1.0	3647	BS30G06-../DSE04LA4	53	10000	-
0.12	0.33	490*	1.0	4184	BS30G06-../DSE04LA4	53	10000	-
0.12	0.28	510*	1.0	4905	BS30G06-../DSE04LA4	53	10000	-
0.12	0.24	520*	1.0	5783	BS30G06-../DSE04LA4	53	10000	-
0.12	0.22	520*	1.0	6308	BS30G06-../DSE04LA4	53	10000	-
0.12	0.19	520*	1.0	7179	BS30G06-../DSE04LA4	53	10000	-
0.12	0.17	520*	1.0	8362	BS30G06-../DSE04LA4	53	10000	-

0.18 kW



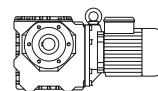
P _N	50 Hz			i	Type	m		
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.18	295	5.1	2.9	4.60	BS02-../DSE05LA4	5.3	1000	-
0.18	250	6.0	3.3	5.40	BS02-../DSE05LA4	5.3	1000	-
0.18	200	7.3	3.4	6.75	BS02-../DSE05LA4	5.3	1000	-
0.18	164	8.8	2.8	8.25	BS02-../DSE05LA4	5.3	1100	-

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

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

0.18 kW



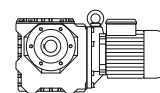
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.18	127	11	2.3	10.67	BS02-../DSE05LA4	5.3	1250	-
0.18	100	13.4	1.85	13.50	BS02-../DSE05LA4	5.3	1250	-
0.18	75	16.9	1.5	18.00	BS02-../DSE05LA4	5.3	1250	-
0.18	62	19.4	1.3	22.00	BS02-../DSE05LA4	5.3	1250	-
0.18	50	21.5	1.15	27.00	BS02-../DSE05LA4	5.3	1250	-
0.18	41	25	1.0	33.00	BS02-../DSE05LA4	5.3	1250	-
0.18	72	18.1	3.0	19.00	BS03-../DSE05LA4	5.4	1950	-
0.18	54	21.5	2.6	25.00	BS03-../DSE05LA4	5.4	1950	-
0.18	41	25.5	2.2	33.00	BS03-../DSE05LA4	5.4	1950	-
0.18	35	31	1.75	39.00	BS03-../DSE05LA4	5.4	1950	-
0.18	27	36.5	1.5	50.00	BS03-../DSE05LA4	5.4	1950	-
0.18	22	41	1.15	62.00	BS03-../DSE05LA4	5.4	1950	-
0.18	18	48.5	0.82	75.00	BS03-../DSE05LA4	5.4	1950	-
0.18	126	10.6	3.0	10.73	BS04-../DSE05LA4	5.8	1600	-
0.18	104	12.7	2.6	13.09	BS04-../DSE05LA4	5.8	1760	-
0.18	83	15.9	2.2	16.31	BS04-../DSE05LA4	5.8	1970	-
0.18	75	16.2	2.1	18.00	BS04-../DSE05LA4	5.8	1950	-
0.18	65	20	1.85	20.96	BS04-../DSE05LA4	5.8	2100	-
0.18	56	23	1.5	24.25	BS04-../DSE05LA4	5.8	2250	-
0.18	52	23	1.65	26.21	BS04-../DSE05LA4	5.8	2250	-
0.18	43	27.5	1.4	31.50	BS04-../DSE05LA4	5.8	2250	-
0.18	35.5	33	1.1	38.42	BS04-../DSE05LA4	5.8	2250	-
0.18	28.5	41	0.93	47.86	BS04-../DSE05LA4	5.8	2250	-
0.18	56	24.5	3.1	24.25	BS06-../DSE05LA4	10	2600	-
0.18	52	24	3.2	26.21	BS06-../DSE05LA4	10	3000	-
0.18	43	29	2.8	31.50	BS06-../DSE05LA4	10	3200	-
0.18	33	37.5	2.3	41.29	BS06-../DSE05LA4	10	3500	-
0.18	28	44	2.0	48.60	BS06-../DSE05LA4	10	3500	-
0.18	23.5	51	1.8	58.15	BS06-../DSE05LA4	10	3500	-
0.18	21.5	54	1.5	64.06	BS06-../DSE05LA4	10	3500	-
0.18	19	64	1.45	71.18	BS06-../DSE05LA4	10	3500	-
0.18	18	63	1.35	77.00	BS06-../DSE05LA4	10	3500	-
0.18	15	80	1.25	90.00	BS06-../DSE05LA4	10	3500	-
0.18	13.5	87	1.15	103.1	BS06-../DSE05LA4	10	3500	-
0.18	11.5	97	0.97	118.8	BS06-../DSE05LA4	10	3500	-
0.18	10.5	109	0.95	129.0	BS06-../DSE05LA4	10	3500	-
0.18	9.2	121	0.88	146.8	BS06-../DSE05LA4	10	3500	-
0.18	28.5	45	3.2	47.59	BS10-../DSE06LA4	23	4050	-
0.18	24	53	2.8	57.12	BS10-../DSE06LA4	23	4350	-
0.18	22.5	51	2.9	60.74	BS10-../DSE06LA4	23	4550	-
0.18	19	66	2.4	71.96	BS10-../DSE06LA4	23	5000	-
0.18	16.5	77	1.95	84.36	BS10-../DSE06LA4	23	5300	-
0.18	13.5	81	2.0	103.4	BS10-../DSE06LA4	23	5600	-
0.18	11.5	110	1.1	119.6	BS10-../DSE06LA4	23	6000	-
0.18	10.5	104	1.6	130.3	BS10-../DSE06LA4	23	6000	-
0.18	8.9	123	1.35	152.7	BS10-../DSE06LA4	23	6000	-
0.18	7.2	152	1.1	188.6	BS10-../DSE06LA4	23	6000	-
0.18	6.3	174	1.05	216.6	BS10-../DSE06LA4	23	6000	-
0.18	5.4	200	0.9	254.0	BS10Z-../DSE06LA4	24	6000	-
0.18	4.5	235	0.81	302.5	BS10Z-../DSE06LA4	24	6000	-
0.18	13	87	3.1	106.3	BS20-../DSE06LA4	34	7600	-
0.18	11	103	2.6	127.3	BS20-../DSE06LA4	34	8000	-
0.18	8.5	133	2.1	159.4	BS20-../DSE06LA4	34	8000	-
0.18	7.4	153	1.85	183.0	BS20-../DSE06LA4	34	8000	-
0.18	6.0	183	1.6	225.6	BS20-../DSE06LA4	34	8000	-
0.18	5.3	205	1.45	257.8	BS20Z-../DSE06LA4	35	8000	-
0.18	4.5	240	1.25	300.1	BS20Z-../DSE06LA4	35	8000	-
0.18	3.8	280	1.15	359.9	BS20Z-../DSE06LA4	35	8000	-
0.18	3.2	325	1.0	430.8	BS20Z-../DSE06LA4	35	8000	-
0.18	2.6	360	1.0	539.7	BS20Z-../DSE06LA4	35	8000	-
0.18	6.3	180	2.9	216.4	BS30-../DSE06LA4	51	10000	-
0.18	5.2	215	2.6	261.6	BS30Z-../DSE06LA4	54	10000	-
0.18	4.5	245	2.4	306.6	BS30Z-../DSE06LA4	54	10000	-
0.18	3.8	330	1.2	359.6	BS30Z-../DSE06LA4	54	10000	-

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

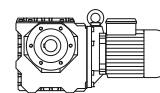
BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

0.18 kW								
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.18	3.5	315	1.85	390.2	BS30Z-../DSE06LA4	54	10000	-
0.18	3.0	365	1.65	457.3	BS30Z-../DSE06LA4	54	10000	-
0.18	2.6	420	1.45	539.3	BS30Z-../DSE06LA4	54	10000	-
0.18	2.1	490	1.2	651.0	BS30Z-../DSE06LA4	54	10000	-
0.18	1.7	580	0.82	804.1	BS30Z-../DSE06LA4	54	10000	-
0.18	4.7	270	2.6	287.7	BS40Z-../DSE06LA4	68	15000	-
0.18	3.1	345	2.9	446.8	BS40Z-../DSE06LA4	68	15000	-
0.18	2.6	415	2.7	520.8	BS40Z-../DSE06LA4	68	15000	-
0.18	2.3	455	2.0	612.1	BS40Z-../DSE06LA4	68	15000	-
0.18	1.9	540	1.4	736.5	BS40Z-../DSE06LA4	68	15000	-
0.18	1.5	670	1.1	908.2	BS40Z-../DSE06LA4	68	15000	-
0.18	1.4	850	1.05	965.5	BS40G10-../DSE06LA4	73	15000	-
0.18	1.2	1000	0.88	1180	BS40G10-../DSE06LA4	73	15000	-



0.25 kW								
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.25	295	7.1	2.1	4.60	BS02-../DSE05LA4	5.3	1000	-
0.25	250	8.4	2.4	5.40	BS02-../DSE05LA4	5.3	1000	-
0.25	200	10.2	2.5	6.75	BS02-../DSE05LA4	5.3	1000	-
0.25	164	12.2	2.0	8.25	BS02-../DSE05LA4	5.3	1100	-
0.25	127	15.4	1.6	10.67	BS02-../DSE05LA4	5.3	1250	-
0.25	100	18.6	1.35	13.50	BS02-../DSE05LA4	5.3	1250	-
0.25	75	23.5	1.05	18.00	BS02-../DSE05LA4	5.3	1250	-
0.25	62	26.5	0.94	22.00	BS02-../DSE05LA4	5.3	1250	-
0.25	50	30	0.83	27.00	BS02-../DSE05LA4	5.3	1250	-
0.25	100	18.6	3.0	13.50	BS03-../DSE05LA4	5.4	1600	-
0.25	72	25	2.2	19.00	BS03-../DSE05LA4	5.4	1950	-
0.25	54	30.5	1.8	25.00	BS03-../DSE05LA4	5.4	1950	-
0.25	41	35.5	1.55	33.00	BS03-../DSE05LA4	5.4	1950	-
0.25	35	43.5	1.25	39.00	BS03-../DSE05LA4	5.4	1950	-
0.25	27	51	1.1	50.00	BS03-../DSE05LA4	5.4	1950	-
0.25	22	57	0.84	62.00	BS03-../DSE05LA4	5.4	1950	-
0.25	225	8.2	3.2	6.13	BS04-../DSE05LA4	5.8	1300	-
0.25	152	12.2	2.5	8.93	BS04-../DSE05LA4	5.8	1500	-
0.25	126	14.7	2.2	10.73	BS04-../DSE05LA4	5.8	1600	-
0.25	104	17.6	1.9	13.09	BS04-../DSE05LA4	5.8	1760	-
0.25	83	22	1.6	16.31	BS04-../DSE05LA4	5.8	1970	-
0.25	75	22.5	1.5	18.00	BS04-../DSE05LA4	5.8	1950	-
0.25	65	27.5	1.35	20.96	BS04-../DSE05LA4	5.8	2100	-
0.25	56	32	1.05	24.25	BS04-../DSE05LA4	5.8	2250	-
0.25	52	32.5	1.15	26.21	BS04-../DSE05LA4	5.8	2250	-
0.25	43	38.5	0.99	31.50	BS04-../DSE05LA4	5.8	2250	-
0.25	35.5	46	0.8	38.42	BS04-../DSE05LA4	5.8	2250	-
0.25	82	23	3.1	16.56	BS06-../DSE05LA4	10	2400	-
0.25	69	27.5	2.7	19.82	BS06-../DSE05LA4	10	2500	-
0.25	56	34	2.3	24.25	BS06-../DSE05LA4	10	2600	-
0.25	52	33.5	2.3	26.21	BS06-../DSE05LA4	10	3000	-
0.25	43	40.5	2.0	31.50	BS06-../DSE05LA4	10	3200	-
0.25	33	52	1.65	41.29	BS06-../DSE05LA4	10	3500	-
0.25	28	61	1.45	48.60	BS06-../DSE05LA4	10	3500	-
0.25	23.5	72	1.25	58.15	BS06-../DSE05LA4	10	3500	-
0.25	21.5	75	1.05	64.06	BS06-../DSE05LA4	10	3500	-
0.25	19	89	1.05	71.18	BS06-../DSE05LA4	10	3500	-
0.25	18	88	0.97	77.00	BS06-../DSE05LA4	10	3500	-
0.25	15	111	0.88	90.00	BS06-../DSE05LA4	10	3500	-
0.25	13.5	122	0.82	103.1	BS06-../DSE05LA4	10	3500	-
0.25	40.5	44.5	3.0	33.55	BS10-../DSE06LA4	23	3550	-
0.25	34	52	2.7	39.96	BS10-../DSE06LA4	23	3800	-

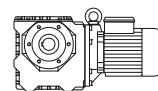


The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

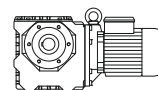
0.25 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.25	28.5	62	2.3	47.59	BS10-../DSE06LA4	23	4050	-
0.25	24	73	2.1	57.12	BS10-../DSE06LA4	23	4350	-
0.25	22.5	71	2.1	60.74	BS10-../DSE06LA4	23	4550	-
0.25	19	92	1.75	71.96	BS10-../DSE06LA4	23	5000	-
0.25	16.5	107	1.4	84.36	BS10-../DSE06LA4	23	5300	-
0.25	13.5	113	1.4	103.4	BS10-../DSE06LA4	23	5600	-
0.25	10.5	145	1.15	130.3	BS10-../DSE06LA4	23	6000	-
0.25	8.9	171	0.96	152.7	BS10-../DSE06LA4	23	6000	-
0.25	7.2	210	0.81	188.6	BS10-../DSE06LA4	23	6000	-
0.25	19.5	91	3.3	70.30	BS20-../DSE06LA4	34	6300	-
0.25	18	87	3.1	76.18	BS20-../DSE06LA4	34	6600	-
0.25	15.5	101	2.7	88.67	BS20-../DSE06LA4	34	7000	-
0.25	13	121	2.2	106.3	BS20-../DSE06LA4	34	7600	-
0.25	11	143	1.9	127.3	BS20-../DSE06LA4	34	8000	-
0.25	8.5	185	1.5	159.4	BS20-../DSE06LA4	34	8000	-
0.25	7.4	210	1.35	183.0	BS20-../DSE06LA4	34	8000	-
0.25	6.0	250	1.15	225.6	BS20-../DSE06LA4	34	8000	-
0.25	5.3	285	1.05	257.8	BS20Z-../DSE06LA4	35	8000	-
0.25	4.5	330	0.91	300.1	BS20Z-../DSE06LA4	35	8000	-
0.25	3.8	385	0.83	359.9	BS20Z-../DSE06LA4	35	8000	-
0.25	9.0	177	3.1	151.1	BS30-../DSE06LA4	51	9500	-
0.25	7.3	215	2.5	186.7	BS30-../DSE06LA4	51	10000	-
0.25	6.3	250	2.1	216.4	BS30-../DSE06LA4	51	10000	-
0.25	5.2	300	1.85	261.6	BS30Z-../DSE06LA4	54	10000	-
0.25	4.5	340	1.7	306.6	BS30Z-../DSE06LA4	54	10000	-
0.25	3.8	460	0.86	359.6	BS30Z-../DSE06LA4	54	10000	-
0.25	3.5	440	1.35	390.2	BS30Z-../DSE06LA4	54	10000	-
0.25	3.0	500	1.2	457.3	BS30Z-../DSE06LA4	54	10000	-
0.25	2.6	580	1.05	539.3	BS30Z-../DSE06LA4	54	10000	-
0.25	2.1	680	0.85	651.0	BS30Z-../DSE06LA4	54	10000	-
0.25	6.9	255	2.7	197.1	BS40Z-../DSE06LA4	68	15000	-
0.25	5.5	270	3.3	249.6	BS40Z-../DSE06LA4	68	15000	-
0.25	4.7	375	1.9	287.7	BS40Z-../DSE06LA4	68	15000	-
0.25	4.5	330	3.2	302.1	BS40Z-../DSE06LA4	68	15000	-
0.25	3.8	395	2.7	356.8	BS40Z-../DSE06LA4	68	15000	-
0.25	3.1	485	2.0	446.8	BS40Z-../DSE06LA4	68	15000	-
0.25	2.6	570	1.95	520.8	BS40Z-../DSE06LA4	68	15000	-
0.25	2.3	630	1.45	612.1	BS40Z-../DSE06LA4	68	15000	-
0.25	1.9	750	1.0	736.5	BS40Z-../DSE06LA4	68	15000	-
0.25	1.5	930	0.8	908.2	BS40Z-../DSE06LA4	68	15000	-

9

0.37 kW



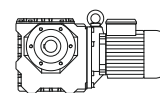
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.37	295	10.5	1.45	4.60	BS02-../DSE07LA4	9.3	1000	-
0.37	250	12.4	1.6	5.40	BS02-../DSE07LA4	9.3	1000	-
0.37	200	15.1	1.65	6.75	BS02-../DSE07LA4	9.3	1000	-
0.37	164	18	1.4	8.25	BS02-../DSE07LA4	9.3	1100	-
0.37	127	22.5	1.1	10.67	BS02-../DSE07LA4	9.3	1250	-
0.37	100	27.5	0.91	13.50	BS02-../DSE07LA4	9.3	1250	-
0.37	100	27.5	2.0	13.50	BS03-../DSE07LA4	9.4	1600	-
0.37	72	37	1.5	19.00	BS03-../DSE07LA4	9.4	1950	-
0.37	54	45	1.2	25.00	BS03-../DSE07LA4	9.4	1950	-
0.37	41	52	1.05	33.00	BS03-../DSE07LA4	9.4	1950	-
0.37	35	64	0.86	39.00	BS03-../DSE07LA4	9.4	1950	-
0.37	225	12.2	2.1	6.13	BS04-../DSE07LA4	9.8	1300	-
0.37	152	18.1	1.65	8.93	BS04-../DSE07LA4	9.8	1500	-
0.37	126	21.5	1.5	10.73	BS04-../DSE07LA4	9.8	1600	-
0.37	104	26	1.25	13.09	BS04-../DSE07LA4	9.8	1760	-

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

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

0.37 kW								
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.37	83	32.5	1.1	16.31	BS04-../DSE07LA4	9.8	1970	-
0.37	75	33	1.05	18.00	BS04-../DSE07LA4	9.8	1950	-
0.37	65	41	0.9	20.96	BS04-../DSE07LA4	9.8	2100	-
0.37	152	18.8	3.3	8.93	BS06-../DSE07LA4	14	1710	-
0.37	126	22.5	2.9	10.73	BS06-../DSE07LA4	14	1850	-
0.37	96	29.5	2.3	14.07	BS06-../DSE07LA4	14	2200	-
0.37	82	34	2.1	16.56	BS06-../DSE07LA4	14	2400	-
0.37	69	40.5	1.85	19.82	BS06-../DSE07LA4	14	2500	-
0.37	56	50	1.55	24.25	BS06-../DSE07LA4	14	2600	-
0.37	52	49.5	1.55	26.21	BS06-../DSE07LA4	14	3000	-
0.37	43	59	1.35	31.50	BS06-../DSE07LA4	14	3200	-
0.37	33	77	1.1	41.29	BS06-../DSE07LA4	14	3500	-
0.37	28	90	0.98	48.60	BS06-../DSE07LA4	14	3500	-
0.37	23.5	106	0.86	58.15	BS06-../DSE07LA4	14	3500	-
0.37	63	44.5	2.8	21.61	BS10-../DSE07LA4	26	3000	-
0.37	52	53	2.5	26.42	BS10-../DSE07LA4	26	3250	-
0.37	40.5	66	2.0	33.55	BS10-../DSE07LA4	26	3550	-
0.37	34	77	1.8	39.96	BS10-../DSE07LA4	26	3800	-
0.37	28.5	92	1.6	47.59	BS10-../DSE07LA4	26	4050	-
0.37	24	108	1.4	57.12	BS10-../DSE07LA4	26	4350	-
0.37	22.5	105	1.45	60.74	BS10-../DSE07LA4	26	4550	-
0.37	19	137	1.15	71.96	BS10-../DSE07LA4	26	5000	-
0.37	16.5	158	0.95	84.36	BS10-../DSE07LA4	26	5300	-
0.37	13.5	167	0.96	103.4	BS10-../DSE07LA4	26	5600	-
0.37	32.5	82	3.3	42.08	BS20-../DSE07LA4	36	5200	-
0.37	28	94	2.9	48.98	BS20-../DSE07LA4	36	5500	-
0.37	27	87	3.1	50.44	BS20-../DSE07LA4	36	5700	-
0.37	23	115	2.4	58.74	BS20-../DSE07LA4	36	5900	-
0.37	19.5	135	2.2	70.30	BS20-../DSE07LA4	36	6300	-
0.37	18	129	2.1	76.18	BS20-../DSE07LA4	36	6600	-
0.37	15.5	150	1.8	88.67	BS20-../DSE07LA4	36	7000	-
0.37	13	179	1.5	106.3	BS20-../DSE07LA4	36	7600	-
0.37	11	210	1.3	127.3	BS20-../DSE07LA4	36	8000	-
0.37	8.5	270	1.0	159.4	BS20-../DSE07LA4	36	8000	-
0.37	7.4	315	0.89	183.0	BS20-../DSE07LA4	36	8000	-
0.37	6.8	330	0.85	201.4	BS20Z-../DSE07LA4	38	8000	-
0.37	16.5	164	2.5	83.48	BS30-../DSE07LA4	54	6800	-
0.37	15	162	3.0	90.59	BS30-../DSE07LA4	54	7700	-
0.37	13	184	2.8	106.2	BS30-../DSE07LA4	54	8200	-
0.37	11	215	2.4	125.2	BS30-../DSE07LA4	54	8700	-
0.37	9.0	260	2.1	151.1	BS30-../DSE07LA4	54	9500	-
0.37	7.3	315	1.7	186.7	BS30-../DSE07LA4	54	10000	-
0.37	6.3	370	1.4	216.4	BS30-../DSE07LA4	54	10000	-
0.37	5.2	445	1.25	261.6	BS30Z-../DSE07LA4	56	10000	-
0.37	4.5	510	1.15	306.6	BS30Z-../DSE07LA4	56	10000	-
0.37	3.5	650	0.91	390.2	BS30Z-../DSE07LA4	56	10000	-
0.37	3.0	750	0.8	457.3	BS30Z-../DSE07LA4	56	10000	-
0.37	6.9	375	1.85	197.1	BS40Z-../DSE07LA4	70	15000	-
0.37	5.5	400	2.3	249.6	BS40Z-../DSE07LA4	70	15000	-
0.37	4.7	550	1.3	287.7	BS40Z-../DSE07LA4	70	15000	-
0.37	4.5	490	2.2	302.1	BS40Z-../DSE07LA4	70	15000	-
0.37	3.8	580	1.85	356.8	BS40Z-../DSE07LA4	70	15000	-
0.37	3.1	710	1.4	446.8	BS40Z-../DSE07LA4	70	15000	-
0.37	2.6	850	1.3	520.8	BS40Z-../DSE07LA4	70	15000	-
0.37	2.3	930	0.98	612.1	BS40Z-../DSE07LA4	70	15000	-

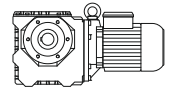


The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

0.55 kW



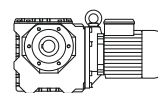
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:]		[kg]	[N]	[N]
0.55	305	15.1	2.6	4.60	BS03-../DSE08MA4	10	1070	-
0.55	235	19.6	2.2	6.00	BS03-../DSE08MA4	10	1170	-
0.55	175	25.5	1.9	8.00	BS03-../DSE08MA4	10	1320	-
0.55	140	31.5	1.65	10.00	BS03-../DSE08MA4	10	1450	-
0.55	104	39	1.4	13.50	BS03-../DSE08MA4	10	1600	-
0.55	74	53	1.05	19.00	BS03-../DSE08MA4	10	1950	-
0.55	56	64	0.86	25.00	BS03-../DSE08MA4	10	1950	-
0.55	210	20	2.8	6.67	BS06-../DSE08MA4	16	1550	-
0.55	157	27	2.3	8.93	BS06-../DSE08MA4	16	1710	-
0.55	131	32	2.0	10.73	BS06-../DSE08MA4	16	1850	-
0.55	100	42.5	1.6	14.07	BS06-../DSE08MA4	16	2200	-
0.55	85	49	1.45	16.56	BS06-../DSE08MA4	16	2400	-
0.55	71	59	1.25	19.82	BS06-../DSE08MA4	16	2500	-
0.55	58	72	1.05	24.25	BS06-../DSE08MA4	16	2600	-
0.55	54	71	1.1	26.21	BS06-../DSE08MA4	16	3000	-
0.55	44.5	86	0.93	31.50	BS06-../DSE08MA4	16	3200	-
0.55	113	37	2.9	12.49	BS10-../DSE08MA4	27	2400	-
0.55	83	50	2.4	16.92	BS10-../DSE08MA4	27	2700	-
0.55	65	64	1.95	21.61	BS10-../DSE08MA4	27	3000	-
0.55	62	58	2.0	22.60	BS10-../DSE08MA4	27	3200	-
0.55	53	77	1.7	26.42	BS10-../DSE08MA4	27	3250	-
0.55	46	78	1.65	30.63	BS10-../DSE08MA4	27	3550	-
0.55	42	95	1.4	33.55	BS10-../DSE08MA4	27	3550	-
0.55	35.5	110	1.25	39.96	BS10-../DSE08MA4	27	3800	-
0.55	29.5	133	1.1	47.59	BS10-../DSE08MA4	27	4050	-
0.55	25	155	0.97	57.12	BS10-../DSE08MA4	27	4350	-
0.55	23.5	149	1.0	60.74	BS10-../DSE08MA4	27	4550	-
0.55	19.5	199	0.8	71.96	BS10-../DSE08MA4	27	5000	-
0.55	51	80	3.1	27.86	BS20-../DSE08MA4	37	4450	-
0.55	46	82	3.0	30.63	BS20-../DSE08MA4	37	4750	-
0.55	43	94	2.9	32.87	BS20-../DSE08MA4	37	4750	-
0.55	35	108	2.4	40.25	BS20-../DSE08MA4	37	5300	-
0.55	33.5	119	2.3	42.08	BS20-../DSE08MA4	37	5200	-
0.55	29	135	2.0	48.98	BS20-../DSE08MA4	37	5500	-
0.55	28	125	2.2	50.44	BS20-../DSE08MA4	37	5700	-
0.55	24	164	1.7	58.74	BS20-../DSE08MA4	37	5900	-
0.55	20	196	1.55	70.30	BS20-../DSE08MA4	37	6300	-
0.55	18.5	187	1.45	76.18	BS20-../DSE08MA4	37	6600	-
0.55	16	215	1.25	88.67	BS20-../DSE08MA4	37	7000	-
0.55	13.5	255	1.05	106.3	BS20-../DSE08MA4	37	7600	-
0.55	11	315	0.86	127.3	BS20-../DSE08MA4	37	8000	-
0.55	28	144	3.1	50.04	BS30-../DSE08MA4	55	5900	-
0.55	24	168	2.7	58.64	BS30-../DSE08MA4	55	6900	-
0.55	20	183	2.6	71.17	BS30-../DSE08MA4	55	7000	-
0.55	17	235	1.75	83.48	BS30-../DSE08MA4	55	6800	-
0.55	15.5	230	2.1	90.59	BS30-../DSE08MA4	55	7700	-
0.55	13.5	260	1.95	106.2	BS30-../DSE08MA4	55	8200	-
0.55	11.5	310	1.7	125.2	BS30-../DSE08MA4	55	8700	-
0.55	9.3	375	1.45	151.1	BS30-../DSE08MA4	55	9500	-
0.55	7.5	460	1.2	186.7	BS30-../DSE08MA4	55	10000	-
0.55	6.5	530	0.98	216.4	BS30-../DSE08MA4	55	10000	-
0.55	5.4	640	0.88	261.6	BS30Z-../DSE08MA4	58	10000	-
0.55	11.5	305	3.2	126.0	BS40-../DSE08MA4	68	14900	-
0.55	9.5	355	2.7	148.1	BS40-../DSE08MA4	68	15000	-
0.55	7.9	430	1.9	178.2	BS40-../DSE08MA4	68	15000	-
0.55	6.4	510	1.55	219.7	BS40-../DSE08MA4	68	15000	-
0.55	5.7	580	1.55	249.6	BS40Z-../DSE08MA4	71	15000	-
0.55	4.9	790	0.91	287.7	BS40Z-../DSE08MA4	71	15000	-
0.55	4.7	700	1.55	302.1	BS40Z-../DSE08MA4	71	15000	-
0.55	4.0	820	1.3	356.8	BS40Z-../DSE08MA4	71	15000	-
0.55	3.2	1030	0.96	446.8	BS40Z-../DSE08MA4	71	15000	-
0.55	2.7	1220	0.9	520.8	BS40Z-../DSE08MA4	71	15000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

0.75 kW



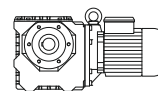
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.75	305	20.5	1.95	4.60	BS03-../DSE08LA4	12	1070	-
0.75	235	26.5	1.65	6.00	BS03-../DSE08LA4	12	1170	-
0.75	175	35	1.35	8.00	BS03-../DSE08LA4	12	1320	-
0.75	140	42.5	1.2	10.00	BS03-../DSE08LA4	12	1450	-
0.75	104	53	1.05	13.50	BS03-../DSE08LA4	12	1600	-
0.75	210	27.5	2.0	6.67	BS06-../DSE08LA4	17	1550	-
0.75	157	36.5	1.7	8.93	BS06-../DSE08LA4	17	1710	-
0.75	131	44	1.5	10.73	BS06-../DSE08LA4	17	1850	-
0.75	100	58	1.15	14.07	BS06-../DSE08LA4	17	2200	-
0.75	85	67	1.05	16.56	BS06-../DSE08LA4	17	2400	-
0.75	71	80	0.94	19.82	BS06-../DSE08LA4	17	2500	-
0.75	54	96	0.8	26.21	BS06-../DSE08LA4	17	3000	-
0.75	113	50	2.2	12.49	BS10-../DSE08LA4	28	2400	-
0.75	83	69	1.75	16.92	BS10-../DSE08LA4	28	2700	-
0.75	65	88	1.4	21.61	BS10-../DSE08LA4	28	3000	-
0.75	62	79	1.5	22.60	BS10-../DSE08LA4	28	3200	-
0.75	53	105	1.25	26.42	BS10-../DSE08LA4	28	3250	-
0.75	46	107	1.2	30.63	BS10-../DSE08LA4	28	3550	-
0.75	42	129	1.05	33.55	BS10-../DSE08LA4	28	3550	-
0.75	35.5	151	0.93	39.96	BS10-../DSE08LA4	28	3800	-
0.75	29.5	182	0.8	47.59	BS10-../DSE08LA4	28	4050	-
0.75	83	69	3.2	16.92	BS20-../DSE08LA4	39	3700	-
0.75	63	92	2.5	22.23	BS20-../DSE08LA4	39	4100	-
0.75	61	84	2.7	23.13	BS20-../DSE08LA4	39	4300	-
0.75	51	109	2.3	27.86	BS20-../DSE08LA4	39	4450	-
0.75	46	112	2.2	30.63	BS20-../DSE08LA4	39	4750	-
0.75	43	128	2.1	32.87	BS20-../DSE08LA4	39	4750	-
0.75	35	147	1.75	40.25	BS20-../DSE08LA4	39	5300	-
0.75	33.5	162	1.65	42.08	BS20-../DSE08LA4	39	5200	-
0.75	29	185	1.45	48.98	BS20-../DSE08LA4	39	5500	-
0.75	28	171	1.6	50.44	BS20-../DSE08LA4	39	5700	-
0.75	24	220	1.25	58.74	BS20-../DSE08LA4	39	5900	-
0.75	20	265	1.15	70.30	BS20-../DSE08LA4	39	6300	-
0.75	18.5	255	1.05	76.18	BS20-../DSE08LA4	39	6600	-
0.75	16	295	0.92	88.67	BS20-../DSE08LA4	39	7000	-
0.75	42	139	3.0	33.55	BS30-../DSE08LA4	56	5200	-
0.75	37	145	2.9	37.92	BS30-../DSE08LA4	56	5500	-
0.75	36	161	2.7	39.31	BS30-../DSE08LA4	56	5500	-
0.75	28	196	2.3	50.04	BS30-../DSE08LA4	56	5900	-
0.75	24	225	2.0	58.64	BS30-../DSE08LA4	56	6900	-
0.75	20	250	1.9	71.17	BS30-../DSE08LA4	56	7000	-
0.75	17	320	1.3	83.48	BS30-../DSE08LA4	56	6800	-
0.75	15.5	315	1.55	90.59	BS30-../DSE08LA4	56	7700	-
0.75	13.5	360	1.4	106.2	BS30-../DSE08LA4	56	8200	-
0.75	11.5	420	1.25	125.2	BS30-../DSE08LA4	56	8700	-
0.75	9.3	510	1.05	151.1	BS30-../DSE08LA4	56	9500	-
0.75	7.5	630	0.86	186.7	BS30-../DSE08LA4	56	10000	-
0.75	20.5	265	2.8	69.60	BS40-../DSE08LA4	69	11800	-
0.75	16.5	295	3.1	86.33	BS40-../DSE08LA4	69	12900	-
0.75	13	365	2.6	108.1	BS40-../DSE08LA4	69	14000	-
0.75	11.5	415	2.4	126.0	BS40-../DSE08LA4	69	14900	-
0.75	9.5	490	2.0	148.1	BS40-../DSE08LA4	69	15000	-
0.75	7.9	580	1.4	178.2	BS40-../DSE08LA4	69	15000	-
0.75	6.4	700	1.15	219.7	BS40-../DSE08LA4	69	15000	-
0.75	5.7	790	1.15	249.6	BS40Z-../DSE08LA4	73	15000	-
0.75	4.7	960	1.1	302.1	BS40Z-../DSE08LA4	73	15000	-
0.75	4.0	1120	0.96	356.8	BS40Z-../DSE08LA4	73	15000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

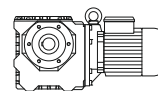
1.1 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
1.1	305	30	1.35	4.60	BS03-../DSE08XA4	13	1070	-
1.1	235	39	1.15	6.00	BS03-../DSE08XA4	13	1170	-
1.1	175	51	0.94	8.00	BS03-../DSE08XA4	13	1320	-
1.1	140	63	0.83	10.00	BS03-../DSE08XA4	13	1450	-
1.1	210	40.5	1.4	6.67	BS06-../DSE08XA4	18	1550	-
1.1	157	54	1.15	8.93	BS06-../DSE08XA4	18	1710	-
1.1	131	64	1.0	10.73	BS06-../DSE08XA4	18	1850	-
1.1	100	85	0.8	14.07	BS06-../DSE08XA4	18	2200	-
1.1	113	74	1.45	12.49	BS10-../DSE08XA4	30	2400	-
1.1	83	101	1.2	16.92	BS10-../DSE08XA4	30	2700	-
1.1	65	129	0.97	21.61	BS10-../DSE08XA4	30	3000	-
1.1	62	116	1.0	22.60	BS10-../DSE08XA4	30	3200	-
1.1	53	154	0.84	26.42	BS10-../DSE08XA4	30	3250	-
1.1	46	157	0.83	30.63	BS10-../DSE08XA4	30	3550	-
1.1	110	77	2.6	12.77	BS20-../DSE08XA4	40	3350	-
1.1	83	102	2.2	16.92	BS20-../DSE08XA4	40	3700	-
1.1	63	135	1.7	22.23	BS20-../DSE08XA4	40	4100	-
1.1	61	123	1.85	23.13	BS20-../DSE08XA4	40	4300	-
1.1	51	160	1.55	27.86	BS20-../DSE08XA4	40	4450	-
1.1	46	164	1.5	30.63	BS20-../DSE08XA4	40	4750	-
1.1	43	188	1.45	32.87	BS20-../DSE08XA4	40	4750	-
1.1	35	215	1.2	40.25	BS20-../DSE08XA4	40	5300	-
1.1	33.5	235	1.15	42.08	BS20-../DSE08XA4	40	5200	-
1.1	29	270	1.0	48.98	BS20-../DSE08XA4	40	5500	-
1.1	28	250	1.1	50.44	BS20-../DSE08XA4	40	5700	-
1.1	24	325	0.86	58.74	BS20-../DSE08XA4	40	5900	-
1.1	67	130	2.9	20.94	BS30-../DSE08XA4	57	4300	-
1.1	59	133	2.8	24.06	BS30-../DSE08XA4	57	4600	-
1.1	52	167	2.4	27.07	BS30-../DSE08XA4	57	4750	-
1.1	46	171	2.3	30.63	BS30-../DSE08XA4	57	5000	-
1.1	42	205	2.0	33.55	BS30-../DSE08XA4	57	5200	-
1.1	37	210	2.0	37.92	BS30-../DSE08XA4	57	5500	-
1.1	36	235	1.85	39.31	BS30-../DSE08XA4	57	5500	-
1.1	28	285	1.6	50.04	BS30-../DSE08XA4	57	5900	-
1.1	24	335	1.35	58.64	BS30-../DSE08XA4	57	6900	-
1.1	20	365	1.3	71.17	BS30-../DSE08XA4	57	7000	-
1.1	17	475	0.86	83.48	BS30-../DSE08XA4	57	6800	-
1.1	15.5	465	1.05	90.59	BS30-../DSE08XA4	57	7700	-
1.1	13.5	520	0.98	106.2	BS30-../DSE08XA4	57	8200	-
1.1	11.5	620	0.84	125.2	BS30-../DSE08XA4	57	8700	-
1.1	29.5	275	3.0	47.69	BS40-../DSE08XA4	70	9600	-
1.1	23.5	315	2.7	60.38	BS40-../DSE08XA4	70	11200	-
1.1	20.5	390	1.9	69.60	BS40-../DSE08XA4	70	11800	-
1.1	19.5	375	2.3	73.09	BS40-../DSE08XA4	70	12100	-
1.1	16.5	435	2.1	86.33	BS40-../DSE08XA4	70	12900	-
1.1	13	540	1.75	108.1	BS40-../DSE08XA4	70	14000	-
1.1	11.5	610	1.6	126.0	BS40-../DSE08XA4	70	14900	-
1.1	9.5	710	1.35	148.1	BS40-../DSE08XA4	70	15000	-
1.1	7.9	860	0.95	178.2	BS40-../DSE08XA4	70	15000	-

9

1.5 kW



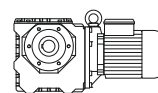
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
1.5	114	100	1.1	12.49	BS10-../DSE09LA4	36	2400	-
1.5	84	136	0.88	16.92	BS10-../DSE09LA4	36	2700	-
1.5	112	103	1.95	12.77	BS20-../DSE09LA4	46	3350	-
1.5	84	138	1.6	16.92	BS20-../DSE09LA4	46	3700	-
1.5	64	181	1.25	22.23	BS20-../DSE09LA4	46	4100	-

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

BS-series worm-geared motors

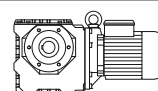
Selection - worm-geared motors DSE - IE1

1.5 kW



P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[-]	[:1]		[kg]	[N]	[N]
1.5	62	166	1.35	23.13	BS20-../DSE09LA4	46	4300	-
1.5	51	215	1.15	27.86	BS20-../DSE09LA4	46	4450	-
1.5	46.5	220	1.15	30.63	BS20-../DSE09LA4	46	4750	-
1.5	43.5	250	1.1	32.87	BS20-../DSE09LA4	46	4750	-
1.5	35.5	290	0.9	40.25	BS20-../DSE09LA4	46	5300	-
1.5	34	320	0.84	42.08	BS20-../DSE09LA4	46	5200	-
1.5	28.5	335	0.81	50.44	BS20-../DSE09LA4	46	5700	-
1.5	107	111	3.0	13.29	BS30-../DSE09LA4	64	3600	-
1.5	84	141	2.6	16.92	BS30-../DSE09LA4	64	3950	-
1.5	68	174	2.2	20.94	BS30-../DSE09LA4	64	4300	-
1.5	60	179	2.1	24.06	BS30-../DSE09LA4	64	4600	-
1.5	53	220	1.8	27.07	BS30-../DSE09LA4	64	4750	-
1.5	46.5	230	1.75	30.63	BS30-../DSE09LA4	64	5000	-
1.5	42.5	275	1.55	33.55	BS30-../DSE09LA4	64	5200	-
1.5	37.5	285	1.45	37.92	BS30-../DSE09LA4	64	5500	-
1.5	36.5	315	1.35	39.31	BS30-../DSE09LA4	64	5500	-
1.5	28.5	385	1.15	50.04	BS30-../DSE09LA4	64	5900	-
1.5	24.5	450	1.0	58.64	BS30-../DSE09LA4	64	6900	-
1.5	20	500	0.96	71.17	BS30-../DSE09LA4	64	7000	-
1.5	16	610	0.8	90.59	BS30-../DSE09LA4	64	7700	-
1.5	46.5	225	3.3	30.63	BS40-../DSE09LA4	77	8700	-
1.5	43	265	2.9	33.35	BS40-../DSE09LA4	77	8300	-
1.5	37.5	275	2.8	38.13	BS40-../DSE09LA4	77	9400	-
1.5	35.5	315	2.5	40.37	BS40-../DSE09LA4	77	9000	-
1.5	30	370	2.2	47.69	BS40-../DSE09LA4	77	9600	-
1.5	24	420	2.0	60.38	BS40-../DSE09LA4	77	11200	-
1.5	20.5	530	1.4	69.60	BS40-../DSE09LA4	77	11800	-
1.5	19.5	510	1.75	73.09	BS40-../DSE09LA4	77	12100	-
1.5	16.5	590	1.55	86.33	BS40-../DSE09LA4	77	12900	-
1.5	13.5	710	1.35	108.1	BS40-../DSE09LA4	77	14000	-
1.5	11.5	830	1.2	126.0	BS40-../DSE09LA4	77	14900	-
1.5	9.6	960	1.0	148.1	BS40-../DSE09LA4	77	15000	-

2.2 kW



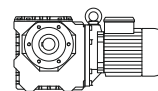
P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[-]	[:1]		[kg]	[N]	[N]
2.2	112	151	1.3	12.77	BS20-../DSE09XA4	50	3350	-
2.2	84	200	1.1	16.92	BS20-../DSE09XA4	50	3700	-
2.2	64	265	0.87	22.23	BS20-../DSE09XA4	50	4100	-
2.2	62	240	0.95	23.13	BS20-../DSE09XA4	50	4300	-
2.2	107	162	2.0	13.29	BS30-../DSE09XA4	68	3600	-
2.2	84	205	1.75	16.92	BS30-../DSE09XA4	68	3950	-
2.2	68	255	1.5	20.94	BS30-../DSE09XA4	68	4300	-
2.2	60	260	1.4	24.06	BS30-../DSE09XA4	68	4600	-
2.2	53	325	1.25	27.07	BS30-../DSE09XA4	68	4750	-
2.2	46.5	335	1.2	30.63	BS30-../DSE09XA4	68	5000	-
2.2	42.5	405	1.05	33.55	BS30-../DSE09XA4	68	5200	-
2.2	37.5	420	1.0	37.92	BS30-../DSE09XA4	68	5500	-
2.2	36.5	465	0.92	39.31	BS30-../DSE09XA4	68	5500	-
2.2	28.5	560	0.8	50.04	BS30-../DSE09XA4	68	5900	-
2.2	84	210	3.2	16.92	BS40-../DSE09XA4	81	6400	-
2.2	68	250	2.8	21.06	BS40-../DSE09XA4	81	6900	-
2.2	61	250	2.7	23.59	BS40-../DSE09XA4	81	7900	-
2.2	55	310	2.4	26.18	BS40-../DSE09XA4	81	7500	-
2.2	46.5	330	2.3	30.63	BS40-../DSE09XA4	81	8700	-
2.2	43	390	2.0	33.35	BS40-../DSE09XA4	81	8300	-
2.2	37.5	405	1.95	38.13	BS40-../DSE09XA4	81	9400	-
2.2	35.5	465	1.7	40.37	BS40-../DSE09XA4	81	9000	-
2.2	30	540	1.55	47.69	BS40-../DSE09XA4	81	9600	-
2.2	24	620	1.4	60.38	BS40-../DSE09XA4	81	11200	-

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

BS-series worm-geared motors

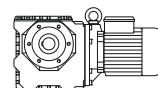
Selection - worm-geared motors DSE - IE1

2.2 kW



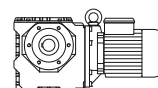
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
2.2	20.5	780	0.95	69.60	BS40-../DSE09XA4	81	11800	-
2.2	19.5	750	1.15	73.09	BS40-../DSE09XA4	81	12100	-
2.2	16.5	870	1.05	86.33	BS40-../DSE09XA4	81	12900	-
2.2	13.5	1040	0.91	108.1	BS40-../DSE09XA4	81	14000	-
2.2	11.5	1220	0.8	126.0	BS40-../DSE09XA4	81	14900	-

3 kW



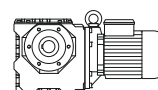
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
3	107	220	1.5	13.29	BS30-../DSE11SA4	77	3600	-
3	84	280	1.3	16.92	BS30-../DSE11SA4	77	3950	-
3	68	345	1.1	20.94	BS30-../DSE11SA4	77	4300	-
3	60	355	1.05	24.06	BS30-../DSE11SA4	77	4600	-
3	53	445	0.9	27.07	BS30-../DSE11SA4	77	4750	-
3	46.5	460	0.87	30.63	BS30-../DSE11SA4	77	5000	-
3	109	220	2.8	13.03	BS40-../DSE11SA4	95	5800	-
3	84	285	2.4	16.92	BS40-../DSE11SA4	95	6400	-
3	68	345	2.1	21.06	BS40-../DSE11SA4	95	6900	-
3	61	345	2.0	23.59	BS40-../DSE11SA4	95	7900	-
3	55	425	1.75	26.18	BS40-../DSE11SA4	95	7500	-
3	46.5	455	1.65	30.63	BS40-../DSE11SA4	95	8700	-
3	43	530	1.45	33.35	BS40-../DSE11SA4	95	8300	-
3	37.5	550	1.4	38.13	BS40-../DSE11SA4	95	9400	-
3	35.5	630	1.25	40.37	BS40-../DSE11SA4	95	9000	-
3	30	740	1.1	47.69	BS40-../DSE11SA4	95	9600	-
3	24	840	1.0	60.38	BS40-../DSE11SA4	95	11200	-
3	19.5	1020	0.86	73.09	BS40-../DSE11SA4	95	12100	-

4 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
4	107	295	1.15	13.29	BS30-../DSE11MA4	77	3600	-
4	84	375	0.96	16.92	BS30-../DSE11MA4	77	3950	-
4	68	465	0.82	20.94	BS30-../DSE11MA4	77	4300	-
4	109	295	2.1	13.03	BS40-../DSE11MA4	95	5800	-
4	84	385	1.75	16.92	BS40-../DSE11MA4	95	6400	-
4	68	460	1.55	21.06	BS40-../DSE11MA4	95	6900	-
4	61	460	1.5	23.59	BS40-../DSE11MA4	95	7900	-
4	55	560	1.3	26.18	BS40-../DSE11MA4	95	7500	-
4	46.5	600	1.25	30.63	BS40-../DSE11MA4	95	8700	-
4	43	710	1.1	33.35	BS40-../DSE11MA4	95	8300	-
4	37.5	740	1.05	38.13	BS40-../DSE11MA4	95	9400	-
4	35.5	850	0.94	40.37	BS40-../DSE11MA4	95	9000	-
4	30	990	0.84	47.69	BS40-../DSE11MA4	95	9600	-

5.5 kW



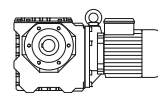
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
5.5	107	405	0.82	13.29	BS30-../DSE11LA4	89	3600	-
5.5	109	405	1.5	13.03	BS40-../DSE11LA4	107	5800	-

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

BS-series worm-geared motors

Selection - worm-geared motors DSE - IE1

5.5 kW

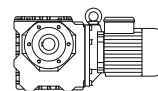


P_N	n_2	50 Hz		i	Type	m		
[kW]	[1/min]	M_2	f_B	[:1]		[kg]	[N]	[N]
5.5	84	530	1.25	16.92	BS40-../DSE11LA4	107	6400	-
5.5	68	630	1.15	21.06	BS40-../DSE11LA4	107	6900	-
5.5	61	630	1.1	23.59	BS40-../DSE11LA4	107	7900	-
5.5	55	780	0.95	26.18	BS40-../DSE11LA4	107	7500	-
5.5	46.5	830	0.9	30.63	BS40-../DSE11LA4	107	8700	-
5.5	43	970	0.8	33.35	BS40-../DSE11LA4	107	8300	-

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

0.03 kW



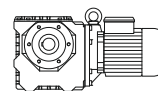
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:]		[kg]	[N]	[N]
0.03	75	2.8	8.9	18.00	BS02-../D04LA4	3.5	1250	-
0.03	62	3.2	7.8	22.00	BS02-../D04LA4	3.5	1250	-
0.03	50	3.6	6.9	27.00	BS02-../D04LA4	3.5	1250	-
0.03	41	4.15	6.0	33.00	BS02-../D04LA4	3.5	1250	-
0.03	31.5	5.6	4.3	43.00	BS02-../D04LA4	3.5	1250	-
0.03	25	6.5	3.4	54.00	BS02-../D04LA4	3.5	1250	-
0.03	19.5	7.4	2.7	70.00	BS02-../D04LA4	3.5	1250	-
0.03	14.5	11.6	3.3	93.92	BS04-../D04LA4	3.9	2250	-
0.03	13.5	13.5	2.8	102.9	BS04-../D04LA4	3.9	2250	-
0.03	12	13.6	2.8	117.0	BS04-../D04LA4	3.9	2250	-
0.03	11	16.4	2.5	123.0	BS04-../D04LA4	3.9	2250	-
0.03	9.8	18.1	2.3	138.4	BS04-../D04LA4	3.9	2250	-
0.03	9.0	17.5	2.2	150.3	BS04-../D04LA4	3.9	2250	-
0.03	8.5	20.5	1.8	160.1	BS04-../D04LA4	3.9	2250	-
0.03	7.8	19.8	2.0	174.0	BS04-../D04LA4	3.9	2250	-
0.03	6.2	24	1.65	220.0	BS04-../D04LA4	3.9	2250	-
0.03	5.4	27.5	1.5	251.6	BS04-../D04LA4	3.9	2250	-
0.03	4.5	32	1.35	300.7	BS04-../D04LA4	3.9	2250	-
0.03	4.0	35.5	1.25	338.3	BS04-../D04LA4	3.9	2250	-
0.03	3.5	40	1.15	391.3	BS04-../D04LA4	3.9	2250	-
0.03	3.6	56	1.7	381.5	BS06G04-../D04LA4	11	3500	-
0.03	2.9	70	1.35	474.8	BS06G04-../D04LA4	11	3500	-
0.03	2.5	79	1.25	552.6	BS06G04-../D04LA4	11	3500	-
0.03	2.3	88	1.05	610.7	BS06G04-../D04LA4	11	3500	-
0.03	2.0	101	0.93	704.7	BS06G04-../D04LA4	11	3500	-
0.03	1.6	94*	1.0	847.0	BS06G04-../D04LA4	11	3500	-
0.03	1.5	94*	1.0	939.6	BS06G04-../D04LA4	11	3500	-
0.03	1.2	94*	1.0	1170	BS06G04-../D04LA4	11	3500	-
0.03	0.9	94*	1.0	1503	BS06G04-../D04LA4	11	3500	-
0.03	0.85	94*	1.0	1654	BS06G04-../D04LA4	11	3500	-
0.03	0.75	94*	1.0	1914	BS06G04-../D04LA4	11	3500	-
0.03	0.65	94*	1.0	2200	BS06G04-../D04LA4	11	3500	-
0.03	0.49	94*	1.0	2768	BS06G04-../D04LA4	11	3500	-
0.03	0.45	94*	1.0	3007	BS06G04-../D04LA4	11	3500	-
0.03	0.41	94*	1.0	3308	BS06G04-../D04LA4	11	3500	-
0.03	0.37	94*	1.0	3721	BS06G04-../D04LA4	11	3500	-
0.03	0.32	94*	1.0	4304	BS06G04-../D04LA4	11	3500	-
0.03	0.28	98*	1.0	4947	BS06G04-../D04LA4	11	3500	-
0.03	0.25	98*	1.0	5442	BS06G04-../D04LA4	11	3500	-
0.03	0.22	100*	1.0	6234	BS06G04-../D04LA4	11	3500	-
0.03	5.4	30.5	3.2	252.0	BS06-../D04LA4	8.4	3500	-
0.03	4.3	37.5	2.8	315.3	BS06-../D04LA4	8.4	3500	-
0.03	3.8	42	2.6	358.9	BS06-../D04LA4	8.4	3500	-
0.03	3.3	47.5	2.3	418.0	BS06-../D04LA4	8.4	3500	-
0.03	2.5	67	2.8	544.8	BS10Z-../D04LA4	21	6000	-
0.03	2.2	72	2.6	638.7	BS10Z-../D04LA4	21	6000	-
0.03	1.8	85	2.1	788.7	BS10Z-../D04LA4	21	6000	-
0.03	1.5	101	1.55	905.6	BS10Z-../D04LA4	21	6000	-
0.03	1.4	130	1.25	969.9	BS10G06-../D04LA4	25	6000	-
0.03	1.2	152	1.05	1166	BS10G06-../D04LA4	25	6000	-
0.03	1.1	166	0.96	1342	BS10G06-../D04LA4	25	6000	-
0.03	0.9	160*	1.0	1528	BS10G06-../D04LA4	25	6000	-
0.03	0.85	160*	1.0	1668	BS10G06-../D04LA4	25	6000	-
0.03	0.7	160*	1.0	1963	BS10G06-../D04LA4	25	6000	-
0.03	0.6	160*	1.0	2348	BS10G06-../D04LA4	25	6000	-
0.03	0.55	160*	1.0	2635	BS10G06-../D04LA4	25	6000	-
0.03	0.47	160*	1.0	2875	BS10G06-../D04LA4	25	6000	-
0.03	0.41	160*	1.0	3332	BS10G06-../D04LA4	25	6000	-
0.03	0.38	160*	1.0	3635	BS10G06-../D04LA4	25	6000	-
0.03	0.33	160*	1.0	4163	BS10G06-../D04LA4	25	6000	-
0.03	0.29	160*	1.0	4776	BS10G06-../D04LA4	25	6000	-
0.03	0.26	160*	1.0	5209	BS10G06-../D04LA4	25	6000	-
0.03	0.23	164*	1.0	6019	BS10G06-../D04LA4	25	6000	-
0.03	0.21	164*	1.0	6565	BS10G06-../D04LA4	25	6000	-
0.03	0.19	164*	1.0	7471	BS10G06-../D04LA4	25	6000	-
0.03	0.16	164*	1.0	8703	BS10G06-../D04LA4	25	6000	-

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

BS-series worm-geared motors

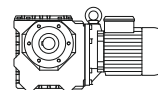
Selection - worm-geared motors DHE - IE2

0.03 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.03	1.7	111	2.4	831.7	BS20G06-../D04LA4	35	8000	-
0.03	1.4	135	2.0	1000	BS20G06-../D04LA4	35	8000	-
0.03	1.1	171	1.6	1311	BS20G06-../D04LA4	35	8000	-
0.03	0.9	210	1.3	1543	BS20G06-../D04LA4	35	8000	-
0.03	0.85	220	1.25	1683	BS20G06-../D04LA4	35	8000	-
0.03	0.7	270*	1.0	2014	BS20G06-../D04LA4	35	8000	-
0.03	0.55	270*	1.0	2465	BS20G06-../D04LA4	35	8000	-
0.03	0.48	270*	1.0	2857	BS20G06-../D04LA4	35	8000	-
0.03	0.44	270*	1.0	3117	BS20G06-../D04LA4	35	8000	-
0.03	0.38	270*	1.0	3570	BS20G06-../D04LA4	35	8000	-
0.03	0.33	270*	1.0	4096	BS20G06-../D04LA4	35	8000	-
0.03	0.28	270*	1.0	4910	BS20G06-../D04LA4	35	8000	-
0.03	0.23	270*	1.0	5880	BS20G06-../D04LA4	35	8000	-
0.03	0.19	275*	1.0	7363	BS20G06-../D04LA4	35	8000	-
0.03	0.17	275*	1.0	8031	BS20G06-../D04LA4	35	8000	-
0.03	0.15	280*	1.0	9220	BS20G06-../D04LA4	35	8000	-
0.03	1.2	164	3.0	1176	BS30G06-../D04LA4	53	10000	-
0.03	0.95	205	2.4	1461	BS30G06-../D04LA4	53	10000	-
0.03	0.9	215	2.3	1576	BS30G06-../D04LA4	53	10000	-
0.03	0.75	260	1.9	1886	BS30G06-../D04LA4	53	10000	-
0.03	0.6	325	1.5	2308	BS30G06-../D04LA4	53	10000	-
0.03	0.55	355	1.4	2518	BS30G06-../D04LA4	53	10000	-
0.03	0.47	420	1.15	2919	BS30G06-../D04LA4	53	10000	-
0.03	0.41	480	1.0	3344	BS30G06-../D04LA4	53	10000	-
0.03	0.38	490*	1.0	3647	BS30G06-../D04LA4	53	10000	-
0.03	0.33	490*	1.0	4184	BS30G06-../D04LA4	53	10000	-
0.03	0.28	510*	1.0	4905	BS30G06-../D04LA4	53	10000	-
0.03	0.24	520*	1.0	5783	BS30G06-../D04LA4	53	10000	-
0.03	0.22	520*	1.0	6308	BS30G06-../D04LA4	53	10000	-
0.03	0.19	520*	1.0	7179	BS30G06-../D04LA4	53	10000	-
0.03	0.17	520*	1.0	8362	BS30G06-../D04LA4	53	10000	-

0.04 kW



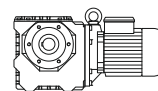
P _N	50 Hz			i	Type	m		
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.04	127	2.45	10	10.67	BS02-../D04LA4	3.5	1250	-
0.04	100	2.95	8.5	13.50	BS02-../D04LA4	3.5	1250	-
0.04	75	3.75	6.7	18.00	BS02-../D04LA4	3.5	1250	-
0.04	62	4.3	5.8	22.00	BS02-../D04LA4	3.5	1250	-
0.04	50	4.8	5.2	27.00	BS02-../D04LA4	3.5	1250	-
0.04	41	5.5	4.5	33.00	BS02-../D04LA4	3.5	1250	-
0.04	31.5	7.5	3.2	43.00	BS02-../D04LA4	3.5	1250	-
0.04	25	8.7	2.5	54.00	BS02-../D04LA4	3.5	1250	-
0.04	19.5	9.9	2.0	70.00	BS02-../D04LA4	3.5	1250	-
0.04	21.5	11.1	3.2	64.06	BS04-../D04LA4	3.9	2250	-
0.04	19	13.2	2.9	71.18	BS04-../D04LA4	3.9	2250	-
0.04	18	12.9	2.9	77.00	BS04-../D04LA4	3.9	2250	-
0.04	14.5	15.5	2.5	93.92	BS04-../D04LA4	3.9	2250	-
0.04	13.5	18.1	2.1	102.9	BS04-../D04LA4	3.9	2250	-
0.04	12	18.1	2.1	117.0	BS04-../D04LA4	3.9	2250	-
0.04	11	21.5	1.9	123.0	BS04-../D04LA4	3.9	2250	-
0.04	9.8	24	1.75	138.4	BS04-../D04LA4	3.9	2250	-
0.04	9.0	23	1.7	150.3	BS04-../D04LA4	3.9	2250	-
0.04	8.5	27	1.35	160.1	BS04-../D04LA4	3.9	2250	-
0.04	7.8	26	1.55	174.0	BS04-../D04LA4	3.9	2250	-
0.04	6.2	32.5	1.25	220.0	BS04-../D04LA4	3.9	2250	-
0.04	5.4	36.5	1.1	251.6	BS04-../D04LA4	3.9	2250	-
0.04	4.5	43	1.0	300.7	BS04-../D04LA4	3.9	2250	-
0.04	4.0	47.5	0.93	338.3	BS04-../D04LA4	3.9	2250	-
0.04	3.5	53	0.85	391.3	BS04-../D04LA4	3.9	2250	-
0.04	3.6	75	1.25	381.5	BS06G04-../D04LA4	11	3500	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

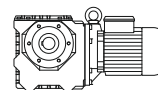
0.04 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.04	2.9	93	1.0	474.8	BS06G04-../D04LA4	11	3500	-
0.04	2.5	105	0.95	552.6	BS06G04-../D04LA4	11	3500	-
0.04	2.3	117	0.8	610.7	BS06G04-../D04LA4	11	3500	-
0.04	7.9	30.5	2.9	171.0	BS06-../D04LA4	8.4	3500	-
0.04	6.2	36	2.7	220.0	BS06-../D04LA4	8.4	3500	-
0.04	5.4	41	2.4	252.0	BS06-../D04LA4	8.4	3500	-
0.04	4.3	50	2.1	315.3	BS06-../D04LA4	8.4	3500	-
0.04	3.8	56	1.95	358.9	BS06-../D04LA4	8.4	3500	-
0.04	3.3	63	1.75	418.0	BS06-../D04LA4	8.4	3500	-
0.04	3.8	62	3.1	360.3	BS10Z-../D04LA4	21	6000	-
0.04	3.2	72	2.6	432.4	BS10Z-../D04LA4	21	6000	-
0.04	2.5	90	2.1	544.8	BS10Z-../D04LA4	21	6000	-
0.04	2.2	97	1.95	638.7	BS10Z-../D04LA4	21	6000	-
0.04	1.8	114	1.6	788.7	BS10Z-../D04LA4	21	6000	-
0.04	1.5	134	1.2	905.6	BS10Z-../D04LA4	21	6000	-
0.04	1.4	174	0.92	969.9	BS10G06-../D04LA4	25	6000	-
0.04	1.2	200	0.8	1166	BS10G06-../D04LA4	25	6000	-
0.04	1.8	114	2.7	763.4	BS20Z-../D04LA4	32	8000	-
0.04	1.7	148	1.8	831.7	BS20G06-../D04LA4	35	8000	-
0.04	1.4	180	1.5	1000	BS20G06-../D04LA4	35	8000	-
0.04	1.1	225	1.2	1311	BS20G06-../D04LA4	35	8000	-
0.04	1.4	188	2.6	1022	BS30G06-../D04LA4	53	10000	-
0.04	1.2	215	2.3	1176	BS30G06-../D04LA4	53	10000	-
0.04	0.95	275	1.8	1461	BS30G06-../D04LA4	53	10000	-
0.04	0.9	290	1.7	1576	BS30G06-../D04LA4	53	10000	-
0.04	0.75	350	1.4	1886	BS30G06-../D04LA4	53	10000	-
0.04	0.6	435	1.15	2308	BS30G06-../D04LA4	53	10000	-
0.04	0.55	475	1.05	2518	BS30G06-../D04LA4	53	10000	-

9

0.06 kW



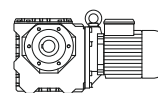
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.06	295	1.7	8.8	4.60	BS02-../D04LA4	3.5	1000	-
0.06	250	2.0	10	5.40	BS02-../D04LA4	3.5	1000	-
0.06	200	2.45	10	6.75	BS02-../D04LA4	3.5	1000	-
0.06	164	2.9	8.6	8.25	BS02-../D04LA4	3.5	1100	-
0.06	127	3.65	6.8	10.67	BS02-../D04LA4	3.5	1250	-
0.06	100	4.45	5.6	13.50	BS02-../D04LA4	3.5	1250	-
0.06	75	5.6	4.5	18.00	BS02-../D04LA4	3.5	1250	-
0.06	62	6.4	3.9	22.00	BS02-../D04LA4	3.5	1250	-
0.06	50	7.2	3.5	27.00	BS02-../D04LA4	3.5	1250	-
0.06	41	8.3	3.0	33.00	BS02-../D04LA4	3.5	1250	-
0.06	31.5	11.2	2.1	43.00	BS02-../D04LA4	3.5	1250	-
0.06	25	13	1.7	54.00	BS02-../D04LA4	3.5	1250	-
0.06	19.5	14.9	1.35	70.00	BS02-../D04LA4	3.5	1250	-
0.06	18	16.2	2.5	75.00	BS03-../D05LA4	5.4	1950	-
0.06	35.5	11.1	3.3	38.42	BS04-../D04LA4	3.9	2250	-
0.06	28.5	13.6	2.8	47.86	BS04-../D04LA4	3.9	2250	-
0.06	21.5	16.7	2.2	64.06	BS04-../D04LA4	3.9	2250	-
0.06	19	19.9	1.9	71.18	BS04-../D04LA4	3.9	2250	-
0.06	18	19.4	1.95	77.00	BS04-../D04LA4	3.9	2250	-
0.06	14.5	23	1.65	93.92	BS04-../D04LA4	3.9	2250	-
0.06	13.5	27	1.4	102.9	BS04-../D04LA4	3.9	2250	-
0.06	12	27	1.4	117.0	BS04-../D04LA4	3.9	2250	-
0.06	11	32.5	1.25	123.0	BS04-../D04LA4	3.9	2250	-
0.06	9.8	36	1.15	138.4	BS04-../D04LA4	3.9	2250	-
0.06	9.0	35	1.1	150.3	BS04-../D04LA4	3.9	2250	-
0.06	8.5	41	0.9	160.1	BS04-../D04LA4	3.9	2250	-

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

BS-series worm-geared motors

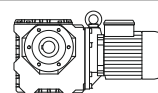
Selection - worm-geared motors DHE - IE2

0.06 kW



P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[—]	[:1]		[kg]	[N]	[N]
0.06	7.8	39.5	1.0	174.0	BS04-../D04LA4	3.9	2250	-
0.06	6.2	48.5	0.82	220.0	BS04-../D04LA4	3.9	2250	-
0.06	3.6	113	0.83	381.5	BS06G04-../D04LA4	11	3500	-
0.06	11.5	32	2.9	118.8	BS06-../D04LA4	8.4	3500	-
0.06	10.5	36.5	2.8	129.0	BS06-../D04LA4	8.4	3500	-
0.06	9.2	40	2.7	146.8	BS06-../D04LA4	8.4	3500	-
0.06	7.8	44	2.2	174.0	BS06-../D04LA4	8.4	3500	-
0.06	6.2	54	1.8	220.0	BS06-../D04LA4	8.4	3500	-
0.06	5.4	61	1.6	252.0	BS06-../D04LA4	8.4	3500	-
0.06	4.3	75	1.4	315.3	BS06-../D04LA4	8.4	3500	-
0.06	3.8	84	1.3	358.9	BS06-../D04LA4	8.4	3500	-
0.06	3.3	95	1.15	418.0	BS06-../D04LA4	8.4	3500	-
0.06	11.5	36.5	3.3	119.6	BS10-../D06LA4	23	6000	-
0.06	6.3	58	3.1	216.6	BS10-../D06LA4	23	6000	-
0.06	5.4	67	2.7	254.0	BS10Z-../D06LA4	24	6000	-
0.06	4.5	78	2.4	302.5	BS10Z-../D06LA4	24	6000	-
0.06	3.8	93	2.0	360.3	BS10Z-../D06LA4	24	6000	-
0.06	3.2	109	1.75	432.4	BS10Z-../D06LA4	24	6000	-
0.06	2.5	135	1.4	544.8	BS10Z-../D06LA4	24	6000	-
0.06	2.2	145	1.3	638.7	BS10Z-../D06LA4	24	6000	-
0.06	1.8	171	1.05	788.7	BS10Z-../D06LA4	24	6000	-
0.06	3.2	109	3.0	430.8	BS20Z-../D06LA4	35	8000	-
0.06	2.6	121	3.0	539.7	BS20Z-../D06LA4	35	8000	-
0.06	2.2	140	2.4	619.2	BS20Z-../D06LA4	35	8000	-
0.06	1.8	171	1.8	763.4	BS20Z-../D06LA4	35	8000	-
0.06	1.7	220	1.25	831.7	BS20G06-../D06LA4	38	8000	-
0.06	1.4	270	1.0	1000	BS20G06-../D06LA4	38	8000	-
0.06	1.7	195	2.4	804.1	BS30Z-../D06LA4	54	10000	-
0.06	1.5	215	2.1	932.0	BS30Z-../D06LA4	54	10000	-
0.06	1.4	280	1.75	1022	BS30G06-../D06LA4	56	10000	-
0.06	1.2	325	1.5	1176	BS30G06-../D06LA4	56	10000	-
0.06	0.95	415	1.2	1461	BS30G06-../D06LA4	56	10000	-
0.06	0.9	435	1.15	1576	BS30G06-../D06LA4	56	10000	-
0.06	1.5	225	3.3	908.2	BS40Z-../D06LA4	68	15000	-
0.06	1.4	285	3.1	965.5	BS40G10-../D06LA4	73	15000	-
0.06	1.2	330	2.7	1180	BS40G10-../D06LA4	73	15000	-
0.06	0.95	420	2.1	1499	BS40G10-../D06LA4	73	15000	-
0.06	0.8	500	1.75	1785	BS40G10-../D06LA4	73	15000	-
0.06	0.65	610	1.45	2126	BS40G10-../D06LA4	73	15000	-
0.06	0.6	660	1.35	2304	BS40G10-../D06LA4	73	15000	-
0.06	0.55	720	1.2	2552	BS40G10-../D06LA4	73	15000	-
0.06	0.47	850	1.05	2902	BS40G10-../D06LA4	73	15000	-

0.09 kW



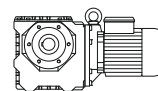
P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[—]	[:1]		[kg]	[N]	[N]
0.09	295	2.55	5.9	4.60	BS02-../D04LA4	3.5	1000	-
0.09	250	3.0	6.7	5.40	BS02-../D04LA4	3.5	1000	-
0.09	200	3.65	6.8	6.75	BS02-../D04LA4	3.5	1000	-
0.09	164	4.4	5.7	8.25	BS02-../D04LA4	3.5	1100	-
0.09	127	5.5	4.5	10.67	BS02-../D04LA4	3.5	1250	-
0.09	100	6.7	3.7	13.50	BS02-../D04LA4	3.5	1250	-
0.09	75	8.4	3.0	18.00	BS02-../D04LA4	3.5	1250	-
0.09	62	9.7	2.6	22.00	BS02-../D04LA4	3.5	1250	-
0.09	50	10.8	2.3	27.00	BS02-../D04LA4	3.5	1250	-
0.09	41	12.5	2.0	33.00	BS02-../D04LA4	3.5	1250	-
0.09	31.5	16.9	1.4	43.00	BS02-../D04LA4	3.5	1250	-
0.09	25	19.5	1.15	54.00	BS02-../D04LA4	3.5	1250	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

0.09 kW



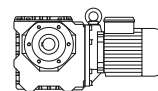
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:]		[kg]	[N]	[N]
0.09	19.5	22	0.91	70.00	BS02-../D04LA4	3.5	1250	-
0.09	27	18.4	3.0	50.00	BS03-../D05LA4	5.4	1950	-
0.09	22	20.5	2.3	62.00	BS03-../D05LA4	5.4	1950	-
0.09	18	24	1.65	75.00	BS03-../D05LA4	5.4	1950	-
0.09	56	11.6	2.9	24.25	BS04-../D04LA4	3.9	2250	-
0.09	52	11.7	3.2	26.21	BS04-../D04LA4	3.9	2250	-
0.09	43	13.9	2.7	31.50	BS04-../D04LA4	3.9	2250	-
0.09	35.5	16.7	2.2	38.42	BS04-../D04LA4	3.9	2250	-
0.09	28.5	20.5	1.85	47.86	BS04-../D04LA4	3.9	2250	-
0.09	21.5	25	1.45	64.06	BS04-../D04LA4	3.9	2250	-
0.09	19	29.5	1.3	71.18	BS04-../D04LA4	3.9	2250	-
0.09	18	29	1.3	77.00	BS04-../D04LA4	3.9	2250	-
0.09	14.5	34.5	1.1	93.92	BS04-../D04LA4	3.9	2250	-
0.09	13.5	40.5	0.94	102.9	BS04-../D04LA4	3.9	2250	-
0.09	12	40.5	0.94	117.0	BS04-../D04LA4	3.9	2250	-
0.09	11	49	0.84	123.0	BS04-../D04LA4	3.9	2250	-
0.09	21.5	27	3.0	64.06	BS06-../D04LA4	8.4	3500	-
0.09	19	32	2.9	71.18	BS06-../D04LA4	8.4	3500	-
0.09	18	31.5	2.7	77.00	BS06-../D04LA4	8.4	3500	-
0.09	15	40	2.5	90.00	BS06-../D04LA4	8.4	3500	-
0.09	13.5	43.5	2.3	103.1	BS06-../D04LA4	8.4	3500	-
0.09	11.5	48.5	1.95	118.8	BS06-../D04LA4	8.4	3500	-
0.09	10.5	54	1.95	129.0	BS06-../D04LA4	8.4	3500	-
0.09	9.2	60	1.75	146.8	BS06-../D04LA4	8.4	3500	-
0.09	7.8	66	1.5	174.0	BS06-../D04LA4	8.4	3500	-
0.09	6.2	81	1.2	220.0	BS06-../D04LA4	8.4	3500	-
0.09	5.4	92	1.1	252.0	BS06-../D04LA4	8.4	3500	-
0.09	4.3	113	0.94	315.3	BS06-../D04LA4	8.4	3500	-
0.09	3.8	126	0.87	358.9	BS06-../D04LA4	8.4	3500	-
0.09	11.5	55	2.2	119.6	BS10-../D06LA4	23	6000	-
0.09	10.5	52	3.2	130.3	BS10-../D06LA4	23	6000	-
0.09	8.9	61	2.7	152.7	BS10-../D06LA4	23	6000	-
0.09	7.2	76	2.2	188.6	BS10-../D06LA4	23	6000	-
0.09	6.3	87	2.1	216.6	BS10-../D06LA4	23	6000	-
0.09	5.4	101	1.8	254.0	BS10Z-../D06LA4	24	6000	-
0.09	4.5	118	1.6	302.5	BS10Z-../D06LA4	24	6000	-
0.09	3.8	140	1.35	360.3	BS10Z-../D06LA4	24	6000	-
0.09	3.2	163	1.15	432.4	BS10Z-../D06LA4	24	6000	-
0.09	2.5	200	0.95	544.8	BS10Z-../D06LA4	24	6000	-
0.09	2.2	215	0.88	638.7	BS10Z-../D06LA4	24	6000	-
0.09	6.0	91	3.2	225.6	BS20-../D06LA4	34	8000	-
0.09	5.3	103	2.9	257.8	BS20Z-../D06LA4	35	8000	-
0.09	4.5	120	2.5	300.1	BS20Z-../D06LA4	35	8000	-
0.09	3.8	140	2.3	359.9	BS20Z-../D06LA4	35	8000	-
0.09	3.2	163	2.0	430.8	BS20Z-../D06LA4	35	8000	-
0.09	2.6	181	2.0	539.7	BS20Z-../D06LA4	35	8000	-
0.09	2.2	210	1.55	619.2	BS20Z-../D06LA4	35	8000	-
0.09	1.8	255	1.2	763.4	BS20Z-../D06LA4	35	8000	-
0.09	1.7	330	0.82	831.7	BS20G06-../D06LA4	38	8000	-
0.09	3.8	167	2.4	359.6	BS30Z-../D06LA4	54	10000	-
0.09	3.0	183	3.3	457.3	BS30Z-../D06LA4	54	10000	-
0.09	2.6	210	2.9	539.3	BS30Z-../D06LA4	54	10000	-
0.09	2.1	245	2.4	651.0	BS30Z-../D06LA4	54	10000	-
0.09	1.7	290	1.65	804.1	BS30Z-../D06LA4	54	10000	-
0.09	1.5	325	1.4	932.0	BS30Z-../D06LA4	54	10000	-
0.09	1.4	420	1.15	1022	BS30G06-../D06LA4	56	10000	-
0.09	1.2	490	1.0	1176	BS30G06-../D06LA4	56	10000	-
0.09	1.9	270	2.8	736.5	BS40Z-../D06LA4	68	15000	-
0.09	1.5	335	2.2	908.2	BS40Z-../D06LA4	68	15000	-
0.09	1.4	425	2.1	965.5	BS40G10-../D06LA4	73	15000	-
0.09	1.2	500	1.75	1180	BS40G10-../D06LA4	73	15000	-
0.09	0.95	630	1.4	1499	BS40G10-../D06LA4	73	15000	-
0.09	0.8	750	1.15	1785	BS40G10-../D06LA4	73	15000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

0.11 kW



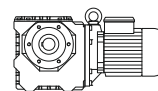
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.11	295	3.1	4.8	4.60	BS02-../D04LA4	3.5	1000	-
0.11	250	3.65	5.5	5.40	BS02-../D04LA4	3.5	1000	-
0.11	200	4.5	5.6	6.75	BS02-../D04LA4	3.5	1000	-
0.11	164	5.3	4.7	8.25	BS02-../D04LA4	3.5	1100	-
0.11	127	6.7	3.7	10.67	BS02-../D04LA4	3.5	1250	-
0.11	100	8.1	3.1	13.50	BS02-../D04LA4	3.5	1250	-
0.11	75	10.3	2.4	18.00	BS02-../D04LA4	3.5	1250	-
0.11	62	11.8	2.1	22.00	BS02-../D04LA4	3.5	1250	-
0.11	50	13.2	1.9	27.00	BS02-../D04LA4	3.5	1250	-
0.11	41	15.3	1.65	33.00	BS02-../D04LA4	3.5	1250	-
0.11	31.5	20.5	1.15	43.00	BS02-../D04LA4	3.5	1250	-
0.11	25	23.5	0.94	54.00	BS02-../D04LA4	3.5	1250	-
0.11	65	12.2	3.0	20.96	BS04-../D04LA4	3.9	2100	-
0.11	56	14.2	2.4	24.25	BS04-../D04LA4	3.9	2250	-
0.11	52	14.3	2.7	26.21	BS04-../D04LA4	3.9	2250	-
0.11	43	17.1	2.2	31.50	BS04-../D04LA4	3.9	2250	-
0.11	35.5	20	1.85	38.42	BS04-../D04LA4	3.9	2250	-
0.11	28.5	25	1.5	47.86	BS04-../D04LA4	3.9	2250	-
0.11	21.5	30.5	1.2	64.06	BS04-../D04LA4	3.9	2250	-
0.11	19	36	1.05	71.18	BS04-../D04LA4	3.9	2250	-
0.11	18	35.5	1.05	77.00	BS04-../D04LA4	3.9	2250	-
0.11	14.5	42.5	0.89	93.92	BS04-../D04LA4	3.9	2250	-
0.11	3.6	94*	1.0	381.5	BS06G04-../D04LA4	11	3500	-
0.11	2.9	94*	1.0	474.8	BS06G04-../D04LA4	11	3500	-
0.11	2.5	100*	1.0	552.6	BS06G04-../D04LA4	11	3500	-
0.11	2.3	94*	1.0	610.7	BS06G04-../D04LA4	11	3500	-
0.11	2.0	94*	1.0	704.7	BS06G04-../D04LA4	11	3500	-
0.11	1.6	94*	1.0	847.0	BS06G04-../D04LA4	11	3500	-
0.11	1.5	94*	1.0	939.6	BS06G04-../D04LA4	11	3500	-
0.11	1.2	94*	1.0	1170	BS06G04-../D04LA4	11	3500	-
0.11	0.9	94*	1.0	1503	BS06G04-../D04LA4	11	3500	-
0.11	0.85	94*	1.0	1654	BS06G04-../D04LA4	11	3500	-
0.11	0.75	94*	1.0	1914	BS06G04-../D04LA4	11	3500	-
0.11	0.65	94*	1.0	2200	BS06G04-../D04LA4	11	3500	-
0.11	0.49	94*	1.0	2768	BS06G04-../D04LA4	11	3500	-
0.11	0.45	94*	1.0	3007	BS06G04-../D04LA4	11	3500	-
0.11	0.41	94*	1.0	3308	BS06G04-../D04LA4	11	3500	-
0.11	0.37	94*	1.0	3721	BS06G04-../D04LA4	11	3500	-
0.11	0.32	94*	1.0	4304	BS06G04-../D04LA4	11	3500	-
0.11	0.28	98*	1.0	4947	BS06G04-../D04LA4	11	3500	-
0.11	0.25	98*	1.0	5442	BS06G04-../D04LA4	11	3500	-
0.11	0.22	100*	1.0	6234	BS06G04-../D04LA4	11	3500	-
0.11	28	27	3.3	48.60	BS06-../D04LA4	8.4	3500	-
0.11	23.5	31.5	2.9	58.15	BS06-../D04LA4	8.4	3500	-
0.11	21.5	33	2.4	64.06	BS06-../D04LA4	8.4	3500	-
0.11	19	39	2.4	71.18	BS06-../D04LA4	8.4	3500	-
0.11	18	39	2.2	77.00	BS06-../D04LA4	8.4	3500	-
0.11	15	49	2.0	90.00	BS06-../D04LA4	8.4	3500	-
0.11	13.5	53	1.9	103.1	BS06-../D04LA4	8.4	3500	-
0.11	11.5	59	1.6	118.8	BS06-../D04LA4	8.4	3500	-
0.11	10.5	67	1.55	129.0	BS06-../D04LA4	8.4	3500	-
0.11	9.2	74	1.45	146.8	BS06-../D04LA4	8.4	3500	-
0.11	7.8	80	1.25	174.0	BS06-../D04LA4	8.4	3500	-
0.11	6.2	99	0.99	220.0	BS06-../D04LA4	8.4	3500	-
0.11	5.4	112	0.88	252.0	BS06-../D04LA4	8.4	3500	-
0.11	6.8	98	1.5	200.0	BS10Z-../D04LA4	21	6000	-
0.11	5.4	124	1.45	254.0	BS10Z-../D04LA4	21	6000	-
0.11	4.5	144	1.3	302.5	BS10Z-../D04LA4	21	6000	-
0.11	3.8	171	1.1	360.3	BS10Z-../D04LA4	21	6000	-
0.11	3.2	200	0.95	432.4	BS10Z-../D04LA4	21	6000	-
0.11	1.4	160*	1.0	969.9	BS10G06-../D04LA4	25	6000	-
0.11	1.2	160*	1.0	1166	BS10G06-../D04LA4	25	6000	-
0.11	1.1	160*	1.0	1342	BS10G06-../D04LA4	25	6000	-
0.11	0.9	160*	1.0	1528	BS10G06-../D04LA4	25	6000	-
0.11	0.85	160*	1.0	1668	BS10G06-../D04LA4	25	6000	-
0.11	0.7	160*	1.0	1963	BS10G06-../D04LA4	25	6000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

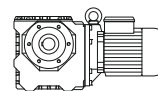
0.11 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.11	0.6	160*	1.0	2348	BS10G06-../D04LA4	25	6000	-
0.11	0.55	160*	1.0	2635	BS10G06-../D04LA4	25	6000	-
0.11	0.47	160*	1.0	2875	BS10G06-../D04LA4	25	6000	-
0.11	0.41	160*	1.0	3332	BS10G06-../D04LA4	25	6000	-
0.11	0.38	160*	1.0	3635	BS10G06-../D04LA4	25	6000	-
0.11	0.33	160*	1.0	4163	BS10G06-../D04LA4	25	6000	-
0.11	0.29	160*	1.0	4776	BS10G06-../D04LA4	25	6000	-
0.11	0.26	160*	1.0	5209	BS10G06-../D04LA4	25	6000	-
0.11	0.23	164*	1.0	6019	BS10G06-../D04LA4	25	6000	-
0.11	0.21	164*	1.0	6565	BS10G06-../D04LA4	25	6000	-
0.11	0.19	164*	1.0	7471	BS10G06-../D04LA4	25	6000	-
0.11	0.16	164*	1.0	8703	BS10G06-../D04LA4	25	6000	-
0.11	6.8	98	2.9	201.4	BS20Z-../D04LA4	32	8000	-
0.11	5.3	126	2.3	257.8	BS20Z-../D04LA4	32	8000	-
0.11	4.5	147	2.0	300.1	BS20Z-../D04LA4	32	8000	-
0.11	3.8	171	1.85	359.9	BS20Z-../D04LA4	32	8000	-
0.11	3.2	200	1.65	430.8	BS20Z-../D04LA4	32	8000	-
0.11	2.6	220	1.65	539.7	BS20Z-../D04LA4	32	8000	-
0.11	2.2	255	1.3	619.2	BS20Z-../D04LA4	32	8000	-
0.11	1.8	315	0.98	763.4	BS20Z-../D04LA4	32	8000	-
0.11	1.7	270*	1.0	831.7	BS20G06-../D04LA4	35	8000	-
0.11	1.4	270*	1.0	1000	BS20G06-../D04LA4	35	8000	-
0.11	1.1	270*	1.0	1311	BS20G06-../D04LA4	35	8000	-
0.11	0.9	270*	1.0	1543	BS20G06-../D04LA4	35	8000	-
0.11	0.85	270*	1.0	1683	BS20G06-../D04LA4	35	8000	-
0.11	0.7	270*	1.0	2014	BS20G06-../D04LA4	35	8000	-
0.11	0.55	270*	1.0	2465	BS20G06-../D04LA4	35	8000	-
0.11	0.48	270*	1.0	2857	BS20G06-../D04LA4	35	8000	-
0.11	0.44	270*	1.0	3117	BS20G06-../D04LA4	35	8000	-
0.11	0.38	270*	1.0	3570	BS20G06-../D04LA4	35	8000	-
0.11	0.33	270*	1.0	4096	BS20G06-../D04LA4	35	8000	-
0.11	0.28	270*	1.0	4910	BS20G06-../D04LA4	35	8000	-
0.11	0.23	270*	1.0	5880	BS20G06-../D04LA4	35	8000	-
0.11	0.19	275*	1.0	7363	BS20G06-../D04LA4	35	8000	-
0.11	0.17	275*	1.0	8031	BS20G06-../D04LA4	35	8000	-
0.11	0.15	280*	1.0	9220	BS20G06-../D04LA4	35	8000	-
0.11	1.4	510	0.96	1022	BS30G06-../D04LA4	53	10000	-
0.11	1.2	600	0.82	1176	BS30G06-../D04LA4	53	10000	-
0.11	0.95	490*	1.0	1461	BS30G06-../D04LA4	53	10000	-
0.11	0.9	490*	1.0	1576	BS30G06-../D04LA4	53	10000	-
0.11	0.75	490*	1.0	1886	BS30G06-../D04LA4	53	10000	-
0.11	0.6	490*	1.0	2308	BS30G06-../D04LA4	53	10000	-
0.11	0.55	490*	1.0	2518	BS30G06-../D04LA4	53	10000	-
0.11	0.47	490*	1.0	2919	BS30G06-../D04LA4	53	10000	-
0.11	0.41	490*	1.0	3344	BS30G06-../D04LA4	53	10000	-
0.11	0.38	490*	1.0	3647	BS30G06-../D04LA4	53	10000	-
0.11	0.33	490*	1.0	4184	BS30G06-../D04LA4	53	10000	-
0.11	0.28	510*	1.0	4905	BS30G06-../D04LA4	53	10000	-
0.11	0.24	520*	1.0	5783	BS30G06-../D04LA4	53	10000	-
0.11	0.22	520*	1.0	6308	BS30G06-../D04LA4	53	10000	-
0.11	0.19	520*	1.0	7179	BS30G06-../D04LA4	53	10000	-
0.11	0.17	520*	1.0	8362	BS30G06-../D04LA4	53	10000	-

9

0.12 kW



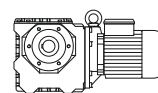
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.12	305	3.3	4.5	4.60	BS02-../DHE05LA4	5.3	1000	-
0.12	260	3.85	5.2	5.40	BS02-../DHE05LA4	5.3	1000	-
0.12	210	4.65	5.4	6.75	BS02-../DHE05LA4	5.3	1000	-
0.12	169	5.6	4.5	8.25	BS02-../DHE05LA4	5.3	1100	-
0.12	131	7.1	3.5	10.67	BS02-../DHE05LA4	5.3	1250	-
0.12	103	8.6	2.9	13.50	BS02-../DHE05LA4	5.3	1250	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

0.12 kW



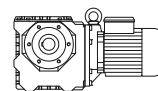
P _N	n ₂	50 Hz		i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.12	78	10.8	2.3	18.00	BS02-../DHE05LA4	5.3	1250	-
0.12	64	12.5	2.0	22.00	BS02-../DHE05LA4	5.3	1250	-
0.12	52	13.8	1.8	27.00	BS02-../DHE05LA4	5.3	1250	-
0.12	42.5	16.1	1.55	33.00	BS02-../DHE05LA4	5.3	1250	-
0.12	32.5	21.5	1.1	43.00	BS02-../DHE05LA4	5.3	1250	-
0.12	26	25	0.88	54.00	BS02-../DHE05LA4	5.3	1250	-
0.12	36	20	2.8	39.00	BS03-../DHE05LA4	5.4	1950	-
0.12	28	23.5	2.3	50.00	BS03-../DHE05LA4	5.4	1950	-
0.12	22.5	26.5	1.8	62.00	BS03-../DHE05LA4	5.4	1950	-
0.12	19	30.5	1.3	75.00	BS03-../DHE05LA4	5.4	1950	-
0.12	78	10.4	3.3	18.00	BS04-../DHE05LA4	5.8	1950	-
0.12	67	12.9	2.9	20.96	BS04-../DHE05LA4	5.8	2100	-
0.12	58	15	2.3	24.25	BS04-../DHE05LA4	5.8	2250	-
0.12	54	15	2.5	26.21	BS04-../DHE05LA4	5.8	2250	-
0.12	44.5	18	2.1	31.50	BS04-../DHE05LA4	5.8	2250	-
0.12	36.5	21.5	1.7	38.42	BS04-../DHE05LA4	5.8	2250	-
0.12	29.5	26	1.45	47.86	BS04-../DHE05LA4	5.8	2250	-
0.12	23	33	1.15	61.50	BS04-../DHE05LA4	5.8	2250	-
0.12	22	32.5	1.1	64.06	BS04-../DHE05LA4	5.8	2250	-
0.12	20	37.5	1.0	71.18	BS04-../DHE05LA4	5.8	2250	-
0.12	18.5	37.5	1.0	77.00	BS04-../DHE05LA4	5.8	2250	-
0.12	15	45	0.84	93.92	BS04-../DHE05LA4	5.8	2250	-
0.12	29	28	3.1	48.60	BS06-../DHE05LA4	10	3500	-
0.12	24	33.5	2.7	58.15	BS06-../DHE05LA4	10	3500	-
0.12	22	35	2.3	64.06	BS06-../DHE05LA4	10	3500	-
0.12	20	40.5	2.3	71.18	BS06-../DHE05LA4	10	3500	-
0.12	18.5	41.5	2.0	77.00	BS06-../DHE05LA4	10	3500	-
0.12	15.5	51	1.9	90.00	BS06-../DHE05LA4	10	3500	-
0.12	13.5	58	1.7	103.1	BS06-../DHE05LA4	10	3500	-
0.12	12	62	1.5	118.8	BS06-../DHE05LA4	10	3500	-
0.12	11	69	1.5	129.0	BS06-../DHE05LA4	10	3500	-
0.12	9.5	78	1.35	146.8	BS06-../DHE05LA4	10	3500	-
0.12	8.0	85	1.15	174.0	BS06-../DHE05LA4	10	3500	-
0.12	6.4	105	0.93	220.0	BS06-../DHE05LA4	10	3500	-
0.12	5.6	118	0.84	252.0	BS06-../DHE05LA4	10	3500	-
0.12	16.5	51	2.9	84.36	BS10-../DHE06LA4	23	5300	-
0.12	13.5	54	3.0	103.4	BS10-../DHE06LA4	23	5600	-
0.12	12	70	1.75	119.6	BS10-../DHE06LA4	23	6000	-
0.12	11	66	2.5	130.3	BS10-../DHE06LA4	23	6000	-
0.12	9.1	80	2.1	152.7	BS10-../DHE06LA4	23	6000	-
0.12	7.4	99	1.7	188.6	BS10-../DHE06LA4	23	6000	-
0.12	6.4	114	1.6	216.6	BS10-../DHE06LA4	23	6000	-
0.12	5.5	133	1.35	254.0	BS10Z-../DHE06LA4	24	6000	-
0.12	4.6	154	1.25	302.5	BS10Z-../DHE06LA4	24	6000	-
0.12	3.9	182	1.05	360.3	BS10Z-../DHE06LA4	24	6000	-
0.12	3.3	210	0.9	432.4	BS10Z-../DHE06LA4	24	6000	-
0.12	1.5	160*	1.0	969.9	BS10G06-../DHE06LA4	28	6000	-
0.12	1.2	160*	1.0	1166	BS10G06-../DHE06LA4	28	6000	-
0.12	1.1	160*	1.0	1342	BS10G06-../DHE06LA4	28	6000	-
0.12	0.95	160*	1.0	1528	BS10G06-../DHE06LA4	28	6000	-
0.12	0.85	160*	1.0	1668	BS10G06-../DHE06LA4	28	6000	-
0.12	0.75	160*	1.0	1963	BS10G06-../DHE06LA4	28	6000	-
0.12	0.6	160*	1.0	2348	BS10G06-../DHE06LA4	28	6000	-
0.12	0.55	160*	1.0	2635	BS10G06-../DHE06LA4	28	6000	-
0.12	0.49	160*	1.0	2875	BS10G06-../DHE06LA4	28	6000	-
0.12	0.42	160*	1.0	3332	BS10G06-../DHE06LA4	28	6000	-
0.12	0.39	160*	1.0	3635	BS10G06-../DHE06LA4	28	6000	-
0.12	0.34	160*	1.0	4163	BS10G06-../DHE06LA4	28	6000	-
0.12	0.29	160*	1.0	4776	BS10G06-../DHE06LA4	28	6000	-
0.12	0.27	160*	1.0	5209	BS10G06-../DHE06LA4	28	6000	-
0.12	0.24	164*	1.0	6019	BS10G06-../DHE06LA4	28	6000	-
0.12	0.22	164*	1.0	6565	BS10G06-../DHE06LA4	28	6000	-
0.12	0.19	164*	1.0	7471	BS10G06-../DHE06LA4	28	6000	-
0.12	0.16	164*	1.0	8703	BS10G06-../DHE06LA4	28	6000	-
0.12	8.7	86	3.2	159.4	BS20-../DHE06LA4	34	8000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

0.12 kW



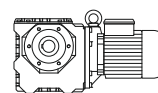
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.12	7.6	99	2.8	183.0	BS20-../DHE06LA4	34	8000	-
0.12	6.2	118	2.5	225.6	BS20-../DHE06LA4	34	8000	-
0.12	5.4	135	2.2	257.8	BS20Z-../DHE06LA4	35	8000	-
0.12	4.7	153	1.95	300.1	BS20Z-../DHE06LA4	35	8000	-
0.12	3.9	182	1.75	359.9	BS20Z-../DHE06LA4	35	8000	-
0.12	3.3	210	1.55	430.8	BS20Z-../DHE06LA4	35	8000	-
0.12	2.6	240	1.5	539.7	BS20Z-../DHE06LA4	35	8000	-
0.12	2.3	265	1.25	619.2	BS20Z-../DHE06LA4	35	8000	-
0.12	1.9	325	0.95	763.4	BS20Z-../DHE06LA4	35	8000	-
0.12	1.7	270*	1.0	831.7	BS20G06-../DHE06LA4	38	8000	-
0.12	1.4	270*	1.0	1000	BS20G06-../DHE06LA4	38	8000	-
0.12	1.1	270*	1.0	1311	BS20G06-../DHE06LA4	38	8000	-
0.12	0.9	270*	1.0	1543	BS20G06-../DHE06LA4	38	8000	-
0.12	0.85	270*	1.0	1683	BS20G06-../DHE06LA4	38	8000	-
0.12	0.7	270*	1.0	2014	BS20G06-../DHE06LA4	38	8000	-
0.12	0.6	270*	1.0	2465	BS20G06-../DHE06LA4	38	8000	-
0.12	0.49	270*	1.0	2857	BS20G06-../DHE06LA4	38	8000	-
0.12	0.45	270*	1.0	3117	BS20G06-../DHE06LA4	38	8000	-
0.12	0.39	270*	1.0	3570	BS20G06-../DHE06LA4	38	8000	-
0.12	0.34	270*	1.0	4096	BS20G06-../DHE06LA4	38	8000	-
0.12	0.29	270*	1.0	4910	BS20G06-../DHE06LA4	38	8000	-
0.12	0.24	270*	1.0	5880	BS20G06-../DHE06LA4	38	8000	-
0.12	0.19	275*	1.0	7363	BS20G06-../DHE06LA4	38	8000	-
0.12	0.18	275*	1.0	8031	BS20G06-../DHE06LA4	38	8000	-
0.12	0.16	280*	1.0	9220	BS20G06-../DHE06LA4	38	8000	-
0.12	3.9	215	1.85	359.6	BS30Z-../DHE06LA4	54	10000	-
0.12	3.6	205	2.9	390.2	BS30Z-../DHE06LA4	54	10000	-
0.12	3.1	235	2.6	457.3	BS30Z-../DHE06LA4	54	10000	-
0.12	2.6	280	2.1	539.3	BS30Z-../DHE06LA4	54	10000	-
0.12	2.2	310	1.85	651.0	BS30Z-../DHE06LA4	54	10000	-
0.12	1.8	365	1.3	804.1	BS30Z-../DHE06LA4	54	10000	-
0.12	1.5	435	1.05	932.0	BS30Z-../DHE06LA4	54	10000	-
0.12	1.4	560	0.88	1022	BS30G06-../DHE06LA4	56	10000	-
0.12	1.2	490*	1.0	1176	BS30G06-../DHE06LA4	56	10000	-
0.12	0.95	490*	1.0	1461	BS30G06-../DHE06LA4	56	10000	-
0.12	0.9	490*	1.0	1576	BS30G06-../DHE06LA4	56	10000	-
0.12	0.75	490*	1.0	1886	BS30G06-../DHE06LA4	56	10000	-
0.12	0.65	490*	1.0	2308	BS30G06-../DHE06LA4	56	10000	-
0.12	0.6	490*	1.0	2518	BS30G06-../DHE06LA4	56	10000	-
0.12	0.48	490*	1.0	2919	BS30G06-../DHE06LA4	56	10000	-
0.12	0.42	490*	1.0	3344	BS30G06-../DHE06LA4	56	10000	-
0.12	0.38	490*	1.0	3647	BS30G06-../DHE06LA4	56	10000	-
0.12	0.34	490*	1.0	4184	BS30G06-../DHE06LA4	56	10000	-
0.12	0.29	510*	1.0	4905	BS30G06-../DHE06LA4	56	10000	-
0.12	0.24	520*	1.0	5783	BS30G06-../DHE06LA4	56	10000	-
0.12	0.22	520*	1.0	6308	BS30G06-../DHE06LA4	56	10000	-
0.12	0.2	520*	1.0	7179	BS30G06-../DHE06LA4	56	10000	-
0.12	0.17	520*	1.0	8362	BS30G06-../DHE06LA4	56	10000	-
0.12	2.3	300	3.0	612.1	BS40Z-../DHE06LA4	68	15000	-
0.12	1.9	360	2.1	736.5	BS40Z-../DHE06LA4	68	15000	-
0.12	1.6	420	1.75	908.2	BS40Z-../DHE06LA4	68	15000	-
0.12	1.5	530	1.65	965.5	BS40G10-../DHE06LA4	73	15000	-
0.12	1.2	660	1.35	1180	BS40G10-../DHE06LA4	73	15000	-
0.12	0.95	840	1.05	1499	BS40G10-../DHE06LA4	73	15000	-
0.12	0.8	880*	1.0	1785	BS40G10-../DHE06LA4	73	15000	-
0.12	0.7	880*	1.0	2126	BS40G10-../DHE06LA4	73	15000	-
0.12	0.65	880*	1.0	2304	BS40G10-../DHE06LA4	73	15000	-
0.12	0.55	880*	1.0	2552	BS40G10-../DHE06LA4	73	15000	-
0.12	0.48	880*	1.0	2902	BS40G10-../DHE06LA4	73	15000	-
0.12	0.44	880*	1.0	3215	BS40G10-../DHE06LA4	73	15000	-
0.12	0.37	880*	1.0	3769	BS40G10-../DHE06LA4	73	15000	-
0.12	0.33	880*	1.0	4201	BS40G10-../DHE06LA4	73	15000	-
0.12	0.3	880*	1.0	4655	BS40G10-../DHE06LA4	73	15000	-
0.12	0.26	900*	1.0	5498	BS40G10-../DHE06LA4	73	15000	-
0.12	0.23	950*	1.0	6214	BS40G10-../DHE06LA4	73	15000	-
0.12	0.21	950*	1.0	6885	BS40G10-../DHE06LA4	73	15000	-
0.12	0.18	950*	1.0	7905	BS40G10-../DHE06LA4	73	15000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

0.18 kW



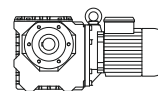
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[∶1]		[kg]	[N]	[N]
0.18	300	5.0	3.0	4.60	BS02-../DHE05LA4	5.3	1000	-
0.18	255	5.9	3.4	5.40	BS02-../DHE05LA4	5.3	1000	-
0.18	205	7.2	3.5	6.75	BS02-../DHE05LA4	5.3	1000	-
0.18	167	8.6	2.9	8.25	BS02-../DHE05LA4	5.3	1100	-
0.18	129	10.9	2.3	10.67	BS02-../DHE05LA4	5.3	1250	-
0.18	102	13.1	1.9	13.50	BS02-../DHE05LA4	5.3	1250	-
0.18	77	16.5	1.5	18.00	BS02-../DHE05LA4	5.3	1250	-
0.18	63	19.1	1.3	22.00	BS02-../DHE05LA4	5.3	1250	-
0.18	51	21	1.2	27.00	BS02-../DHE05LA4	5.3	1250	-
0.18	42	24.5	1.0	33.00	BS02-../DHE05LA4	5.3	1250	-
0.18	73	17.8	3.1	19.00	BS03-../DHE05LA4	5.4	1950	-
0.18	55	21.5	2.6	25.00	BS03-../DHE05LA4	5.4	1950	-
0.18	42	24.5	2.2	33.00	BS03-../DHE05LA4	5.4	1950	-
0.18	35.5	30.5	1.8	39.00	BS03-../DHE05LA4	5.4	1950	-
0.18	27.5	36	1.55	50.00	BS03-../DHE05LA4	5.4	1950	-
0.18	22.5	40	1.2	62.00	BS03-../DHE05LA4	5.4	1950	-
0.18	18.5	47	0.85	75.00	BS03-../DHE05LA4	5.4	1950	-
0.18	129	10.3	3.1	10.73	BS04-../DHE05LA4	5.8	1600	-
0.18	106	12.4	2.7	13.09	BS04-../DHE05LA4	5.8	1760	-
0.18	85	15.5	2.3	16.31	BS04-../DHE05LA4	5.8	1970	-
0.18	77	15.8	2.2	18.00	BS04-../DHE05LA4	5.8	1950	-
0.18	66	19.7	1.9	20.96	BS04-../DHE05LA4	5.8	2100	-
0.18	57	22.5	1.5	24.25	BS04-../DHE05LA4	5.8	2250	-
0.18	53	23	1.65	26.21	BS04-../DHE05LA4	5.8	2250	-
0.18	44	27	1.4	31.50	BS04-../DHE05LA4	5.8	2250	-
0.18	36	32.5	1.15	38.42	BS04-../DHE05LA4	5.8	2250	-
0.18	29	40	0.95	47.86	BS04-../DHE05LA4	5.8	2250	-
0.18	57	24	3.2	24.25	BS06-../DHE05LA4	10	2600	-
0.18	53	23.5	3.3	26.21	BS06-../DHE05LA4	10	3000	-
0.18	44	28.5	2.8	31.50	BS06-../DHE05LA4	10	3200	-
0.18	33.5	36.5	2.4	41.29	BS06-../DHE05LA4	10	3500	-
0.18	28.5	43	2.0	48.60	BS06-../DHE05LA4	10	3500	-
0.18	24	50	1.8	58.15	BS06-../DHE05LA4	10	3500	-
0.18	21.5	54	1.5	64.06	BS06-../DHE05LA4	10	3500	-
0.18	19.5	62	1.5	71.18	BS06-../DHE05LA4	10	3500	-
0.18	18	63	1.35	77.00	BS06-../DHE05LA4	10	3500	-
0.18	15.5	77	1.25	90.00	BS06-../DHE05LA4	10	3500	-
0.18	13.5	87	1.15	103.1	BS06-../DHE05LA4	10	3500	-
0.18	12	93	1.0	118.8	BS06-../DHE05LA4	10	3500	-
0.18	11	104	1.0	129.0	BS06-../DHE05LA4	10	3500	-
0.18	9.4	118	0.9	146.8	BS06-../DHE05LA4	10	3500	-
0.18	29	44	3.3	47.59	BS10-../DHE06LA4	23	4050	-
0.18	24	53	2.8	57.12	BS10-../DHE06LA4	23	4350	-
0.18	23	50	3.0	60.74	BS10-../DHE06LA4	23	4550	-
0.18	19.5	65	2.5	71.96	BS10-../DHE06LA4	23	5000	-
0.18	16.5	77	1.95	84.36	BS10-../DHE06LA4	23	5300	-
0.18	13.5	81	2.0	103.4	BS10-../DHE06LA4	23	5600	-
0.18	11.5	110	1.1	119.6	BS10-../DHE06LA4	23	6000	-
0.18	11	100	1.65	130.3	BS10-../DHE06LA4	23	6000	-
0.18	9.0	122	1.35	152.7	BS10-../DHE06LA4	23	6000	-
0.18	7.3	150	1.15	188.6	BS10-../DHE06LA4	23	6000	-
0.18	6.4	171	1.05	216.6	BS10-../DHE06LA4	23	6000	-
0.18	5.4	200	0.9	254.0	BS10Z-../DHE06LA4	24	6000	-
0.18	4.6	230	0.83	302.5	BS10Z-../DHE06LA4	24	6000	-
0.18	14	90	2.8	101.1	BS20-../DHE06LA4	34	7100	-
0.18	13	87	3.1	106.3	BS20-../DHE06LA4	34	7600	-
0.18	11	103	2.6	127.3	BS20-../DHE06LA4	34	8000	-
0.18	8.6	131	2.1	159.4	BS20-../DHE06LA4	34	8000	-
0.18	7.5	151	1.85	183.0	BS20-../DHE06LA4	34	8000	-
0.18	6.1	180	1.6	225.6	BS20-../DHE06LA4	34	8000	-
0.18	5.4	200	1.5	257.8	BS20Z-../DHE06LA4	35	8000	-
0.18	4.6	235	1.3	300.1	BS20Z-../DHE06LA4	35	8000	-
0.18	3.9	270	1.2	359.9	BS20Z-../DHE06LA4	35	8000	-
0.18	3.2	325	1.0	430.8	BS20Z-../DHE06LA4	35	8000	-
0.18	2.6	360	1.0	539.7	BS20Z-../DHE06LA4	35	8000	-

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

BS-series worm-geared motors

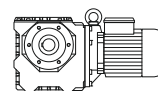
Selection - worm-geared motors DHE - IE2

0.18 kW



P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[—]	[:1]		[kg]	[N]	[N]
0.18	2.3	400	0.83	619.2	BS20Z-../DHE06LA4	35	8000	-
0.18	6.4	177	2.9	216.4	BS30-../DHE06LA4	51	10000	-
0.18	5.3	210	2.7	261.6	BS30Z-../DHE06LA4	54	10000	-
0.18	4.5	245	2.4	306.6	BS30Z-../DHE06LA4	54	10000	-
0.18	3.9	325	1.2	359.6	BS30Z-../DHE06LA4	54	10000	-
0.18	3.6	310	1.9	390.2	BS30Z-../DHE06LA4	54	10000	-
0.18	3.0	365	1.65	457.3	BS30Z-../DHE06LA4	54	10000	-
0.18	2.6	420	1.45	539.3	BS30Z-../DHE06LA4	54	10000	-
0.18	2.2	465	1.25	651.0	BS30Z-../DHE06LA4	54	10000	-
0.18	1.8	550	0.87	804.1	BS30Z-../DHE06LA4	54	10000	-
0.18	4.8	265	2.7	287.7	BS40Z-../DHE06LA4	68	15000	-
0.18	3.1	345	2.9	446.8	BS40Z-../DHE06LA4	68	15000	-
0.18	2.7	400	2.8	520.8	BS40Z-../DHE06LA4	68	15000	-
0.18	2.3	455	2.0	612.1	BS40Z-../DHE06LA4	68	15000	-
0.18	1.9	540	1.4	736.5	BS40Z-../DHE06LA4	68	15000	-
0.18	1.6	630	1.2	908.2	BS40Z-../DHE06LA4	68	15000	-
0.18	1.5	800	1.1	965.5	BS40G10-../DHE06LA4	73	15000	-
0.18	1.2	1000	0.88	1180	BS40G10-../DHE06LA4	73	15000	-

0.25 kW



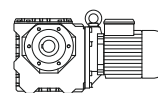
P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[—]	[:1]		[kg]	[N]	[N]
0.25	300	7.0	2.1	4.60	BS02-../DHE07LA4	9.3	1000	-
0.25	255	8.2	2.4	5.40	BS02-../DHE07LA4	9.3	1000	-
0.25	205	10	2.5	6.75	BS02-../DHE07LA4	9.3	1000	-
0.25	167	12	2.1	8.25	BS02-../DHE07LA4	9.3	1100	-
0.25	129	15.1	1.65	10.67	BS02-../DHE07LA4	9.3	1250	-
0.25	102	18.2	1.35	13.50	BS02-../DHE07LA4	9.3	1250	-
0.25	77	22.5	1.1	18.00	BS02-../DHE07LA4	9.3	1250	-
0.25	63	26.5	0.94	22.00	BS02-../DHE07LA4	9.3	1250	-
0.25	51	29	0.86	27.00	BS02-../DHE07LA4	9.3	1250	-
0.25	102	18.2	3.0	13.50	BS03-../DHE07LA4	9.4	1600	-
0.25	73	24.5	2.2	19.00	BS03-../DHE07LA4	9.4	1950	-
0.25	55	29.5	1.85	25.00	BS03-../DHE07LA4	9.4	1950	-
0.25	42	34.5	1.6	33.00	BS03-../DHE07LA4	9.4	1950	-
0.25	35.5	43	1.3	39.00	BS03-../DHE07LA4	9.4	1950	-
0.25	27.5	50	1.1	50.00	BS03-../DHE07LA4	9.4	1950	-
0.25	22.5	56	0.86	62.00	BS03-../DHE07LA4	9.4	1950	-
0.25	225	8.2	3.2	6.13	BS04-../DHE07LA4	9.8	1300	-
0.25	154	12	2.5	8.93	BS04-../DHE07LA4	9.8	1500	-
0.25	129	14.4	2.2	10.73	BS04-../DHE07LA4	9.8	1600	-
0.25	106	17.3	1.9	13.09	BS04-../DHE07LA4	9.8	1760	-
0.25	85	21.5	1.65	16.31	BS04-../DHE07LA4	9.8	1970	-
0.25	77	22	1.55	18.00	BS04-../DHE07LA4	9.8	1950	-
0.25	66	27	1.35	20.96	BS04-../DHE07LA4	9.8	2100	-
0.25	57	31.5	1.1	24.25	BS04-../DHE07LA4	9.8	2250	-
0.25	53	31.5	1.2	26.21	BS04-../DHE07LA4	9.8	2250	-
0.25	44	37.5	1.0	31.50	BS04-../DHE07LA4	9.8	2250	-
0.25	36	45.5	0.81	38.42	BS04-../DHE07LA4	9.8	2250	-
0.25	84	22.5	3.2	16.56	BS06-../DHE07LA4	14	2400	-
0.25	70	27	2.8	19.82	BS06-../DHE07LA4	14	2500	-
0.25	57	33.5	2.3	24.25	BS06-../DHE07LA4	14	2600	-
0.25	53	32.5	2.4	26.21	BS06-../DHE07LA4	14	3000	-
0.25	44	39.5	2.0	31.50	BS06-../DHE07LA4	14	3200	-
0.25	33.5	51	1.7	41.29	BS06-../DHE07LA4	14	3500	-
0.25	28.5	60	1.45	48.60	BS06-../DHE07LA4	14	3500	-
0.25	24	70	1.3	58.15	BS06-../DHE07LA4	14	3500	-
0.25	21.5	75	1.05	64.06	BS06-../DHE07LA4	14	3500	-
0.25	19.5	86	1.1	71.18	BS06-../DHE07LA4	14	3500	-

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

BS-series worm-geared motors

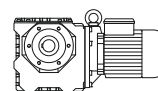
Selection - worm-geared motors DHE - IE2

0.25 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.25	18	88	0.97	77.00	BS06-../DHE07LA4	14	3500	-
0.25	15.5	107	0.92	90.00	BS06-../DHE07LA4	14	3500	-
0.25	13.5	122	0.82	103.1	BS06-../DHE07LA4	14	3500	-
0.25	41	44	3.1	33.55	BS10-../DHE07LA4	26	3550	-
0.25	34.5	51	2.7	39.96	BS10-../DHE07LA4	26	3800	-
0.25	29	61	2.4	47.59	BS10-../DHE07LA4	26	4050	-
0.25	24.5	72	2.1	57.12	BS10-../DHE07LA4	26	4350	-
0.25	23	69	2.2	60.74	BS10-../DHE07LA4	26	4550	-
0.25	19.5	90	1.8	71.96	BS10-../DHE07LA4	26	5000	-
0.25	16.5	107	1.4	84.36	BS10-../DHE07LA4	26	5300	-
0.25	13.5	113	1.4	103.4	BS10-../DHE07LA4	26	5600	-
0.25	11	138	1.2	130.3	BS10-../DHE07LA4	26	6000	-
0.25	9.1	167	0.99	152.7	BS10-../DHE07LA4	26	6000	-
0.25	7.3	205	0.83	188.6	BS10-../DHE07LA4	26	6000	-
0.25	18.5	85	3.2	76.18	BS20-../DHE07LA4	36	6600	-
0.25	16	98	2.8	88.67	BS20-../DHE07LA4	36	7000	-
0.25	14	126	2.0	101.1	BS20-../DHE07LA4	36	7100	-
0.25	13	121	2.2	106.3	BS20-../DHE07LA4	36	7600	-
0.25	11	143	1.9	127.3	BS20-../DHE07LA4	36	8000	-
0.25	8.7	181	1.5	159.4	BS20-../DHE07LA4	36	8000	-
0.25	7.6	205	1.35	183.0	BS20-../DHE07LA4	36	8000	-
0.25	6.1	250	1.15	225.6	BS20-../DHE07LA4	36	8000	-
0.25	5.4	280	1.05	257.8	BS20Z-../DHE07LA4	38	8000	-
0.25	4.6	325	0.92	300.1	BS20Z-../DHE07LA4	38	8000	-
0.25	3.9	375	0.85	359.9	BS20Z-../DHE07LA4	38	8000	-
0.25	9.1	175	3.1	151.1	BS30-../DHE07LA4	54	9500	-
0.25	7.4	210	2.6	186.7	BS30-../DHE07LA4	54	10000	-
0.25	6.4	245	2.1	216.4	BS30-../DHE07LA4	54	10000	-
0.25	5.3	295	1.9	261.6	BS30Z-../DHE07LA4	56	10000	-
0.25	4.5	340	1.7	306.6	BS30Z-../DHE07LA4	56	10000	-
0.25	3.9	450	0.88	359.6	BS30Z-../DHE07LA4	56	10000	-
0.25	3.6	430	1.35	390.2	BS30Z-../DHE07LA4	56	10000	-
0.25	3.1	490	1.2	457.3	BS30Z-../DHE07LA4	56	10000	-
0.25	2.6	580	1.05	539.3	BS30Z-../DHE07LA4	56	10000	-
0.25	2.2	650	0.89	651.0	BS30Z-../DHE07LA4	56	10000	-
0.25	7.0	250	2.8	197.1	BS40Z-../DHE07LA4	70	15000	-
0.25	4.8	365	1.95	287.7	BS40Z-../DHE07LA4	70	15000	-
0.25	4.6	325	3.3	302.1	BS40Z-../DHE07LA4	70	15000	-
0.25	3.9	385	2.8	356.8	BS40Z-../DHE07LA4	70	15000	-
0.25	3.1	485	2.0	446.8	BS40Z-../DHE07LA4	70	15000	-
0.25	2.7	550	2.0	520.8	BS40Z-../DHE07LA4	70	15000	-
0.25	2.3	630	1.45	612.1	BS40Z-../DHE07LA4	70	15000	-
0.25	1.9	750	1.0	736.5	BS40Z-../DHE07LA4	70	15000	-
0.25	1.6	880	0.84	908.2	BS40Z-../DHE07LA4	70	15000	-

0.3 kW



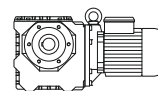
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.3	300	8.4	1.8	4.60	BS02-../DHE07LA4	9.3	1000	-
0.3	255	9.8	2.0	5.40	BS02-../DHE07LA4	9.3	1000	-
0.3	205	12	2.1	6.75	BS02-../DHE07LA4	9.3	1000	-
0.3	165	14.5	1.7	8.25	BS02-../DHE07LA4	9.3	1100	-
0.3	128	18.3	1.35	10.67	BS02-../DHE07LA4	9.3	1250	-
0.3	101	22	1.15	13.50	BS02-../DHE07LA4	9.3	1250	-
0.3	76	27.5	0.91	18.00	BS02-../DHE07LA4	9.3	1250	-
0.3	101	22	2.5	13.50	BS03-../DHE07LA4	9.4	1600	-
0.3	72	30	1.85	19.00	BS03-../DHE07LA4	9.4	1950	-
0.3	55	35.5	1.55	25.00	BS03-../DHE07LA4	9.4	1950	-
0.3	41.5	42	1.3	33.00	BS03-../DHE07LA4	9.4	1950	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

0.3 kW



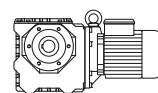
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.3	35	52	1.05	39.00	BS03-../DHE07LA4	9.4	1950	-
0.3	27.5	60	0.92	50.00	BS03-../DHE07LA4	9.4	1950	-
0.3	225	9.9	2.6	6.13	BS04-../DHE07LA4	9.8	1300	-
0.3	153	14.6	2.1	8.93	BS04-../DHE07LA4	9.8	1500	-
0.3	127	17.5	1.85	10.73	BS04-../DHE07LA4	9.8	1600	-
0.3	104	21	1.55	13.09	BS04-../DHE07LA4	9.8	1760	-
0.3	84	26	1.35	16.31	BS04-../DHE07LA4	9.8	1970	-
0.3	76	26.5	1.3	18.00	BS04-../DHE07LA4	9.8	1950	-
0.3	65	33	1.1	20.96	BS04-../DHE07LA4	9.8	2100	-
0.3	57	38	0.89	24.25	BS04-../DHE07LA4	9.8	2250	-
0.3	52	39	0.97	26.21	BS04-../DHE07LA4	9.8	2250	-
0.3	43.5	46	0.83	31.50	BS04-../DHE07LA4	9.8	2250	-
0.3	97	23.5	2.9	14.07	BS06-../DHE07LA4	14	2200	-
0.3	83	27.5	2.6	16.56	BS06-../DHE07LA4	14	2400	-
0.3	69	33	2.3	19.82	BS06-../DHE07LA4	14	2500	-
0.3	57	40	1.95	24.25	BS06-../DHE07LA4	14	2600	-
0.3	52	40	1.95	26.21	BS06-../DHE07LA4	14	3000	-
0.3	43.5	48	1.65	31.50	BS06-../DHE07LA4	14	3200	-
0.3	33	62	1.4	41.29	BS06-../DHE07LA4	14	3500	-
0.3	28	73	1.2	48.60	BS06-../DHE07LA4	14	3500	-
0.3	23.5	86	1.05	58.15	BS06-../DHE07LA4	14	3500	-
0.3	21.5	90	0.89	64.06	BS06-../DHE07LA4	14	3500	-
0.3	19.5	104	0.9	71.18	BS06-../DHE07LA4	14	3500	-
0.3	18	106	0.8	77.00	BS06-../DHE07LA4	14	3500	-
0.3	52	42.5	3.1	26.42	BS10-../DHE07LA4	26	3250	-
0.3	41	53	2.5	33.55	BS10-../DHE07LA4	26	3550	-
0.3	34.5	62	2.3	39.96	BS10-../DHE07LA4	26	3800	-
0.3	29	74	1.95	47.59	BS10-../DHE07LA4	26	4050	-
0.3	24	88	1.7	57.12	BS10-../DHE07LA4	26	4350	-
0.3	22.5	85	1.75	60.74	BS10-../DHE07LA4	26	4550	-
0.3	19	111	1.45	71.96	BS10-../DHE07LA4	26	5000	-
0.3	16.5	128	1.15	84.36	BS10-../DHE07LA4	26	5300	-
0.3	13.5	135	1.2	103.4	BS10-../DHE07LA4	26	5600	-
0.3	10.5	174	0.94	130.3	BS10-../DHE07LA4	26	6000	-
0.3	9.0	200	0.83	152.7	BS10-../DHE07LA4	26	6000	-
0.3	23.5	91	3.1	58.74	BS20-../DHE07LA4	36	5900	-
0.3	19.5	110	2.7	70.30	BS20-../DHE07LA4	36	6300	-
0.3	18	105	2.6	76.18	BS20-../DHE07LA4	36	6600	-
0.3	15.5	121	2.2	88.67	BS20-../DHE07LA4	36	7000	-
0.3	13	145	1.85	106.3	BS20-../DHE07LA4	36	7600	-
0.3	11	171	1.6	127.3	BS20-../DHE07LA4	36	8000	-
0.3	8.6	215	1.3	159.4	BS20-../DHE07LA4	36	8000	-
0.3	7.5	250	1.1	183.0	BS20-../DHE07LA4	36	8000	-
0.3	6.1	300	0.97	225.6	BS20-../DHE07LA4	36	8000	-
0.3	5.3	345	0.86	257.8	BS20Z-../DHE07LA4	38	8000	-
0.3	16.5	133	3.1	83.48	BS30-../DHE07LA4	54	6800	-
0.3	11	177	2.9	125.2	BS30-../DHE07LA4	54	8700	-
0.3	9.1	210	2.6	151.1	BS30-../DHE07LA4	54	9500	-
0.3	7.3	255	2.1	186.7	BS30-../DHE07LA4	54	10000	-
0.3	6.3	300	1.75	216.4	BS30-../DHE07LA4	54	10000	-
0.3	5.2	360	1.55	261.6	BS30Z-../DHE07LA4	56	10000	-
0.3	4.5	410	1.4	306.6	BS30Z-../DHE07LA4	56	10000	-
0.3	3.5	530	1.1	390.2	BS30Z-../DHE07LA4	56	10000	-
0.3	3.0	610	0.98	457.3	BS30Z-../DHE07LA4	56	10000	-
0.3	2.6	700	0.86	539.3	BS30Z-../DHE07LA4	56	10000	-
0.3	7.0	300	2.3	197.1	BS40Z-../DHE07LA4	70	15000	-
0.3	5.5	325	2.8	249.6	BS40Z-../DHE07LA4	70	15000	-
0.3	4.8	440	1.65	287.7	BS40Z-../DHE07LA4	70	15000	-
0.3	4.6	390	2.7	302.1	BS40Z-../DHE07LA4	70	15000	-
0.3	3.9	460	2.3	356.8	BS40Z-../DHE07LA4	70	15000	-
0.3	3.1	580	1.7	446.8	BS40Z-../DHE07LA4	70	15000	-
0.3	2.7	660	1.65	520.8	BS40Z-../DHE07LA4	70	15000	-
0.3	2.3	750	1.2	612.1	BS40Z-../DHE07LA4	70	15000	-
0.3	1.9	900	0.84	736.5	BS40Z-../DHE07LA4	70	15000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

0.37 kW



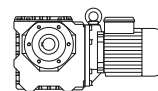
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.37	315	9.8	4.1	4.60	BS03-../DHE08MA4	10	1070	-
0.37	240	12.9	3.4	6.00	BS03-../DHE08MA4	10	1170	-
0.37	179	16.9	2.8	8.00	BS03-../DHE08MA4	10	1320	-
0.37	143	20.5	2.5	10.00	BS03-../DHE08MA4	10	1450	-
0.37	106	26	2.1	13.50	BS03-../DHE08MA4	10	1600	-
0.37	76	35	1.55	19.00	BS03-../DHE08MA4	10	1950	-
0.37	58	42	1.3	25.00	BS03-../DHE08MA4	10	1950	-
0.37	43.5	49.5	1.1	33.00	BS03-../DHE08MA4	10	1950	-
0.37	37	61	0.9	39.00	BS03-../DHE08MA4	10	1950	-
0.37	134	21	3.1	10.73	BS06-../DHE08MA4	16	1850	-
0.37	102	28	2.4	14.07	BS06-../DHE08MA4	16	2200	-
0.37	87	32	2.3	16.56	BS06-../DHE08MA4	16	2400	-
0.37	73	38.5	1.95	19.82	BS06-../DHE08MA4	16	2500	-
0.37	59	47.5	1.6	24.25	BS06-../DHE08MA4	16	2600	-
0.37	55	46.5	1.65	26.21	BS06-../DHE08MA4	16	3000	-
0.37	45.5	56	1.45	31.50	BS06-../DHE08MA4	16	3200	-
0.37	35	72	1.2	41.29	BS06-../DHE08MA4	16	3500	-
0.37	29.5	86	1.0	48.60	BS06-../DHE08MA4	16	3500	-
0.37	25	100	0.91	58.15	BS06-../DHE08MA4	16	3500	-
0.37	67	42	3.0	21.61	BS10-../DHE08MA4	27	3000	-
0.37	64	38	3.1	22.60	BS10-../DHE08MA4	27	3200	-
0.37	55	50	2.6	26.42	BS10-../DHE08MA4	27	3250	-
0.37	47	51	2.5	30.63	BS10-../DHE08MA4	27	3550	-
0.37	43	62	2.2	33.55	BS10-../DHE08MA4	27	3550	-
0.37	36	73	1.9	39.96	BS10-../DHE08MA4	27	3800	-
0.37	30.5	86	1.7	47.59	BS10-../DHE08MA4	27	4050	-
0.37	25.5	102	1.45	57.12	BS10-../DHE08MA4	27	4350	-
0.37	24	98	1.55	60.74	BS10-../DHE08MA4	27	4550	-
0.37	20	130	1.25	71.96	BS10-../DHE08MA4	27	5000	-
0.37	17	153	0.98	84.36	BS10-../DHE08MA4	27	5300	-
0.37	14	161	0.99	103.4	BS10-../DHE08MA4	27	5600	-
0.37	11	205	0.8	130.3	BS10-../DHE08MA4	27	6000	-
0.37	29.5	89	3.0	48.98	BS20-../DHE08MA4	37	5500	-
0.37	28.5	83	3.3	50.44	BS20-../DHE08MA4	37	5700	-
0.37	24.5	108	2.6	58.74	BS20-../DHE08MA4	37	5900	-
0.37	20.5	129	2.3	70.30	BS20-../DHE08MA4	37	6300	-
0.37	19	122	2.2	76.18	BS20-../DHE08MA4	37	6600	-
0.37	16.5	141	1.9	88.67	BS20-../DHE08MA4	37	7000	-
0.37	14.5	180	1.4	101.1	BS20-../DHE08MA4	37	7100	-
0.37	13.5	172	1.55	106.3	BS20-../DHE08MA4	37	7600	-
0.37	11.5	200	1.35	127.3	BS20-../DHE08MA4	37	8000	-
0.37	9.0	255	1.1	159.4	BS20-../DHE08MA4	37	8000	-
0.37	7.9	295	0.95	183.0	BS20-../DHE08MA4	37	8000	-
0.37	6.4	350	0.83	225.6	BS20-../DHE08MA4	37	8000	-
0.37	17.5	155	2.6	83.48	BS30-../DHE08MA4	55	6800	-
0.37	16	152	3.2	90.59	BS30-../DHE08MA4	55	7700	-
0.37	13.5	177	2.9	106.2	BS30-../DHE08MA4	55	8200	-
0.37	11.5	205	2.5	125.2	BS30-../DHE08MA4	55	8700	-
0.37	9.5	245	2.2	151.1	BS30-../DHE08MA4	55	9500	-
0.37	7.7	300	1.8	186.7	BS30-../DHE08MA4	55	10000	-
0.37	6.7	345	1.5	216.4	BS30-../DHE08MA4	55	10000	-
0.37	5.5	420	1.35	261.6	BS30Z-../DHE08MA4	58	10000	-
0.37	4.7	485	1.2	306.6	BS30Z-../DHE08MA4	58	10000	-
0.37	3.7	620	0.95	390.2	BS30Z-../DHE08MA4	58	10000	-
0.37	3.2	700	0.86	457.3	BS30Z-../DHE08MA4	58	10000	-
0.37	8.1	280	2.9	178.2	BS40-../DHE08MA4	68	15000	-
0.37	6.6	335	2.4	219.7	BS40-../DHE08MA4	68	15000	-
0.37	5.8	380	2.4	249.6	BS40Z-../DHE08MA4	71	15000	-
0.37	5.0	520	1.4	287.7	BS40Z-../DHE08MA4	71	15000	-
0.37	4.8	460	2.3	302.1	BS40Z-../DHE08MA4	71	15000	-
0.37	4.1	540	2.0	356.8	BS40Z-../DHE08MA4	71	15000	-
0.37	3.3	670	1.5	446.8	BS40Z-../DHE08MA4	71	15000	-
0.37	2.8	790	1.4	520.8	BS40Z-../DHE08MA4	71	15000	-
0.37	2.4	890	1.0	612.1	BS40Z-../DHE08MA4	71	15000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

0.55 kW



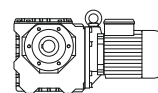
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.55	310	14.9	2.7	4.60	BS03-../DHE08LA4	12	1070	-
0.55	240	19.2	2.3	6.00	BS03-../DHE08LA4	12	1170	-
0.55	177	25.5	1.9	8.00	BS03-../DHE08LA4	12	1320	-
0.55	142	31	1.7	10.00	BS03-../DHE08LA4	12	1450	-
0.55	105	39	1.4	13.50	BS03-../DHE08LA4	12	1600	-
0.55	75	53	1.05	19.00	BS03-../DHE08LA4	12	1950	-
0.55	57	63	0.87	25.00	BS03-../DHE08LA4	12	1950	-
0.55	215	19.7	2.8	6.67	BS06-../DHE08LA4	17	1550	-
0.55	159	26.5	2.3	8.93	BS06-../DHE08LA4	17	1710	-
0.55	132	32	2.0	10.73	BS06-../DHE08LA4	17	1850	-
0.55	101	42	1.6	14.07	BS06-../DHE08LA4	17	2200	-
0.55	86	48.5	1.5	16.56	BS06-../DHE08LA4	17	2400	-
0.55	72	58	1.3	19.82	BS06-../DHE08LA4	17	2500	-
0.55	59	71	1.1	24.25	BS06-../DHE08LA4	17	2600	-
0.55	54	71	1.1	26.21	BS06-../DHE08LA4	17	3000	-
0.55	45	85	0.94	31.50	BS06-../DHE08LA4	17	3200	-
0.55	114	36.5	3.0	12.49	BS10-../DHE08LA4	28	2400	-
0.55	84	50	2.4	16.92	BS10-../DHE08LA4	28	2700	-
0.55	66	63	2.0	21.61	BS10-../DHE08LA4	28	3000	-
0.55	63	57	2.1	22.60	BS10-../DHE08LA4	28	3200	-
0.55	54	75	1.75	26.42	BS10-../DHE08LA4	28	3250	-
0.55	46.5	77	1.7	30.63	BS10-../DHE08LA4	28	3550	-
0.55	42.5	93	1.45	33.55	BS10-../DHE08LA4	28	3550	-
0.55	35.5	110	1.25	39.96	BS10-../DHE08LA4	28	3800	-
0.55	30	131	1.1	47.59	BS10-../DHE08LA4	28	4050	-
0.55	25	155	0.97	57.12	BS10-../DHE08LA4	28	4350	-
0.55	23.5	149	1.0	60.74	BS10-../DHE08LA4	28	4550	-
0.55	20	194	0.82	71.96	BS10-../DHE08LA4	28	5000	-
0.55	51	80	3.1	27.86	BS20-../DHE08LA4	39	4450	-
0.55	46.5	81	3.1	30.63	BS20-../DHE08LA4	39	4750	-
0.55	43.5	92	2.9	32.87	BS20-../DHE08LA4	39	4750	-
0.55	35.5	106	2.5	40.25	BS20-../DHE08LA4	39	5300	-
0.55	34	117	2.3	42.08	BS20-../DHE08LA4	39	5200	-
0.55	28.5	123	2.2	50.44	BS20-../DHE08LA4	39	5700	-
0.55	24.5	160	1.75	58.74	BS20-../DHE08LA4	39	5900	-
0.55	20.5	192	1.55	70.30	BS20-../DHE08LA4	39	6300	-
0.55	19	182	1.5	76.18	BS20-../DHE08LA4	39	6600	-
0.55	16	215	1.25	88.67	BS20-../DHE08LA4	39	7000	-
0.55	13.5	255	1.05	106.3	BS20-../DHE08LA4	39	7600	-
0.55	11.5	300	0.9	127.3	BS20-../DHE08LA4	39	8000	-
0.55	28.5	141	3.2	50.04	BS30-../DHE08LA4	56	5900	-
0.55	24.5	165	2.8	58.64	BS30-../DHE08LA4	56	6900	-
0.55	20	183	2.6	71.17	BS30-../DHE08LA4	56	7000	-
0.55	17	235	1.75	83.48	BS30-../DHE08LA4	56	6800	-
0.55	16	225	2.2	90.59	BS30-../DHE08LA4	56	7700	-
0.55	13.5	260	1.95	106.2	BS30-../DHE08LA4	56	8200	-
0.55	11.5	310	1.7	125.2	BS30-../DHE08LA4	56	8700	-
0.55	9.4	370	1.45	151.1	BS30-../DHE08LA4	56	9500	-
0.55	7.6	455	1.2	186.7	BS30-../DHE08LA4	56	10000	-
0.55	6.6	520	1.0	216.4	BS30-../DHE08LA4	56	10000	-
0.55	5.5	630	0.89	261.6	BS30Z-../DHE08LA4	59	10000	-
0.55	4.7	720	0.81	306.6	BS30Z-../DHE08LA4	59	10000	-
0.55	11.5	305	3.2	126.0	BS40-../DHE08LA4	69	14900	-
0.55	9.6	355	2.7	148.1	BS40-../DHE08LA4	69	15000	-
0.55	8.0	425	1.95	178.2	BS40-../DHE08LA4	69	15000	-
0.55	6.5	500	1.6	219.7	BS40-../DHE08LA4	69	15000	-
0.55	5.7	580	1.55	249.6	BS40Z-../DHE08LA4	73	15000	-
0.55	5.0	770	0.93	287.7	BS40Z-../DHE08LA4	73	15000	-
0.55	4.7	700	1.55	302.1	BS40Z-../DHE08LA4	73	15000	-
0.55	4.0	820	1.3	356.8	BS40Z-../DHE08LA4	73	15000	-
0.55	3.2	1030	0.96	446.8	BS40Z-../DHE08LA4	73	15000	-
0.55	2.8	1180	0.93	520.8	BS40Z-../DHE08LA4	73	15000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

0.75 kW



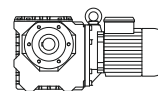
P _N	50 Hz			i	Type	m		
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.75	310	20	2.0	4.60	BS03-../DHE08XA4	13	1070	-
0.75	240	26	1.7	6.00	BS03-../DHE08XA4	13	1170	-
0.75	178	34.5	1.4	8.00	BS03-../DHE08XA4	13	1320	-
0.75	142	42	1.25	10.00	BS03-../DHE08XA4	13	1450	-
0.75	106	52	1.05	13.50	BS03-../DHE08XA4	13	1600	-
0.75	215	26.5	2.1	6.67	BS06-../DHE08XA4	18	1550	-
0.75	160	36	1.7	8.93	BS06-../DHE08XA4	18	1710	-
0.75	133	43.5	1.5	10.73	BS06-../DHE08XA4	18	1850	-
0.75	101	57	1.2	14.07	BS06-../DHE08XA4	18	2200	-
0.75	86	66	1.1	16.56	BS06-../DHE08XA4	18	2400	-
0.75	72	79	0.95	19.82	BS06-../DHE08XA4	18	2500	-
0.75	55	95	0.81	26.21	BS06-../DHE08XA4	18	3000	-
0.75	114	50	2.2	12.49	BS10-../DHE08XA4	30	2400	-
0.75	84	68	1.75	16.92	BS10-../DHE08XA4	30	2700	-
0.75	66	86	1.45	21.61	BS10-../DHE08XA4	30	3000	-
0.75	63	78	1.5	22.60	BS10-../DHE08XA4	30	3200	-
0.75	54	103	1.25	26.42	BS10-../DHE08XA4	30	3250	-
0.75	46.5	106	1.25	30.63	BS10-../DHE08XA4	30	3550	-
0.75	42.5	128	1.05	33.55	BS10-../DHE08XA4	30	3550	-
0.75	36	149	0.94	39.96	BS10-../DHE08XA4	30	3800	-
0.75	30	179	0.81	47.59	BS10-../DHE08XA4	30	4050	-
0.75	84	69	3.2	16.92	BS20-../DHE08XA4	40	3700	-
0.75	64	90	2.6	22.23	BS20-../DHE08XA4	40	4100	-
0.75	62	83	2.7	23.13	BS20-../DHE08XA4	40	4300	-
0.75	51	109	2.3	27.86	BS20-../DHE08XA4	40	4450	-
0.75	46.5	110	2.3	30.63	BS20-../DHE08XA4	40	4750	-
0.75	43.5	126	2.1	32.87	BS20-../DHE08XA4	40	4750	-
0.75	35.5	145	1.8	40.25	BS20-../DHE08XA4	40	5300	-
0.75	34	160	1.7	42.08	BS20-../DHE08XA4	40	5200	-
0.75	28.5	168	1.6	50.44	BS20-../DHE08XA4	40	5700	-
0.75	24.5	215	1.3	58.74	BS20-../DHE08XA4	40	5900	-
0.75	20.5	260	1.15	70.30	BS20-../DHE08XA4	40	6300	-
0.75	19	245	1.1	76.18	BS20-../DHE08XA4	40	6600	-
0.75	16.5	285	0.95	88.67	BS20-../DHE08XA4	40	7000	-
0.75	42.5	138	3.0	33.55	BS30-../DHE08XA4	57	5200	-
0.75	37.5	143	2.9	37.92	BS30-../DHE08XA4	57	5500	-
0.75	36.5	158	2.7	39.31	BS30-../DHE08XA4	57	5500	-
0.75	28.5	193	2.3	50.04	BS30-../DHE08XA4	57	5900	-
0.75	24.5	225	2.0	58.64	BS30-../DHE08XA4	57	6900	-
0.75	20	250	1.9	71.17	BS30-../DHE08XA4	57	7000	-
0.75	17.5	315	1.3	83.48	BS30-../DHE08XA4	57	6800	-
0.75	16	305	1.6	90.59	BS30-../DHE08XA4	57	7700	-
0.75	13.5	360	1.4	106.2	BS30-../DHE08XA4	57	8200	-
0.75	11.5	420	1.25	125.2	BS30-../DHE08XA4	57	8700	-
0.75	9.4	510	1.05	151.1	BS30-../DHE08XA4	57	9500	-
0.75	7.7	610	0.89	186.7	BS30-../DHE08XA4	57	10000	-
0.75	20.5	265	2.8	69.60	BS40-../DHE08XA4	70	11800	-
0.75	16.5	295	3.1	86.33	BS40-../DHE08XA4	70	12900	-
0.75	13.5	355	2.7	108.1	BS40-../DHE08XA4	70	14000	-
0.75	11.5	415	2.4	126.0	BS40-../DHE08XA4	70	14900	-
0.75	9.6	480	2.0	148.1	BS40-../DHE08XA4	70	15000	-
0.75	8.0	580	1.4	178.2	BS40-../DHE08XA4	70	15000	-
0.75	6.5	690	1.15	219.7	BS40-../DHE08XA4	70	15000	-
0.75	5.7	790	1.15	249.6	BS40Z-../DHE08XA4	74	15000	-
0.75	4.8	940	1.15	302.1	BS40Z-../DHE08XA4	74	15000	-
0.75	4.0	1120	0.96	356.8	BS40Z-../DHE08XA4	74	15000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DHE - IE2

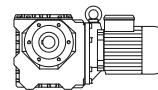
1.1 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
1.1	116	72	1.5	12.49	BS10-../DHE09LA4	36	2400	-
1.1	86	97	1.25	16.92	BS10-../DHE09LA4	36	2700	-
1.1	67	125	1.0	21.61	BS10-../DHE09LA4	36	3000	-
1.1	64	113	1.05	22.60	BS10-../DHE09LA4	36	3200	-
1.1	55	148	0.88	26.42	BS10-../DHE09LA4	36	3250	-
1.1	47.5	152	0.86	30.63	BS10-../DHE09LA4	36	3550	-
1.1	113	75	2.7	12.77	BS20-../DHE09LA4	46	3350	-
1.1	86	98	2.2	16.92	BS20-../DHE09LA4	46	3700	-
1.1	65	130	1.75	22.23	BS20-../DHE09LA4	46	4100	-
1.1	63	120	1.9	23.13	BS20-../DHE09LA4	46	4300	-
1.1	52	157	1.6	27.86	BS20-../DHE09LA4	46	4450	-
1.1	47.5	159	1.55	30.63	BS20-../DHE09LA4	46	4750	-
1.1	44	183	1.5	32.87	BS20-../DHE09LA4	46	4750	-
1.1	36	210	1.25	40.25	BS20-../DHE09LA4	46	5300	-
1.1	34.5	230	1.15	42.08	BS20-../DHE09LA4	46	5200	-
1.1	29	240	1.15	50.44	BS20-../DHE09LA4	46	5700	-
1.1	25	315	0.89	58.74	BS20-../DHE09LA4	46	5900	-
1.1	69	126	3.0	20.94	BS30-../DHE09LA4	64	4300	-
1.1	60	131	2.8	24.06	BS30-../DHE09LA4	64	4600	-
1.1	54	161	2.5	27.07	BS30-../DHE09LA4	64	4750	-
1.1	47.5	165	2.4	30.63	BS30-../DHE09LA4	64	5000	-
1.1	43	200	2.1	33.55	BS30-../DHE09LA4	64	5200	-
1.1	38	205	2.0	37.92	BS30-../DHE09LA4	64	5500	-
1.1	37	225	1.9	39.31	BS30-../DHE09LA4	64	5500	-
1.1	29	275	1.65	50.04	BS30-../DHE09LA4	64	5900	-
1.1	25	320	1.45	58.64	BS30-../DHE09LA4	64	6900	-
1.1	20.5	355	1.35	71.17	BS30-../DHE09LA4	64	7000	-
1.1	17.5	460	0.89	83.48	BS30-../DHE09LA4	64	6800	-
1.1	16	450	1.1	90.59	BS30-../DHE09LA4	64	7700	-
1.1	14	510	1.0	106.2	BS30-../DHE09LA4	64	8200	-
1.1	12	590	0.88	125.2	BS30-../DHE09LA4	64	8700	-
1.1	30.5	265	3.1	47.69	BS40-../DHE09LA4	77	9600	-
1.1	24	310	2.8	60.38	BS40-../DHE09LA4	77	11200	-
1.1	21	385	1.95	69.60	BS40-../DHE09LA4	77	11800	-
1.1	20	365	2.4	73.09	BS40-../DHE09LA4	77	12100	-
1.1	17	425	2.1	86.33	BS40-../DHE09LA4	77	12900	-
1.1	13.5	520	1.85	108.1	BS40-../DHE09LA4	77	14000	-
1.1	11.5	610	1.6	126.0	BS40-../DHE09LA4	77	14900	-
1.1	9.8	690	1.4	148.1	BS40-../DHE09LA4	77	15000	-
1.1	8.1	840	0.98	178.2	BS40-../DHE09LA4	77	15000	-

9

1.5 kW



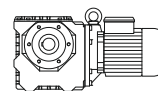
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
1.5	116	98	1.1	12.49	BS10-../DHE09XA4	40	2400	-
1.5	86	133	0.9	16.92	BS10-../DHE09XA4	40	2700	-
1.5	113	102	1.95	12.77	BS20-../DHE09XA4	50	3350	-
1.5	86	134	1.65	16.92	BS20-../DHE09XA4	50	3700	-
1.5	65	178	1.3	22.23	BS20-../DHE09XA4	50	4100	-
1.5	63	163	1.4	23.13	BS20-../DHE09XA4	50	4300	-
1.5	52	210	1.2	27.86	BS20-../DHE09XA4	50	4450	-
1.5	47.5	215	1.15	30.63	BS20-../DHE09XA4	50	4750	-
1.5	44	250	1.1	32.87	BS20-../DHE09XA4	50	4750	-
1.5	36	285	0.91	40.25	BS20-../DHE09XA4	50	5300	-
1.5	34.5	315	0.86	42.08	BS20-../DHE09XA4	50	5200	-
1.5	29	330	0.82	50.44	BS20-../DHE09XA4	50	5700	-
1.5	109	109	3.0	13.29	BS30-../DHE09XA4	68	3600	-
1.5	86	138	2.6	16.92	BS30-../DHE09XA4	68	3950	-
1.5	69	172	2.2	20.94	BS30-../DHE09XA4	68	4300	-

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

BS-series worm-geared motors

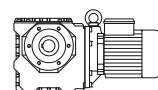
Selection - worm-geared motors DHE - IE2

1.5 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
1.5	60	179	2.1	24.06	BS30-../DHE09XA4	68	4600	-
1.5	54	220	1.8	27.07	BS30-../DHE09XA4	68	4750	-
1.5	47.5	225	1.8	30.63	BS30-../DHE09XA4	68	5000	-
1.5	43	270	1.55	33.55	BS30-../DHE09XA4	68	5200	-
1.5	38	280	1.5	37.92	BS30-../DHE09XA4	68	5500	-
1.5	37	310	1.4	39.31	BS30-../DHE09XA4	68	5500	-
1.5	29	380	1.2	50.04	BS30-../DHE09XA4	68	5900	-
1.5	25	440	1.05	58.64	BS30-../DHE09XA4	68	6900	-
1.5	20.5	485	0.99	71.17	BS30-../DHE09XA4	68	7000	-
1.5	16	610	0.8	90.59	BS30-../DHE09XA4	68	7700	-
1.5	43.5	260	3.0	33.35	BS40-../DHE09XA4	81	8300	-
1.5	38	275	2.8	38.13	BS40-../DHE09XA4	81	9400	-
1.5	36	310	2.6	40.37	BS40-../DHE09XA4	81	9000	-
1.5	30.5	365	2.3	47.69	BS40-../DHE09XA4	81	9600	-
1.5	24	420	2.0	60.38	BS40-../DHE09XA4	81	11200	-
1.5	21	520	1.45	69.60	BS40-../DHE09XA4	81	11800	-
1.5	20	500	1.75	73.09	BS40-../DHE09XA4	81	12100	-
1.5	17	580	1.55	86.33	BS40-../DHE09XA4	81	12900	-
1.5	13.5	710	1.35	108.1	BS40-../DHE09XA4	81	14000	-
1.5	11.5	830	1.2	126.0	BS40-../DHE09XA4	81	14900	-
1.5	9.8	950	1.0	148.1	BS40-../DHE09XA4	81	15000	-

2.2 kW



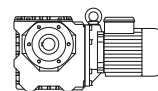
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
2.2	113	150	1.35	12.77	BS20-../DHE09XA4C	53	3350	-
2.2	86	197	1.1	16.92	BS20-../DHE09XA4C	53	3700	-
2.2	65	260	0.88	22.23	BS20-../DHE09XA4C	53	4100	-
2.2	63	240	0.95	23.13	BS20-../DHE09XA4C	53	4300	-
2.2	109	159	2.1	13.29	BS30-../DHE09XA4C	71	3600	-
2.2	86	200	1.8	16.92	BS30-../DHE09XA4C	71	3950	-
2.2	69	250	1.5	20.94	BS30-../DHE09XA4C	71	4300	-
2.2	60	260	1.4	24.06	BS30-../DHE09XA4C	71	4600	-
2.2	54	320	1.25	27.07	BS30-../DHE09XA4C	71	4750	-
2.2	47.5	330	1.2	30.63	BS30-../DHE09XA4C	71	5000	-
2.2	43	400	1.05	33.55	BS30-../DHE09XA4C	71	5200	-
2.2	38	410	1.0	37.92	BS30-../DHE09XA4C	71	5500	-
2.2	37	455	0.95	39.31	BS30-../DHE09XA4C	71	5500	-
2.2	29	550	0.82	50.04	BS30-../DHE09XA4C	71	5900	-
2.2	86	205	3.3	16.92	BS40-../DHE09XA4C	84	6400	-
2.2	69	245	2.9	21.06	BS40-../DHE09XA4C	84	6900	-
2.2	62	250	2.7	23.59	BS40-../DHE09XA4C	84	7900	-
2.2	56	305	2.4	26.18	BS40-../DHE09XA4C	84	7500	-
2.2	47.5	325	2.3	30.63	BS40-../DHE09XA4C	84	8700	-
2.2	43.5	385	2.0	33.35	BS40-../DHE09XA4C	84	8300	-
2.2	38	400	1.95	38.13	BS40-../DHE09XA4C	84	9400	-
2.2	36	460	1.75	40.37	BS40-../DHE09XA4C	84	9000	-
2.2	30.5	530	1.55	47.69	BS40-../DHE09XA4C	84	9600	-
2.2	24	620	1.4	60.38	BS40-../DHE09XA4C	84	11200	-
2.2	21	770	0.97	69.60	BS40-../DHE09XA4C	84	11800	-
2.2	20	730	1.2	73.09	BS40-../DHE09XA4C	84	12100	-
2.2	17	850	1.05	86.33	BS40-../DHE09XA4C	84	12900	-
2.2	13.5	1040	0.91	108.1	BS40-../DHE09XA4C	84	14000	-
2.2	11.5	1220	0.8	126.0	BS40-../DHE09XA4C	84	14900	-

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

BS-series worm-geared motors

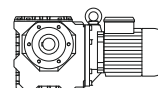
Selection - worm-geared motors DHE - IE2

3 kW



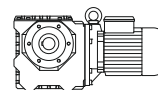
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
3	109	215	1.55	13.29	BS30-../DHE11MA4	77	3600	-
3	86	275	1.3	16.92	BS30-../DHE11MA4	77	3950	-
3	69	340	1.1	20.94	BS30-../DHE11MA4	77	4300	-
3	60	355	1.05	24.06	BS30-../DHE11MA4	77	4600	-
3	54	440	0.91	27.07	BS30-../DHE11MA4	77	4750	-
3	47.5	450	0.89	30.63	BS30-../DHE11MA4	77	5000	-
3	111	215	2.9	13.03	BS40-../DHE11MA4	95	5800	-
3	86	280	2.4	16.92	BS40-../DHE11MA4	95	6400	-
3	69	340	2.1	21.06	BS40-../DHE11MA4	95	6900	-
3	62	340	2.0	23.59	BS40-../DHE11MA4	95	7900	-
3	56	415	1.8	26.18	BS40-../DHE11MA4	95	7500	-
3	47.5	445	1.7	30.63	BS40-../DHE11MA4	95	8700	-
3	43.5	520	1.5	33.35	BS40-../DHE11MA4	95	8300	-
3	38	550	1.4	38.13	BS40-../DHE11MA4	95	9400	-
3	36	620	1.3	40.37	BS40-../DHE11MA4	95	9000	-
3	30.5	730	1.15	47.69	BS40-../DHE11MA4	95	9600	-
3	24	840	1.0	60.38	BS40-../DHE11MA4	95	11200	-
3	20	1000	0.88	73.09	BS40-../DHE11MA4	95	12100	-

4 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
4	109	290	1.15	13.29	BS30-../DHE11LA4	89	3600	-
4	86	365	0.99	16.92	BS30-../DHE11LA4	89	3950	-
4	69	455	0.84	20.94	BS30-../DHE11LA4	89	4300	-
4	111	290	2.1	13.03	BS40-../DHE11LA4	107	5800	-
4	86	375	1.8	16.92	BS40-../DHE11LA4	107	6400	-
4	69	450	1.6	21.06	BS40-../DHE11LA4	107	6900	-
4	62	455	1.5	23.59	BS40-../DHE11LA4	107	7900	-
4	56	550	1.35	26.18	BS40-../DHE11LA4	107	7500	-
4	47.5	590	1.25	30.63	BS40-../DHE11LA4	107	8700	-
4	43.5	700	1.1	33.35	BS40-../DHE11LA4	107	8300	-
4	38	730	1.05	38.13	BS40-../DHE11LA4	107	9400	-
4	36	830	0.96	40.37	BS40-../DHE11LA4	107	9000	-
4	30.5	970	0.86	47.69	BS40-../DHE11LA4	107	9600	-

5.5 kW



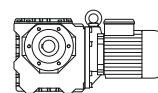
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
5.5	110	395	0.84	13.29	BS30-../DHE11LA4C	93	3600	-
5.5	113	395	1.55	13.03	BS40-../DHE11LA4C	111	5800	-
5.5	87	510	1.3	16.92	BS40-../DHE11LA4C	111	6400	-
5.5	70	610	1.15	21.06	BS40-../DHE11LA4C	111	6900	-
5.5	62	620	1.1	23.59	BS40-../DHE11LA4C	111	7900	-
5.5	56	760	0.97	26.18	BS40-../DHE11LA4C	111	7500	-
5.5	48	800	0.94	30.63	BS40-../DHE11LA4C	111	8700	-
5.5	44	950	0.82	33.35	BS40-../DHE11LA4C	111	8300	-

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

BS-series worm-geared motors

Selection - worm-geared motors DPE - IE3

0.03 kW



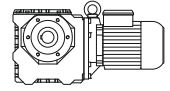
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.03	75	2.8	8.9	18.00	BS02-../D04LA4	3.5	1250	-
0.03	62	3.2	7.8	22.00	BS02-../D04LA4	3.5	1250	-
0.03	50	3.6	6.9	27.00	BS02-../D04LA4	3.5	1250	-
0.03	41	4.15	6.0	33.00	BS02-../D04LA4	3.5	1250	-
0.03	31.5	5.6	4.3	43.00	BS02-../D04LA4	3.5	1250	-
0.03	25	6.5	3.4	54.00	BS02-../D04LA4	3.5	1250	-
0.03	19.5	7.4	2.7	70.00	BS02-../D04LA4	3.5	1250	-
0.03	14.5	11.6	3.3	93.92	BS04-../D04LA4	3.9	2250	-
0.03	13.5	13.5	2.8	102.9	BS04-../D04LA4	3.9	2250	-
0.03	12	13.6	2.8	117.0	BS04-../D04LA4	3.9	2250	-
0.03	11	16.4	2.5	123.0	BS04-../D04LA4	3.9	2250	-
0.03	9.8	18.1	2.3	138.4	BS04-../D04LA4	3.9	2250	-
0.03	9.0	17.5	2.2	150.3	BS04-../D04LA4	3.9	2250	-
0.03	8.5	20.5	1.8	160.1	BS04-../D04LA4	3.9	2250	-
0.03	7.8	19.8	2.0	174.0	BS04-../D04LA4	3.9	2250	-
0.03	6.2	24	1.65	220.0	BS04-../D04LA4	3.9	2250	-
0.03	5.4	27.5	1.5	251.6	BS04-../D04LA4	3.9	2250	-
0.03	4.5	32	1.35	300.7	BS04-../D04LA4	3.9	2250	-
0.03	4.0	35.5	1.25	338.3	BS04-../D04LA4	3.9	2250	-
0.03	3.5	40	1.15	391.3	BS04-../D04LA4	3.9	2250	-
0.03	3.6	56	1.7	381.5	BS06G04-../D04LA4	11	3500	-
0.03	2.9	70	1.35	474.8	BS06G04-../D04LA4	11	3500	-
0.03	2.5	79	1.25	552.6	BS06G04-../D04LA4	11	3500	-
0.03	2.3	88	1.05	610.7	BS06G04-../D04LA4	11	3500	-
0.03	2.0	101	0.93	704.7	BS06G04-../D04LA4	11	3500	-
0.03	1.6	94*	1.0	847.0	BS06G04-../D04LA4	11	3500	-
0.03	1.5	94*	1.0	939.6	BS06G04-../D04LA4	11	3500	-
0.03	1.2	94*	1.0	1170	BS06G04-../D04LA4	11	3500	-
0.03	0.9	94*	1.0	1503	BS06G04-../D04LA4	11	3500	-
0.03	0.85	94*	1.0	1654	BS06G04-../D04LA4	11	3500	-
0.03	0.75	94*	1.0	1914	BS06G04-../D04LA4	11	3500	-
0.03	0.65	94*	1.0	2200	BS06G04-../D04LA4	11	3500	-
0.03	0.49	94*	1.0	2768	BS06G04-../D04LA4	11	3500	-
0.03	0.45	94*	1.0	3007	BS06G04-../D04LA4	11	3500	-
0.03	0.41	94*	1.0	3308	BS06G04-../D04LA4	11	3500	-
0.03	0.37	94*	1.0	3721	BS06G04-../D04LA4	11	3500	-
0.03	0.32	94*	1.0	4304	BS06G04-../D04LA4	11	3500	-
0.03	0.28	98*	1.0	4947	BS06G04-../D04LA4	11	3500	-
0.03	0.25	98*	1.0	5442	BS06G04-../D04LA4	11	3500	-
0.03	0.22	100*	1.0	6234	BS06G04-../D04LA4	11	3500	-
0.03	5.4	30.5	3.2	252.0	BS06-../D04LA4	8.4	3500	-
0.03	4.3	37.5	2.8	315.3	BS06-../D04LA4	8.4	3500	-
0.03	3.8	42	2.6	358.9	BS06-../D04LA4	8.4	3500	-
0.03	3.3	47.5	2.3	418.0	BS06-../D04LA4	8.4	3500	-
0.03	2.5	67	2.8	544.8	BS10Z-../D04LA4	21	6000	-
0.03	2.2	72	2.6	638.7	BS10Z-../D04LA4	21	6000	-
0.03	1.8	85	2.1	788.7	BS10Z-../D04LA4	21	6000	-
0.03	1.5	101	1.55	905.6	BS10Z-../D04LA4	21	6000	-
0.03	1.4	130	1.25	969.9	BS10G06-../D04LA4	25	6000	-
0.03	1.2	152	1.05	1166	BS10G06-../D04LA4	25	6000	-
0.03	1.1	166	0.96	1342	BS10G06-../D04LA4	25	6000	-
0.03	0.9	160*	1.0	1528	BS10G06-../D04LA4	25	6000	-
0.03	0.85	160*	1.0	1668	BS10G06-../D04LA4	25	6000	-
0.03	0.7	160*	1.0	1963	BS10G06-../D04LA4	25	6000	-
0.03	0.6	160*	1.0	2348	BS10G06-../D04LA4	25	6000	-
0.03	0.55	160*	1.0	2635	BS10G06-../D04LA4	25	6000	-
0.03	0.47	160*	1.0	2875	BS10G06-../D04LA4	25	6000	-
0.03	0.41	160*	1.0	3332	BS10G06-../D04LA4	25	6000	-
0.03	0.38	160*	1.0	3635	BS10G06-../D04LA4	25	6000	-
0.03	0.33	160*	1.0	4163	BS10G06-../D04LA4	25	6000	-
0.03	0.29	160*	1.0	4776	BS10G06-../D04LA4	25	6000	-
0.03	0.26	160*	1.0	5209	BS10G06-../D04LA4	25	6000	-
0.03	0.23	164*	1.0	6019	BS10G06-../D04LA4	25	6000	-
0.03	0.21	164*	1.0	6565	BS10G06-../D04LA4	25	6000	-
0.03	0.19	164*	1.0	7471	BS10G06-../D04LA4	25	6000	-
0.03	0.16	164*	1.0	8703	BS10G06-../D04LA4	25	6000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DPE - IE3

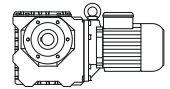
0.03 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.03	1.7	111	2.4	831.7	BS20G06-../D04LA4	35	8000	-
0.03	1.4	135	2.0	1000	BS20G06-../D04LA4	35	8000	-
0.03	1.1	171	1.6	1311	BS20G06-../D04LA4	35	8000	-
0.03	0.9	210	1.3	1543	BS20G06-../D04LA4	35	8000	-
0.03	0.85	220	1.25	1683	BS20G06-../D04LA4	35	8000	-
0.03	0.7	270*	1.0	2014	BS20G06-../D04LA4	35	8000	-
0.03	0.55	270*	1.0	2465	BS20G06-../D04LA4	35	8000	-
0.03	0.48	270*	1.0	2857	BS20G06-../D04LA4	35	8000	-
0.03	0.44	270*	1.0	3117	BS20G06-../D04LA4	35	8000	-
0.03	0.38	270*	1.0	3570	BS20G06-../D04LA4	35	8000	-
0.03	0.33	270*	1.0	4096	BS20G06-../D04LA4	35	8000	-
0.03	0.28	270*	1.0	4910	BS20G06-../D04LA4	35	8000	-
0.03	0.23	270*	1.0	5880	BS20G06-../D04LA4	35	8000	-
0.03	0.19	275*	1.0	7363	BS20G06-../D04LA4	35	8000	-
0.03	0.17	275*	1.0	8031	BS20G06-../D04LA4	35	8000	-
0.03	0.15	280*	1.0	9220	BS20G06-../D04LA4	35	8000	-
0.03	1.2	164	3.0	1176	BS30G06-../D04LA4	53	10000	-
0.03	0.95	205	2.4	1461	BS30G06-../D04LA4	53	10000	-
0.03	0.9	215	2.3	1576	BS30G06-../D04LA4	53	10000	-
0.03	0.75	260	1.9	1886	BS30G06-../D04LA4	53	10000	-
0.03	0.6	325	1.5	2308	BS30G06-../D04LA4	53	10000	-
0.03	0.55	355	1.4	2518	BS30G06-../D04LA4	53	10000	-
0.03	0.47	420	1.15	2919	BS30G06-../D04LA4	53	10000	-
0.03	0.41	480	1.0	3344	BS30G06-../D04LA4	53	10000	-
0.03	0.38	490*	1.0	3647	BS30G06-../D04LA4	53	10000	-
0.03	0.33	490*	1.0	4184	BS30G06-../D04LA4	53	10000	-
0.03	0.28	510*	1.0	4905	BS30G06-../D04LA4	53	10000	-
0.03	0.24	520*	1.0	5783	BS30G06-../D04LA4	53	10000	-
0.03	0.22	520*	1.0	6308	BS30G06-../D04LA4	53	10000	-
0.03	0.19	520*	1.0	7179	BS30G06-../D04LA4	53	10000	-
0.03	0.17	520*	1.0	8362	BS30G06-../D04LA4	53	10000	-

9

0.04 kW



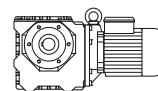
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.04	127	2.45	10	10.67	BS02-../D04LA4	3.5	1250	-
0.04	100	2.95	8.5	13.50	BS02-../D04LA4	3.5	1250	-
0.04	75	3.75	6.7	18.00	BS02-../D04LA4	3.5	1250	-
0.04	62	4.3	5.8	22.00	BS02-../D04LA4	3.5	1250	-
0.04	50	4.8	5.2	27.00	BS02-../D04LA4	3.5	1250	-
0.04	41	5.5	4.5	33.00	BS02-../D04LA4	3.5	1250	-
0.04	31.5	7.5	3.2	43.00	BS02-../D04LA4	3.5	1250	-
0.04	25	8.7	2.5	54.00	BS02-../D04LA4	3.5	1250	-
0.04	19.5	9.9	2.0	70.00	BS02-../D04LA4	3.5	1250	-
0.04	21.5	11.1	3.2	64.06	BS04-../D04LA4	3.9	2250	-
0.04	19	13.2	2.9	71.18	BS04-../D04LA4	3.9	2250	-
0.04	18	12.9	2.9	77.00	BS04-../D04LA4	3.9	2250	-
0.04	14.5	15.5	2.5	93.92	BS04-../D04LA4	3.9	2250	-
0.04	13.5	18.1	2.1	102.9	BS04-../D04LA4	3.9	2250	-
0.04	12	18.1	2.1	117.0	BS04-../D04LA4	3.9	2250	-
0.04	11	21.5	1.9	123.0	BS04-../D04LA4	3.9	2250	-
0.04	9.8	24	1.75	138.4	BS04-../D04LA4	3.9	2250	-
0.04	9.0	23	1.7	150.3	BS04-../D04LA4	3.9	2250	-
0.04	8.5	27	1.35	160.1	BS04-../D04LA4	3.9	2250	-
0.04	7.8	26	1.55	174.0	BS04-../D04LA4	3.9	2250	-
0.04	6.2	32.5	1.25	220.0	BS04-../D04LA4	3.9	2250	-
0.04	5.4	36.5	1.1	251.6	BS04-../D04LA4	3.9	2250	-
0.04	4.5	43	1.0	300.7	BS04-../D04LA4	3.9	2250	-
0.04	4.0	47.5	0.93	338.3	BS04-../D04LA4	3.9	2250	-
0.04	3.5	53	0.85	391.3	BS04-../D04LA4	3.9	2250	-
0.04	3.6	75	1.25	381.5	BS06G04-../D04LA4	11	3500	-

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

BS-series worm-geared motors

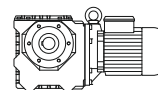
Selection - worm-geared motors DPE - IE3

0.04 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.04	2.9	93	1.0	474.8	BS06G04-../D04LA4	11	3500	-
0.04	2.5	105	0.95	552.6	BS06G04-../D04LA4	11	3500	-
0.04	2.3	117	0.8	610.7	BS06G04-../D04LA4	11	3500	-
0.04	7.9	30.5	2.9	171.0	BS06-../D04LA4	8.4	3500	-
0.04	6.2	36	2.7	220.0	BS06-../D04LA4	8.4	3500	-
0.04	5.4	41	2.4	252.0	BS06-../D04LA4	8.4	3500	-
0.04	4.3	50	2.1	315.3	BS06-../D04LA4	8.4	3500	-
0.04	3.8	56	1.95	358.9	BS06-../D04LA4	8.4	3500	-
0.04	3.3	63	1.75	418.0	BS06-../D04LA4	8.4	3500	-
0.04	3.8	62	3.1	360.3	BS10Z-../D04LA4	21	6000	-
0.04	3.2	72	2.6	432.4	BS10Z-../D04LA4	21	6000	-
0.04	2.5	90	2.1	544.8	BS10Z-../D04LA4	21	6000	-
0.04	2.2	97	1.95	638.7	BS10Z-../D04LA4	21	6000	-
0.04	1.8	114	1.6	788.7	BS10Z-../D04LA4	21	6000	-
0.04	1.5	134	1.2	905.6	BS10Z-../D04LA4	21	6000	-
0.04	1.4	174	0.92	969.9	BS10G06-../D04LA4	25	6000	-
0.04	1.2	200	0.8	1166	BS10G06-../D04LA4	25	6000	-
0.04	1.8	114	2.7	763.4	BS20Z-../D04LA4	32	8000	-
0.04	1.7	148	1.8	831.7	BS20G06-../D04LA4	35	8000	-
0.04	1.4	180	1.5	1000	BS20G06-../D04LA4	35	8000	-
0.04	1.1	225	1.2	1311	BS20G06-../D04LA4	35	8000	-
0.04	1.4	188	2.6	1022	BS30G06-../D04LA4	53	10000	-
0.04	1.2	215	2.3	1176	BS30G06-../D04LA4	53	10000	-
0.04	0.95	275	1.8	1461	BS30G06-../D04LA4	53	10000	-
0.04	0.9	290	1.7	1576	BS30G06-../D04LA4	53	10000	-
0.04	0.75	350	1.4	1886	BS30G06-../D04LA4	53	10000	-
0.04	0.6	435	1.15	2308	BS30G06-../D04LA4	53	10000	-
0.04	0.55	475	1.05	2518	BS30G06-../D04LA4	53	10000	-

0.06 kW



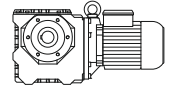
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.06	295	1.7	8.8	4.60	BS02-../D04LA4	3.5	1000	-
0.06	250	2.0	10	5.40	BS02-../D04LA4	3.5	1000	-
0.06	200	2.45	10	6.75	BS02-../D04LA4	3.5	1000	-
0.06	164	2.9	8.6	8.25	BS02-../D04LA4	3.5	1100	-
0.06	127	3.65	6.8	10.67	BS02-../D04LA4	3.5	1250	-
0.06	100	4.45	5.6	13.50	BS02-../D04LA4	3.5	1250	-
0.06	75	5.6	4.5	18.00	BS02-../D04LA4	3.5	1250	-
0.06	62	6.4	3.9	22.00	BS02-../D04LA4	3.5	1250	-
0.06	50	7.2	3.5	27.00	BS02-../D04LA4	3.5	1250	-
0.06	41	8.3	3.0	33.00	BS02-../D04LA4	3.5	1250	-
0.06	31.5	11.2	2.1	43.00	BS02-../D04LA4	3.5	1250	-
0.06	25	13	1.7	54.00	BS02-../D04LA4	3.5	1250	-
0.06	19.5	14.9	1.35	70.00	BS02-../D04LA4	3.5	1250	-
0.06	18	16.2	2.5	75.00	BS03-../D05LA4	5.4	1950	-
0.06	35.5	11.1	3.3	38.42	BS04-../D04LA4	3.9	2250	-
0.06	28.5	13.6	2.8	47.86	BS04-../D04LA4	3.9	2250	-
0.06	21.5	16.7	2.2	64.06	BS04-../D04LA4	3.9	2250	-
0.06	19	19.9	1.9	71.18	BS04-../D04LA4	3.9	2250	-
0.06	18	19.4	1.95	77.00	BS04-../D04LA4	3.9	2250	-
0.06	14.5	23	1.65	93.92	BS04-../D04LA4	3.9	2250	-
0.06	13.5	27	1.4	102.9	BS04-../D04LA4	3.9	2250	-
0.06	12	27	1.4	117.0	BS04-../D04LA4	3.9	2250	-
0.06	11	32.5	1.25	123.0	BS04-../D04LA4	3.9	2250	-
0.06	9.8	36	1.15	138.4	BS04-../D04LA4	3.9	2250	-
0.06	9.0	35	1.1	150.3	BS04-../D04LA4	3.9	2250	-
0.06	8.5	41	0.9	160.1	BS04-../D04LA4	3.9	2250	-

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

BS-series worm-geared motors

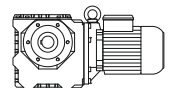
Selection - worm-geared motors DPE - IE3

0.06 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.06	7.8	39.5	1.0	174.0	BS04-../D04LA4	3.9	2250	-
0.06	6.2	48.5	0.82	220.0	BS04-../D04LA4	3.9	2250	-
0.06	3.6	113	0.83	381.5	BS06G04-../D04LA4	11	3500	-
0.06	11.5	32	2.9	118.8	BS06-../D04LA4	8.4	3500	-
0.06	10.5	36.5	2.8	129.0	BS06-../D04LA4	8.4	3500	-
0.06	9.2	40	2.7	146.8	BS06-../D04LA4	8.4	3500	-
0.06	7.8	44	2.2	174.0	BS06-../D04LA4	8.4	3500	-
0.06	6.2	54	1.8	220.0	BS06-../D04LA4	8.4	3500	-
0.06	5.4	61	1.6	252.0	BS06-../D04LA4	8.4	3500	-
0.06	4.3	75	1.4	315.3	BS06-../D04LA4	8.4	3500	-
0.06	3.8	84	1.3	358.9	BS06-../D04LA4	8.4	3500	-
0.06	3.3	95	1.15	418.0	BS06-../D04LA4	8.4	3500	-
0.06	11.5	36.5	3.3	119.6	BS10-../D06LA4	23	6000	-
0.06	6.3	58	3.1	216.6	BS10-../D06LA4	23	6000	-
0.06	5.4	67	2.7	254.0	BS10Z-../D06LA4	24	6000	-
0.06	4.5	78	2.4	302.5	BS10Z-../D06LA4	24	6000	-
0.06	3.8	93	2.0	360.3	BS10Z-../D06LA4	24	6000	-
0.06	3.2	109	1.75	432.4	BS10Z-../D06LA4	24	6000	-
0.06	2.5	135	1.4	544.8	BS10Z-../D06LA4	24	6000	-
0.06	2.2	145	1.3	638.7	BS10Z-../D06LA4	24	6000	-
0.06	1.8	171	1.05	788.7	BS10Z-../D06LA4	24	6000	-
0.06	3.2	109	3.0	430.8	BS20Z-../D06LA4	35	8000	-
0.06	2.6	121	3.0	539.7	BS20Z-../D06LA4	35	8000	-
0.06	2.2	140	2.4	619.2	BS20Z-../D06LA4	35	8000	-
0.06	1.8	171	1.8	763.4	BS20Z-../D06LA4	35	8000	-
0.06	1.7	220	1.25	831.7	BS20G06-../D06LA4	38	8000	-
0.06	1.4	270	1.0	1000	BS20G06-../D06LA4	38	8000	-
0.06	1.7	195	2.4	804.1	BS30Z-../D06LA4	54	10000	-
0.06	1.5	215	2.1	932.0	BS30Z-../D06LA4	54	10000	-
0.06	1.4	280	1.75	1022	BS30G06-../D06LA4	56	10000	-
0.06	1.2	325	1.5	1176	BS30G06-../D06LA4	56	10000	-
0.06	0.95	415	1.2	1461	BS30G06-../D06LA4	56	10000	-
0.06	0.9	435	1.15	1576	BS30G06-../D06LA4	56	10000	-
0.06	1.5	225	3.3	908.2	BS40Z-../D06LA4	68	15000	-
0.06	1.4	285	3.1	965.5	BS40G10-../D06LA4	73	15000	-
0.06	1.2	330	2.7	1180	BS40G10-../D06LA4	73	15000	-
0.06	0.95	420	2.1	1499	BS40G10-../D06LA4	73	15000	-
0.06	0.8	500	1.75	1785	BS40G10-../D06LA4	73	15000	-
0.06	0.65	610	1.45	2126	BS40G10-../D06LA4	73	15000	-
0.06	0.6	660	1.35	2304	BS40G10-../D06LA4	73	15000	-
0.06	0.55	720	1.2	2552	BS40G10-../D06LA4	73	15000	-
0.06	0.47	850	1.05	2902	BS40G10-../D06LA4	73	15000	-

0.09 kW



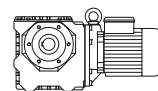
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.09	295	2.55	5.9	4.60	BS02-../D04LA4	3.5	1000	-
0.09	250	3.0	6.7	5.40	BS02-../D04LA4	3.5	1000	-
0.09	200	3.65	6.8	6.75	BS02-../D04LA4	3.5	1000	-
0.09	164	4.4	5.7	8.25	BS02-../D04LA4	3.5	1100	-
0.09	127	5.5	4.5	10.67	BS02-../D04LA4	3.5	1250	-
0.09	100	6.7	3.7	13.50	BS02-../D04LA4	3.5	1250	-
0.09	75	8.4	3.0	18.00	BS02-../D04LA4	3.5	1250	-
0.09	62	9.7	2.6	22.00	BS02-../D04LA4	3.5	1250	-
0.09	50	10.8	2.3	27.00	BS02-../D04LA4	3.5	1250	-
0.09	41	12.5	2.0	33.00	BS02-../D04LA4	3.5	1250	-
0.09	31.5	16.9	1.4	43.00	BS02-../D04LA4	3.5	1250	-
0.09	25	19.5	1.15	54.00	BS02-../D04LA4	3.5	1250	-

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

BS-series worm-geared motors

Selection - worm-geared motors DPE - IE3

0.09 kW



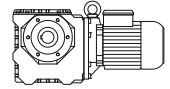
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.09	19.5	22	0.91	70.00	BS02-../D04LA4	3.5	1250	-
0.09	27	18.4	3.0	50.00	BS03-../D05LA4	5.4	1950	-
0.09	22	20.5	2.3	62.00	BS03-../D05LA4	5.4	1950	-
0.09	18	24	1.65	75.00	BS03-../D05LA4	5.4	1950	-
0.09	56	11.6	2.9	24.25	BS04-../D04LA4	3.9	2250	-
0.09	52	11.7	3.2	26.21	BS04-../D04LA4	3.9	2250	-
0.09	43	13.9	2.7	31.50	BS04-../D04LA4	3.9	2250	-
0.09	35.5	16.7	2.2	38.42	BS04-../D04LA4	3.9	2250	-
0.09	28.5	20.5	1.85	47.86	BS04-../D04LA4	3.9	2250	-
0.09	21.5	25	1.45	64.06	BS04-../D04LA4	3.9	2250	-
0.09	19	29.5	1.3	71.18	BS04-../D04LA4	3.9	2250	-
0.09	18	29	1.3	77.00	BS04-../D04LA4	3.9	2250	-
0.09	14.5	34.5	1.1	93.92	BS04-../D04LA4	3.9	2250	-
0.09	13.5	40.5	0.94	102.9	BS04-../D04LA4	3.9	2250	-
0.09	12	40.5	0.94	117.0	BS04-../D04LA4	3.9	2250	-
0.09	11	49	0.84	123.0	BS04-../D04LA4	3.9	2250	-
0.09	21.5	27	3.0	64.06	BS06-../D04LA4	8.4	3500	-
0.09	19	32	2.9	71.18	BS06-../D04LA4	8.4	3500	-
0.09	18	31.5	2.7	77.00	BS06-../D04LA4	8.4	3500	-
0.09	15	40	2.5	90.00	BS06-../D04LA4	8.4	3500	-
0.09	13.5	43.5	2.3	103.1	BS06-../D04LA4	8.4	3500	-
0.09	11.5	48.5	1.95	118.8	BS06-../D04LA4	8.4	3500	-
0.09	10.5	54	1.95	129.0	BS06-../D04LA4	8.4	3500	-
0.09	9.2	60	1.75	146.8	BS06-../D04LA4	8.4	3500	-
0.09	7.8	66	1.5	174.0	BS06-../D04LA4	8.4	3500	-
0.09	6.2	81	1.2	220.0	BS06-../D04LA4	8.4	3500	-
0.09	5.4	92	1.1	252.0	BS06-../D04LA4	8.4	3500	-
0.09	4.3	113	0.94	315.3	BS06-../D04LA4	8.4	3500	-
0.09	3.8	126	0.87	358.9	BS06-../D04LA4	8.4	3500	-
0.09	11.5	55	2.2	119.6	BS10-../D06LA4	23	6000	-
0.09	10.5	52	3.2	130.3	BS10-../D06LA4	23	6000	-
0.09	8.9	61	2.7	152.7	BS10-../D06LA4	23	6000	-
0.09	7.2	76	2.2	188.6	BS10-../D06LA4	23	6000	-
0.09	6.3	87	2.1	216.6	BS10-../D06LA4	23	6000	-
0.09	5.4	101	1.8	254.0	BS10Z-../D06LA4	24	6000	-
0.09	4.5	118	1.6	302.5	BS10Z-../D06LA4	24	6000	-
0.09	3.8	140	1.35	360.3	BS10Z-../D06LA4	24	6000	-
0.09	3.2	163	1.15	432.4	BS10Z-../D06LA4	24	6000	-
0.09	2.5	200	0.95	544.8	BS10Z-../D06LA4	24	6000	-
0.09	2.2	215	0.88	638.7	BS10Z-../D06LA4	24	6000	-
0.09	6.0	91	3.2	225.6	BS20-../D06LA4	34	8000	-
0.09	5.3	103	2.9	257.8	BS20Z-../D06LA4	35	8000	-
0.09	4.5	120	2.5	300.1	BS20Z-../D06LA4	35	8000	-
0.09	3.8	140	2.3	359.9	BS20Z-../D06LA4	35	8000	-
0.09	3.2	163	2.0	430.8	BS20Z-../D06LA4	35	8000	-
0.09	2.6	181	2.0	539.7	BS20Z-../D06LA4	35	8000	-
0.09	2.2	210	1.55	619.2	BS20Z-../D06LA4	35	8000	-
0.09	1.8	255	1.2	763.4	BS20Z-../D06LA4	35	8000	-
0.09	1.7	330	0.82	831.7	BS20G06-../D06LA4	38	8000	-
0.09	3.8	167	2.4	359.6	BS30Z-../D06LA4	54	10000	-
0.09	3.0	183	3.3	457.3	BS30Z-../D06LA4	54	10000	-
0.09	2.6	210	2.9	539.3	BS30Z-../D06LA4	54	10000	-
0.09	2.1	245	2.4	651.0	BS30Z-../D06LA4	54	10000	-
0.09	1.7	290	1.65	804.1	BS30Z-../D06LA4	54	10000	-
0.09	1.5	325	1.4	932.0	BS30Z-../D06LA4	54	10000	-
0.09	1.4	420	1.15	1022	BS30G06-../D06LA4	56	10000	-
0.09	1.2	490	1.0	1176	BS30G06-../D06LA4	56	10000	-
0.09	1.9	270	2.8	736.5	BS40Z-../D06LA4	68	15000	-
0.09	1.5	335	2.2	908.2	BS40Z-../D06LA4	68	15000	-
0.09	1.4	425	2.1	965.5	BS40G10-../D06LA4	73	15000	-
0.09	1.2	500	1.75	1180	BS40G10-../D06LA4	73	15000	-
0.09	0.95	630	1.4	1499	BS40G10-../D06LA4	73	15000	-
0.09	0.8	750	1.15	1785	BS40G10-../D06LA4	73	15000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DPE - IE3

0.11 kW



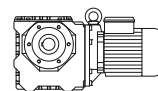
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.11	295	3.1	4.8	4.60	BS02-../D04LA4	3.5	1000	-
0.11	250	3.65	5.5	5.40	BS02-../D04LA4	3.5	1000	-
0.11	200	4.5	5.6	6.75	BS02-../D04LA4	3.5	1000	-
0.11	164	5.3	4.7	8.25	BS02-../D04LA4	3.5	1100	-
0.11	127	6.7	3.7	10.67	BS02-../D04LA4	3.5	1250	-
0.11	100	8.1	3.1	13.50	BS02-../D04LA4	3.5	1250	-
0.11	75	10.3	2.4	18.00	BS02-../D04LA4	3.5	1250	-
0.11	62	11.8	2.1	22.00	BS02-../D04LA4	3.5	1250	-
0.11	50	13.2	1.9	27.00	BS02-../D04LA4	3.5	1250	-
0.11	41	15.3	1.65	33.00	BS02-../D04LA4	3.5	1250	-
0.11	31.5	20.5	1.15	43.00	BS02-../D04LA4	3.5	1250	-
0.11	25	23.5	0.94	54.00	BS02-../D04LA4	3.5	1250	-
0.11	65	12.2	3.0	20.96	BS04-../D04LA4	3.9	2100	-
0.11	56	14.2	2.4	24.25	BS04-../D04LA4	3.9	2250	-
0.11	52	14.3	2.7	26.21	BS04-../D04LA4	3.9	2250	-
0.11	43	17.1	2.2	31.50	BS04-../D04LA4	3.9	2250	-
0.11	35.5	20	1.85	38.42	BS04-../D04LA4	3.9	2250	-
0.11	28.5	25	1.5	47.86	BS04-../D04LA4	3.9	2250	-
0.11	21.5	30.5	1.2	64.06	BS04-../D04LA4	3.9	2250	-
0.11	19	36	1.05	71.18	BS04-../D04LA4	3.9	2250	-
0.11	18	35.5	1.05	77.00	BS04-../D04LA4	3.9	2250	-
0.11	14.5	42.5	0.89	93.92	BS04-../D04LA4	3.9	2250	-
0.11	3.6	94*	1.0	381.5	BS06G04-../D04LA4	11	3500	-
0.11	2.9	94*	1.0	474.8	BS06G04-../D04LA4	11	3500	-
0.11	2.5	100*	1.0	552.6	BS06G04-../D04LA4	11	3500	-
0.11	2.3	94*	1.0	610.7	BS06G04-../D04LA4	11	3500	-
0.11	2.0	94*	1.0	704.7	BS06G04-../D04LA4	11	3500	-
0.11	1.6	94*	1.0	847.0	BS06G04-../D04LA4	11	3500	-
0.11	1.5	94*	1.0	939.6	BS06G04-../D04LA4	11	3500	-
0.11	1.2	94*	1.0	1170	BS06G04-../D04LA4	11	3500	-
0.11	0.9	94*	1.0	1503	BS06G04-../D04LA4	11	3500	-
0.11	0.85	94*	1.0	1654	BS06G04-../D04LA4	11	3500	-
0.11	0.75	94*	1.0	1914	BS06G04-../D04LA4	11	3500	-
0.11	0.65	94*	1.0	2200	BS06G04-../D04LA4	11	3500	-
0.11	0.49	94*	1.0	2768	BS06G04-../D04LA4	11	3500	-
0.11	0.45	94*	1.0	3007	BS06G04-../D04LA4	11	3500	-
0.11	0.41	94*	1.0	3308	BS06G04-../D04LA4	11	3500	-
0.11	0.37	94*	1.0	3721	BS06G04-../D04LA4	11	3500	-
0.11	0.32	94*	1.0	4304	BS06G04-../D04LA4	11	3500	-
0.11	0.28	98*	1.0	4947	BS06G04-../D04LA4	11	3500	-
0.11	0.25	98*	1.0	5442	BS06G04-../D04LA4	11	3500	-
0.11	0.22	100*	1.0	6234	BS06G04-../D04LA4	11	3500	-
0.11	28	27	3.3	48.60	BS06-../D04LA4	8.4	3500	-
0.11	23.5	31.5	2.9	58.15	BS06-../D04LA4	8.4	3500	-
0.11	21.5	33	2.4	64.06	BS06-../D04LA4	8.4	3500	-
0.11	19	39	2.4	71.18	BS06-../D04LA4	8.4	3500	-
0.11	18	39	2.2	77.00	BS06-../D04LA4	8.4	3500	-
0.11	15	49	2.0	90.00	BS06-../D04LA4	8.4	3500	-
0.11	13.5	53	1.9	103.1	BS06-../D04LA4	8.4	3500	-
0.11	11.5	59	1.6	118.8	BS06-../D04LA4	8.4	3500	-
0.11	10.5	67	1.55	129.0	BS06-../D04LA4	8.4	3500	-
0.11	9.2	74	1.45	146.8	BS06-../D04LA4	8.4	3500	-
0.11	7.8	80	1.25	174.0	BS06-../D04LA4	8.4	3500	-
0.11	6.2	99	0.99	220.0	BS06-../D04LA4	8.4	3500	-
0.11	5.4	112	0.88	252.0	BS06-../D04LA4	8.4	3500	-
0.11	6.8	98	1.5	200.0	BS10Z-../D04LA4	21	6000	-
0.11	5.4	124	1.45	254.0	BS10Z-../D04LA4	21	6000	-
0.11	4.5	144	1.3	302.5	BS10Z-../D04LA4	21	6000	-
0.11	3.8	171	1.1	360.3	BS10Z-../D04LA4	21	6000	-
0.11	3.2	200	0.95	432.4	BS10Z-../D04LA4	21	6000	-
0.11	1.4	160*	1.0	969.9	BS10G06-../D04LA4	25	6000	-
0.11	1.2	160*	1.0	1166	BS10G06-../D04LA4	25	6000	-
0.11	1.1	160*	1.0	1342	BS10G06-../D04LA4	25	6000	-
0.11	0.9	160*	1.0	1528	BS10G06-../D04LA4	25	6000	-
0.11	0.85	160*	1.0	1668	BS10G06-../D04LA4	25	6000	-
0.11	0.7	160*	1.0	1963	BS10G06-../D04LA4	25	6000	-

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

BS-series worm-geared motors

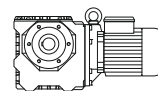
Selection - worm-geared motors DPE - IE3

0.11 kW



P _N	50 Hz			i	Type	m		
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.11	0.6	160*	1.0	2348	BS10G06-../D04LA4	25	6000	-
0.11	0.55	160*	1.0	2635	BS10G06-../D04LA4	25	6000	-
0.11	0.47	160*	1.0	2875	BS10G06-../D04LA4	25	6000	-
0.11	0.41	160*	1.0	3332	BS10G06-../D04LA4	25	6000	-
0.11	0.38	160*	1.0	3635	BS10G06-../D04LA4	25	6000	-
0.11	0.33	160*	1.0	4163	BS10G06-../D04LA4	25	6000	-
0.11	0.29	160*	1.0	4776	BS10G06-../D04LA4	25	6000	-
0.11	0.26	160*	1.0	5209	BS10G06-../D04LA4	25	6000	-
0.11	0.23	164*	1.0	6019	BS10G06-../D04LA4	25	6000	-
0.11	0.21	164*	1.0	6565	BS10G06-../D04LA4	25	6000	-
0.11	0.19	164*	1.0	7471	BS10G06-../D04LA4	25	6000	-
0.11	0.16	164*	1.0	8703	BS10G06-../D04LA4	25	6000	-
0.11	6.8	98	2.9	201.4	BS20Z-../D04LA4	32	8000	-
0.11	5.3	126	2.3	257.8	BS20Z-../D04LA4	32	8000	-
0.11	4.5	147	2.0	300.1	BS20Z-../D04LA4	32	8000	-
0.11	3.8	171	1.85	359.9	BS20Z-../D04LA4	32	8000	-
0.11	3.2	200	1.65	430.8	BS20Z-../D04LA4	32	8000	-
0.11	2.6	220	1.65	539.7	BS20Z-../D04LA4	32	8000	-
0.11	2.2	255	1.3	619.2	BS20Z-../D04LA4	32	8000	-
0.11	1.8	315	0.98	763.4	BS20Z-../D04LA4	32	8000	-
0.11	1.7	270*	1.0	831.7	BS20G06-../D04LA4	35	8000	-
0.11	1.4	270*	1.0	1000	BS20G06-../D04LA4	35	8000	-
0.11	1.1	270*	1.0	1311	BS20G06-../D04LA4	35	8000	-
0.11	0.9	270*	1.0	1543	BS20G06-../D04LA4	35	8000	-
0.11	0.85	270*	1.0	1683	BS20G06-../D04LA4	35	8000	-
0.11	0.7	270*	1.0	2014	BS20G06-../D04LA4	35	8000	-
0.11	0.55	270*	1.0	2465	BS20G06-../D04LA4	35	8000	-
0.11	0.48	270*	1.0	2857	BS20G06-../D04LA4	35	8000	-
0.11	0.44	270*	1.0	3117	BS20G06-../D04LA4	35	8000	-
0.11	0.38	270*	1.0	3570	BS20G06-../D04LA4	35	8000	-
0.11	0.33	270*	1.0	4096	BS20G06-../D04LA4	35	8000	-
0.11	0.28	270*	1.0	4910	BS20G06-../D04LA4	35	8000	-
0.11	0.23	270*	1.0	5880	BS20G06-../D04LA4	35	8000	-
0.11	0.19	275*	1.0	7363	BS20G06-../D04LA4	35	8000	-
0.11	0.17	275*	1.0	8031	BS20G06-../D04LA4	35	8000	-
0.11	0.15	280*	1.0	9220	BS20G06-../D04LA4	35	8000	-
0.11	1.4	510	0.96	1022	BS30G06-../D04LA4	53	10000	-
0.11	1.2	600	0.82	1176	BS30G06-../D04LA4	53	10000	-
0.11	0.95	490*	1.0	1461	BS30G06-../D04LA4	53	10000	-
0.11	0.9	490*	1.0	1576	BS30G06-../D04LA4	53	10000	-
0.11	0.75	490*	1.0	1886	BS30G06-../D04LA4	53	10000	-
0.11	0.6	490*	1.0	2308	BS30G06-../D04LA4	53	10000	-
0.11	0.55	490*	1.0	2518	BS30G06-../D04LA4	53	10000	-
0.11	0.47	490*	1.0	2919	BS30G06-../D04LA4	53	10000	-
0.11	0.41	490*	1.0	3344	BS30G06-../D04LA4	53	10000	-
0.11	0.38	490*	1.0	3647	BS30G06-../D04LA4	53	10000	-
0.11	0.33	490*	1.0	4184	BS30G06-../D04LA4	53	10000	-
0.11	0.28	510*	1.0	4905	BS30G06-../D04LA4	53	10000	-
0.11	0.24	520*	1.0	5783	BS30G06-../D04LA4	53	10000	-
0.11	0.22	520*	1.0	6308	BS30G06-../D04LA4	53	10000	-
0.11	0.19	520*	1.0	7179	BS30G06-../D04LA4	53	10000	-
0.11	0.17	520*	1.0	8362	BS30G06-../D04LA4	53	10000	-

0.12 kW



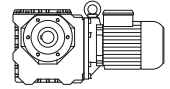
P _N	50 Hz			i	Type	m		
	n ₂	M ₂	f _B					
[kW]	[1/min]	[Nm]	[—]	[:1]		[kg]	[N]	[N]
0.12	310	3.25	4.6	4.60	BS02-../DPE05LA4	5.3	1000	-
0.12	265	3.8	5.3	5.40	BS02-../DPE05LA4	5.3	1000	-
0.12	210	4.65	5.4	6.75	BS02-../DPE05LA4	5.3	1000	-
0.12	171	5.6	4.5	8.25	BS02-../DPE05LA4	5.3	1100	-
0.12	132	7.1	3.5	10.67	BS02-../DPE05LA4	5.3	1250	-
0.12	105	8.5	2.9	13.50	BS02-../DPE05LA4	5.3	1250	-

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

BS-series worm-geared motors

Selection - worm-geared motors DPE - IE3

0.12 kW



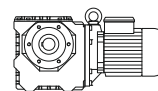
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.12	79	10.7	2.3	18.00	BS02-../DPE05LA4	5.3	1250	-
0.12	64	12.5	2.0	22.00	BS02-../DPE05LA4	5.3	1250	-
0.12	53	13.6	1.85	27.00	BS02-../DPE05LA4	5.3	1250	-
0.12	43	15.9	1.55	33.00	BS02-../DPE05LA4	5.3	1250	-
0.12	33	21.5	1.1	43.00	BS02-../DPE05LA4	5.3	1250	-
0.12	26.5	24.5	0.9	54.00	BS02-../DPE05LA4	5.3	1250	-
0.12	36.5	20	2.8	39.00	BS03-../DPE05LA4	5.4	1950	-
0.12	28.5	23	2.4	50.00	BS03-../DPE05LA4	5.4	1950	-
0.12	23	26	1.85	62.00	BS03-../DPE05LA4	5.4	1950	-
0.12	19	30.5	1.3	75.00	BS03-../DPE05LA4	5.4	1950	-
0.12	79	10.2	3.3	18.00	BS04-../DPE05LA4	5.8	1950	-
0.12	68	12.8	2.9	20.96	BS04-../DPE05LA4	5.8	2100	-
0.12	58	15	2.3	24.25	BS04-../DPE05LA4	5.8	2250	-
0.12	54	15	2.5	26.21	BS04-../DPE05LA4	5.8	2250	-
0.12	45	17.8	2.1	31.50	BS04-../DPE05LA4	5.8	2250	-
0.12	37	21	1.75	38.42	BS04-../DPE05LA4	5.8	2250	-
0.12	29.5	26	1.45	47.86	BS04-../DPE05LA4	5.8	2250	-
0.12	23	33	1.15	61.50	BS04-../DPE05LA4	5.8	2250	-
0.12	22	32.5	1.1	64.06	BS04-../DPE05LA4	5.8	2250	-
0.12	20	37.5	1.0	71.18	BS04-../DPE05LA4	5.8	2250	-
0.12	18.5	37.5	1.0	77.00	BS04-../DPE05LA4	5.8	2250	-
0.12	16	46.5	0.82	90.00	BS04-../DPE05LA4	5.8	2250	-
0.12	15	45	0.84	93.92	BS04-../DPE05LA4	5.8	2250	-
0.12	29	28	3.1	48.60	BS06-../DPE05LA4	10	3500	-
0.12	24.5	33	2.8	58.15	BS06-../DPE05LA4	10	3500	-
0.12	22	35	2.3	64.06	BS06-../DPE05LA4	10	3500	-
0.12	20	40.5	2.3	71.18	BS06-../DPE05LA4	10	3500	-
0.12	18.5	41.5	2.0	77.00	BS06-../DPE05LA4	10	3500	-
0.12	16	50	1.95	90.00	BS06-../DPE05LA4	10	3500	-
0.12	14	56	1.8	103.1	BS06-../DPE05LA4	10	3500	-
0.12	12	62	1.5	118.8	BS06-../DPE05LA4	10	3500	-
0.12	11	69	1.5	129.0	BS06-../DPE05LA4	10	3500	-
0.12	9.6	77	1.4	146.8	BS06-../DPE05LA4	10	3500	-
0.12	8.1	84	1.15	174.0	BS06-../DPE05LA4	10	3500	-
0.12	6.4	105	0.93	220.0	BS06-../DPE05LA4	10	3500	-
0.12	5.6	118	0.84	252.0	BS06-../DPE05LA4	10	3500	-
0.12	17	49.5	3.0	84.36	BS10-../DPE06LA4	23	5300	-
0.12	14	52	3.1	103.4	BS10-../DPE06LA4	23	5600	-
0.12	12	70	1.75	119.6	BS10-../DPE06LA4	23	6000	-
0.12	11	66	2.5	130.3	BS10-../DPE06LA4	23	6000	-
0.12	9.2	79	2.1	152.7	BS10-../DPE06LA4	23	6000	-
0.12	7.5	97	1.75	188.6	BS10-../DPE06LA4	23	6000	-
0.12	6.5	112	1.6	216.6	BS10-../DPE06LA4	23	6000	-
0.12	5.6	130	1.4	254.0	BS10Z-../DPE06LA4	24	6000	-
0.12	4.7	151	1.25	302.5	BS10Z-../DPE06LA4	24	6000	-
0.12	3.9	182	1.05	360.3	BS10Z-../DPE06LA4	24	6000	-
0.12	3.3	210	0.9	432.4	BS10Z-../DPE06LA4	24	6000	-
0.12	1.5	160*	1.0	969.9	BS10G06-../DPE06LA4	28	6000	-
0.12	1.3	160*	1.0	1166	BS10G06-../DPE06LA4	28	6000	-
0.12	1.1	160*	1.0	1342	BS10G06-../DPE06LA4	28	6000	-
0.12	0.95	160*	1.0	1528	BS10G06-../DPE06LA4	28	6000	-
0.12	0.85	160*	1.0	1668	BS10G06-../DPE06LA4	28	6000	-
0.12	0.75	160*	1.0	1963	BS10G06-../DPE06LA4	28	6000	-
0.12	0.6	160*	1.0	2348	BS10G06-../DPE06LA4	28	6000	-
0.12	0.55	160*	1.0	2635	BS10G06-../DPE06LA4	28	6000	-
0.12	0.49	160*	1.0	2875	BS10G06-../DPE06LA4	28	6000	-
0.12	0.43	160*	1.0	3332	BS10G06-../DPE06LA4	28	6000	-
0.12	0.39	160*	1.0	3635	BS10G06-../DPE06LA4	28	6000	-
0.12	0.34	160*	1.0	4163	BS10G06-../DPE06LA4	28	6000	-
0.12	0.3	160*	1.0	4776	BS10G06-../DPE06LA4	28	6000	-
0.12	0.27	160*	1.0	5209	BS10G06-../DPE06LA4	28	6000	-
0.12	0.24	164*	1.0	6019	BS10G06-../DPE06LA4	28	6000	-
0.12	0.22	164*	1.0	6565	BS10G06-../DPE06LA4	28	6000	-
0.12	0.19	164*	1.0	7471	BS10G06-../DPE06LA4	28	6000	-
0.12	0.17	164*	1.0	8703	BS10G06-../DPE06LA4	28	6000	-

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

BS-series worm-geared motors

Selection - worm-geared motors DPE - IE3

0.12 kW



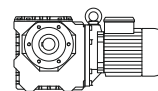
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.12	8.8	85	3.2	159.4	BS20-../DPE06LA4	34	8000	-
0.12	7.7	98	2.9	183.0	BS20-../DPE06LA4	34	8000	-
0.12	6.3	116	2.5	225.6	BS20-../DPE06LA4	34	8000	-
0.12	5.5	133	2.2	257.8	BS20Z-../DPE06LA4	35	8000	-
0.12	4.7	153	1.95	300.1	BS20Z-../DPE06LA4	35	8000	-
0.12	3.9	182	1.75	359.9	BS20Z-../DPE06LA4	35	8000	-
0.12	3.3	210	1.55	430.8	BS20Z-../DPE06LA4	35	8000	-
0.12	2.6	240	1.5	539.7	BS20Z-../DPE06LA4	35	8000	-
0.12	2.3	265	1.25	619.2	BS20Z-../DPE06LA4	35	8000	-
0.12	1.9	325	0.95	763.4	BS20Z-../DPE06LA4	35	8000	-
0.12	1.7	270*	1.0	831.7	BS20G06-../DPE06LA4	38	8000	-
0.12	1.4	270*	1.0	1000	BS20G06-../DPE06LA4	38	8000	-
0.12	1.1	270*	1.0	1311	BS20G06-../DPE06LA4	38	8000	-
0.12	0.95	270*	1.0	1543	BS20G06-../DPE06LA4	38	8000	-
0.12	0.85	270*	1.0	1683	BS20G06-../DPE06LA4	38	8000	-
0.12	0.7	270*	1.0	2014	BS20G06-../DPE06LA4	38	8000	-
0.12	0.6	270*	1.0	2465	BS20G06-../DPE06LA4	38	8000	-
0.12	0.5	270*	1.0	2857	BS20G06-../DPE06LA4	38	8000	-
0.12	0.45	270*	1.0	3117	BS20G06-../DPE06LA4	38	8000	-
0.12	0.4	270*	1.0	3570	BS20G06-../DPE06LA4	38	8000	-
0.12	0.35	270*	1.0	4096	BS20G06-../DPE06LA4	38	8000	-
0.12	0.29	270*	1.0	4910	BS20G06-../DPE06LA4	38	8000	-
0.12	0.24	270*	1.0	5880	BS20G06-../DPE06LA4	38	8000	-
0.12	0.2	275*	1.0	7363	BS20G06-../DPE06LA4	38	8000	-
0.12	0.18	275*	1.0	8031	BS20G06-../DPE06LA4	38	8000	-
0.12	0.16	280*	1.0	9220	BS20G06-../DPE06LA4	38	8000	-
0.12	3.9	215	1.85	359.6	BS30Z-../DPE06LA4	54	10000	-
0.12	3.6	205	2.9	390.2	BS30Z-../DPE06LA4	54	10000	-
0.12	3.1	235	2.6	457.3	BS30Z-../DPE06LA4	54	10000	-
0.12	2.6	280	2.1	539.3	BS30Z-../DPE06LA4	54	10000	-
0.12	2.2	310	1.85	651.0	BS30Z-../DPE06LA4	54	10000	-
0.12	1.8	365	1.3	804.1	BS30Z-../DPE06LA4	54	10000	-
0.12	1.6	405	1.1	932.0	BS30Z-../DPE06LA4	54	10000	-
0.12	1.4	560	0.88	1022	BS30G06-../DPE06LA4	56	10000	-
0.12	1.2	490*	1.0	1176	BS30G06-../DPE06LA4	56	10000	-
0.12	1.0	490*	1.0	1461	BS30G06-../DPE06LA4	56	10000	-
0.12	0.9	490*	1.0	1576	BS30G06-../DPE06LA4	56	10000	-
0.12	0.75	490*	1.0	1886	BS30G06-../DPE06LA4	56	10000	-
0.12	0.65	490*	1.0	2308	BS30G06-../DPE06LA4	56	10000	-
0.12	0.6	490*	1.0	2518	BS30G06-../DPE06LA4	56	10000	-
0.12	0.48	490*	1.0	2919	BS30G06-../DPE06LA4	56	10000	-
0.12	0.42	490*	1.0	3344	BS30G06-../DPE06LA4	56	10000	-
0.12	0.39	490*	1.0	3647	BS30G06-../DPE06LA4	56	10000	-
0.12	0.34	490*	1.0	4184	BS30G06-../DPE06LA4	56	10000	-
0.12	0.29	510*	1.0	4905	BS30G06-../DPE06LA4	56	10000	-
0.12	0.25	520*	1.0	5783	BS30G06-../DPE06LA4	56	10000	-
0.12	0.23	520*	1.0	6308	BS30G06-../DPE06LA4	56	10000	-
0.12	0.2	520*	1.0	7179	BS30G06-../DPE06LA4	56	10000	-
0.12	0.17	520*	1.0	8362	BS30G06-../DPE06LA4	56	10000	-
0.12	2.3	300	3.0	612.1	BS40Z-../DPE06LA4	68	15000	-
0.12	2.0	340	2.2	736.5	BS40Z-../DPE06LA4	68	15000	-
0.12	1.6	420	1.75	908.2	BS40Z-../DPE06LA4	68	15000	-
0.12	1.5	530	1.65	965.5	BS40G10-../DPE06LA4	73	15000	-
0.12	1.2	660	1.35	1180	BS40G10-../DPE06LA4	73	15000	-
0.12	0.95	840	1.05	1499	BS40G10-../DPE06LA4	73	15000	-
0.12	0.8	880*	1.0	1785	BS40G10-../DPE06LA4	73	15000	-
0.12	0.7	880*	1.0	2126	BS40G10-../DPE06LA4	73	15000	-
0.12	0.65	880*	1.0	2304	BS40G10-../DPE06LA4	73	15000	-
0.12	0.55	880*	1.0	2552	BS40G10-../DPE06LA4	73	15000	-
0.12	0.49	880*	1.0	2902	BS40G10-../DPE06LA4	73	15000	-
0.12	0.44	880*	1.0	3215	BS40G10-../DPE06LA4	73	15000	-
0.12	0.38	880*	1.0	3769	BS40G10-../DPE06LA4	73	15000	-
0.12	0.34	880*	1.0	4201	BS40G10-../DPE06LA4	73	15000	-
0.12	0.31	880*	1.0	4655	BS40G10-../DPE06LA4	73	15000	-
0.12	0.26	900*	1.0	5498	BS40G10-../DPE06LA4	73	15000	-
0.12	0.23	950*	1.0	6214	BS40G10-../DPE06LA4	73	15000	-
0.12	0.21	950*	1.0	6885	BS40G10-../DPE06LA4	73	15000	-

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

BS-series worm-geared motors

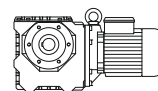
Selection - worm-geared motors DHE - IE2

0.12 kW



P _N	50 Hz				i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]		[:1]		[kg]	[N]	[N]
0.12	0.18	950*	1.0		7905	BS40G10-../DPE06LA4	73	15000	-

0.18 kW



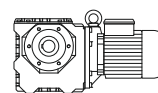
P _N	50 Hz				i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]		[:1]		[kg]	[N]	[N]
0.18	305	4.95	3.0		4.60	BS02-../DPE07LA4	9.3	1000	-
0.18	260	5.8	3.4		5.40	BS02-../DPE07LA4	9.3	1000	-
0.18	210	7.0	3.6		6.75	BS02-../DPE07LA4	9.3	1000	-
0.18	170	8.4	3.0		8.25	BS02-../DPE07LA4	9.3	1100	-
0.18	132	10.6	2.4		10.67	BS02-../DPE07LA4	9.3	1250	-
0.18	104	12.8	1.95		13.50	BS02-../DPE07LA4	9.3	1250	-
0.18	78	16.3	1.55		18.00	BS02-../DPE07LA4	9.3	1250	-
0.18	64	18.8	1.35		22.00	BS02-../DPE07LA4	9.3	1250	-
0.18	52	20.5	1.2		27.00	BS02-../DPE07LA4	9.3	1250	-
0.18	42.5	24	1.05		33.00	BS02-../DPE07LA4	9.3	1250	-
0.18	74	17.6	3.1		19.00	BS03-../DPE07LA4	9.4	1950	-
0.18	56	21	2.6		25.00	BS03-../DPE07LA4	9.4	1950	-
0.18	42.5	24.5	2.2		33.00	BS03-../DPE07LA4	9.4	1950	-
0.18	36	30.5	1.8		39.00	BS03-../DPE07LA4	9.4	1950	-
0.18	28	35.5	1.55		50.00	BS03-../DPE07LA4	9.4	1950	-
0.18	23	39.5	1.2		62.00	BS03-../DPE07LA4	9.4	1950	-
0.18	19	46	0.87		75.00	BS03-../DPE07LA4	9.4	1950	-
0.18	131	10.2	3.1		10.73	BS04-../DPE07LA4	9.8	1600	-
0.18	107	12.3	2.7		13.09	BS04-../DPE07LA4	9.8	1760	-
0.18	86	15.3	2.3		16.31	BS04-../DPE07LA4	9.8	1970	-
0.18	78	15.6	2.2		18.00	BS04-../DPE07LA4	9.8	1950	-
0.18	67	19.4	1.9		20.96	BS04-../DPE07LA4	9.8	2100	-
0.18	58	22.5	1.5		24.25	BS04-../DPE07LA4	9.8	2250	-
0.18	54	22.5	1.7		26.21	BS04-../DPE07LA4	9.8	2250	-
0.18	44.5	27	1.4		31.50	BS04-../DPE07LA4	9.8	2250	-
0.18	36.5	32	1.15		38.42	BS04-../DPE07LA4	9.8	2250	-
0.18	29.5	39.5	0.96		47.86	BS04-../DPE07LA4	9.8	2250	-
0.18	58	23.5	3.3		24.25	BS06-../DPE07LA4	14	2600	-
0.18	54	23	3.3		26.21	BS06-../DPE07LA4	14	3000	-
0.18	44.5	28	2.9		31.50	BS06-../DPE07LA4	14	3200	-
0.18	34	36	2.4		41.29	BS06-../DPE07LA4	14	3500	-
0.18	29	42.5	2.1		48.60	BS06-../DPE07LA4	14	3500	-
0.18	24.5	49.5	1.85		58.15	BS06-../DPE07LA4	14	3500	-
0.18	22	53	1.5		64.06	BS06-../DPE07LA4	14	3500	-
0.18	20	61	1.55		71.18	BS06-../DPE07LA4	14	3500	-
0.18	18.5	62	1.35		77.00	BS06-../DPE07LA4	14	3500	-
0.18	16	75	1.3		90.00	BS06-../DPE07LA4	14	3500	-
0.18	14	84	1.2		103.1	BS06-../DPE07LA4	14	3500	-
0.18	12	93	1.0		118.8	BS06-../DPE07LA4	14	3500	-
0.18	11	104	1.0		129.0	BS06-../DPE07LA4	14	3500	-
0.18	9.6	116	0.91		146.8	BS06-../DPE07LA4	14	3500	-
0.18	29.5	43.5	3.3		47.59	BS10-../DPE07LA4	26	4050	-
0.18	25	50	3.0		57.12	BS10-../DPE07LA4	26	4350	-
0.18	23.5	49	3.1		60.74	BS10-../DPE07LA4	26	4550	-
0.18	19.5	65	2.5		71.96	BS10-../DPE07LA4	26	5000	-
0.18	17	74	2.0		84.36	BS10-../DPE07LA4	26	5300	-
0.18	14	78	2.1		103.4	BS10-../DPE07LA4	26	5600	-
0.18	12	106	1.15		119.6	BS10-../DPE07LA4	26	6000	-
0.18	11	100	1.65		130.3	BS10-../DPE07LA4	26	6000	-
0.18	9.2	119	1.4		152.7	BS10-../DPE07LA4	26	6000	-
0.18	7.5	146	1.15		188.6	BS10-../DPE07LA4	26	6000	-
0.18	6.5	169	1.05		216.6	BS10-../DPE07LA4	26	6000	-
0.18	5.6	196	0.92		254.0	BS10Z-../DPE07LA4	27	6000	-
0.18	4.7	225	0.84		302.5	BS10Z-../DPE07LA4	27	6000	-

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

BS-series worm-geared motors

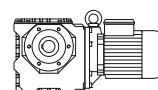
Selection - worm-geared motors DHE - IE2

0.18 kW



P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[—]	[:1]		[kg]	[N]	[N]
0.18	13.5	84	3.2	106.3	BS20-../DPE07LA4	36	7600	-
0.18	11	103	2.6	127.3	BS20-../DPE07LA4	36	8000	-
0.18	8.8	128	2.1	159.4	BS20-../DPE07LA4	36	8000	-
0.18	7.7	147	1.9	183.0	BS20-../DPE07LA4	36	8000	-
0.18	6.3	174	1.65	225.6	BS20-../DPE07LA4	36	8000	-
0.18	5.5	200	1.5	257.8	BS20Z-../DPE07LA4	38	8000	-
0.18	4.7	230	1.3	300.1	BS20Z-../DPE07LA4	38	8000	-
0.18	3.9	270	1.2	359.9	BS20Z-../DPE07LA4	38	8000	-
0.18	3.3	315	1.05	430.8	BS20Z-../DPE07LA4	38	8000	-
0.18	2.6	360	1.0	539.7	BS20Z-../DPE07LA4	38	8000	-
0.18	2.3	400	0.83	619.2	BS20Z-../DPE07LA4	38	8000	-
0.18	6.5	174	3.0	216.4	BS30-../DPE07LA4	54	10000	-
0.18	5.4	210	2.7	261.6	BS30Z-../DPE07LA4	56	10000	-
0.18	4.6	240	2.4	306.6	BS30Z-../DPE07LA4	56	10000	-
0.18	3.9	325	1.2	359.6	BS30Z-../DPE07LA4	56	10000	-
0.18	3.6	310	1.9	390.2	BS30Z-../DPE07LA4	56	10000	-
0.18	3.1	350	1.7	457.3	BS30Z-../DPE07LA4	56	10000	-
0.18	2.6	420	1.45	539.3	BS30Z-../DPE07LA4	56	10000	-
0.18	2.2	465	1.25	651.0	BS30Z-../DPE07LA4	56	10000	-
0.18	1.8	550	0.87	804.1	BS30Z-../DPE07LA4	56	10000	-
0.18	4.9	255	2.8	287.7	BS40Z-../DPE07LA4	70	15000	-
0.18	3.2	335	3.0	446.8	BS40Z-../DPE07LA4	70	15000	-
0.18	2.7	400	2.8	520.8	BS40Z-../DPE07LA4	70	15000	-
0.18	2.3	455	2.0	612.1	BS40Z-../DPE07LA4	70	15000	-
0.18	2.0	510	1.5	736.5	BS40Z-../DPE07LA4	70	15000	-
0.18	1.6	630	1.2	908.2	BS40Z-../DPE07LA4	70	15000	-
0.18	1.5	800	1.1	965.5	BS40G10-../DPE07LA4	76	15000	-
0.18	1.2	1000	0.88	1180	BS40G10-../DPE07LA4	76	15000	-

0.25 kW



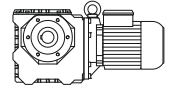
P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[—]	[:1]		[kg]	[N]	[N]
0.25	315	6.6	6.1	4.60	BS03-../DPE08MA4	10	1070	-
0.25	240	8.7	5.1	6.00	BS03-../DPE08MA4	10	1170	-
0.25	180	11.4	4.2	8.00	BS03-../DPE08MA4	10	1320	-
0.25	144	13.9	3.7	10.00	BS03-../DPE08MA4	10	1450	-
0.25	107	17.4	3.2	13.50	BS03-../DPE08MA4	10	1600	-
0.25	76	23.5	2.3	19.00	BS03-../DPE08MA4	10	1950	-
0.25	58	28	1.95	25.00	BS03-../DPE08MA4	10	1950	-
0.25	44	33	1.65	33.00	BS03-../DPE08MA4	10	1950	-
0.25	37	41	1.35	39.00	BS03-../DPE08MA4	10	1950	-
0.25	29	47.5	1.15	50.00	BS03-../DPE08MA4	10	1950	-
0.25	87	21.5	3.3	16.56	BS06-../DPE08MA4	16	2400	-
0.25	73	26	2.9	19.82	BS06-../DPE08MA4	16	2500	-
0.25	60	31.5	2.4	24.25	BS06-../DPE08MA4	16	2600	-
0.25	55	31.5	2.4	26.21	BS06-../DPE08MA4	16	3000	-
0.25	46	37.5	2.1	31.50	BS06-../DPE08MA4	16	3200	-
0.25	35	49	1.75	41.29	BS06-../DPE08MA4	16	3500	-
0.25	30	57	1.55	48.60	BS06-../DPE08MA4	16	3500	-
0.25	25	67	1.35	58.15	BS06-../DPE08MA4	16	3500	-
0.25	22.5	72	1.1	64.06	BS06-../DPE08MA4	16	3500	-
0.25	20.5	82	1.15	71.18	BS06-../DPE08MA4	16	3500	-
0.25	19	84	1.0	77.00	BS06-../DPE08MA4	16	3500	-
0.25	16	104	0.94	90.00	BS06-../DPE08MA4	16	3500	-
0.25	14	117	0.85	103.1	BS06-../DPE08MA4	16	3500	-
0.25	43	42	3.2	33.55	BS10-../DPE08MA4	27	3550	-
0.25	36.5	49	2.9	39.96	BS10-../DPE08MA4	27	3800	-
0.25	30.5	58	2.5	47.59	BS10-../DPE08MA4	27	4050	-
0.25	25.5	69	2.2	57.12	BS10-../DPE08MA4	27	4350	-
0.25	24	66	2.3	60.74	BS10-../DPE08MA4	27	4550	-

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

BS-series worm-geared motors

Selection - worm-geared motors DPE - IE3

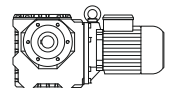
0.25 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.25	20.5	86	1.85	71.96	BS10-../DPE08MA4	27	5000	-
0.25	17.5	100	1.5	84.36	BS10-../DPE08MA4	27	5300	-
0.25	14	109	1.45	103.4	BS10-../DPE08MA4	27	5600	-
0.25	11.5	132	1.25	130.3	BS10-../DPE08MA4	27	6000	-
0.25	9.5	160	1.05	152.7	BS10-../DPE08MA4	27	6000	-
0.25	7.7	198	0.86	188.6	BS10-../DPE08MA4	27	6000	-
0.25	19	82	3.3	76.18	BS20-../DPE08MA4	37	6600	-
0.25	16.5	95	2.8	88.67	BS20-../DPE08MA4	37	7000	-
0.25	14	112	2.4	106.3	BS20-../DPE08MA4	37	7600	-
0.25	11.5	137	1.95	127.3	BS20-../DPE08MA4	37	8000	-
0.25	9.1	173	1.6	159.4	BS20-../DPE08MA4	37	8000	-
0.25	7.9	199	1.4	183.0	BS20-../DPE08MA4	37	8000	-
0.25	6.4	235	1.25	225.6	BS20-../DPE08MA4	37	8000	-
0.25	5.6	270	1.1	257.8	BS20Z-../DPE08MA4	39	8000	-
0.25	4.8	310	0.97	300.1	BS20Z-../DPE08MA4	39	8000	-
0.25	4.1	360	0.89	359.9	BS20Z-../DPE08MA4	39	8000	-
0.25	9.6	166	3.3	151.1	BS30-../DPE08MA4	55	9500	-
0.25	7.8	200	2.7	186.7	BS30-../DPE08MA4	55	10000	-
0.25	6.7	235	2.2	216.4	BS30-../DPE08MA4	55	10000	-
0.25	5.6	280	2.0	261.6	BS30Z-../DPE08MA4	58	10000	-
0.25	4.7	330	1.75	306.6	BS30Z-../DPE08MA4	58	10000	-
0.25	4.1	430	0.92	359.6	BS30Z-../DPE08MA4	58	10000	-
0.25	3.7	415	1.4	390.2	BS30Z-../DPE08MA4	58	10000	-
0.25	3.2	475	1.25	457.3	BS30Z-../DPE08MA4	58	10000	-
0.25	2.7	560	1.05	539.3	BS30Z-../DPE08MA4	58	10000	-
0.25	2.3	620	0.93	651.0	BS30Z-../DPE08MA4	58	10000	-
0.25	7.4	235	3.0	197.1	BS40Z-../DPE08MA4	71	15000	-
0.25	5.1	345	2.1	287.7	BS40Z-../DPE08MA4	71	15000	-
0.25	4.1	365	3.0	356.8	BS40Z-../DPE08MA4	71	15000	-
0.25	3.3	455	2.2	446.8	BS40Z-../DPE08MA4	71	15000	-
0.25	2.8	530	2.1	520.8	BS40Z-../DPE08MA4	71	15000	-
0.25	2.4	600	1.5	612.1	BS40Z-../DPE08MA4	71	15000	-
0.25	2.0	710	1.05	736.5	BS40Z-../DPE08MA4	71	15000	-
0.25	1.6	880	0.84	908.2	BS40Z-../DPE08MA4	71	15000	-

9

0.37 kW



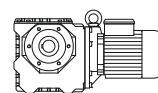
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.37	315	9.8	4.1	4.60	BS03-../DPE08LA4	12	1070	-
0.37	245	12.6	3.5	6.00	BS03-../DPE08LA4	12	1170	-
0.37	181	16.7	2.9	8.00	BS03-../DPE08LA4	12	1320	-
0.37	145	20	2.6	10.00	BS03-../DPE08LA4	12	1450	-
0.37	108	25.5	2.2	13.50	BS03-../DPE08LA4	12	1600	-
0.37	77	34.5	1.6	19.00	BS03-../DPE08LA4	12	1950	-
0.37	58	42	1.3	25.00	BS03-../DPE08LA4	12	1950	-
0.37	44	48.5	1.15	33.00	BS03-../DPE08LA4	12	1950	-
0.37	37.5	60	0.92	39.00	BS03-../DPE08LA4	12	1950	-
0.37	135	21	3.1	10.73	BS06-../DPE08LA4	17	1850	-
0.37	103	27.5	2.5	14.07	BS06-../DPE08LA4	17	2200	-
0.37	88	32	2.3	16.56	BS06-../DPE08LA4	17	2400	-
0.37	73	38.5	1.95	19.82	BS06-../DPE08LA4	17	2500	-
0.37	60	47	1.65	24.25	BS06-../DPE08LA4	17	2600	-
0.37	56	46	1.65	26.21	BS06-../DPE08LA4	17	3000	-
0.37	46	56	1.45	31.50	BS06-../DPE08LA4	17	3200	-
0.37	35	72	1.2	41.29	BS06-../DPE08LA4	17	3500	-
0.37	30	84	1.05	48.60	BS06-../DPE08LA4	17	3500	-
0.37	25	100	0.91	58.15	BS06-../DPE08LA4	17	3500	-
0.37	67	42	3.0	21.61	BS10-../DPE08LA4	28	3000	-
0.37	64	38	3.1	22.60	BS10-../DPE08LA4	28	3200	-

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

BS-series worm-geared motors

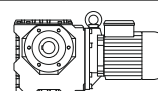
Selection - worm-geared motors DPE - IE3

0.37 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.37	55	50	2.6	26.42	BS10-../DPE08LA4	28	3250	-
0.37	47.5	51	2.5	30.63	BS10-../DPE08LA4	28	3550	-
0.37	43.5	61	2.2	33.55	BS10-../DPE08LA4	28	3550	-
0.37	36.5	72	1.95	39.96	BS10-../DPE08LA4	28	3800	-
0.37	30.5	86	1.7	47.59	BS10-../DPE08LA4	28	4050	-
0.37	25.5	102	1.45	57.12	BS10-../DPE08LA4	28	4350	-
0.37	24	98	1.55	60.74	BS10-../DPE08LA4	28	4550	-
0.37	20.5	127	1.25	71.96	BS10-../DPE08LA4	28	5000	-
0.37	17.5	149	1.0	84.36	BS10-../DPE08LA4	28	5300	-
0.37	14	161	0.99	103.4	BS10-../DPE08LA4	28	5600	-
0.37	11.5	196	0.84	130.3	BS10-../DPE08LA4	28	6000	-
0.37	30	88	3.1	48.98	BS20-../DPE08LA4	39	5500	-
0.37	29	81	3.3	50.44	BS20-../DPE08LA4	39	5700	-
0.37	25	106	2.6	58.74	BS20-../DPE08LA4	39	5900	-
0.37	21	126	2.4	70.30	BS20-../DPE08LA4	39	6300	-
0.37	19	122	2.2	76.18	BS20-../DPE08LA4	39	6600	-
0.37	16.5	141	1.9	88.67	BS20-../DPE08LA4	39	7000	-
0.37	14	166	1.65	106.3	BS20-../DPE08LA4	39	7600	-
0.37	11.5	200	1.35	127.3	BS20-../DPE08LA4	39	8000	-
0.37	9.1	255	1.1	159.4	BS20-../DPE08LA4	39	8000	-
0.37	7.9	295	0.95	183.0	BS20-../DPE08LA4	39	8000	-
0.37	6.5	345	0.84	225.6	BS20-../DPE08LA4	39	8000	-
0.37	17.5	155	2.6	83.48	BS30-../DPE08LA4	56	6800	-
0.37	16	152	3.2	90.59	BS30-../DPE08LA4	56	7700	-
0.37	14	171	3.0	106.2	BS30-../DPE08LA4	56	8200	-
0.37	12	200	2.6	125.2	BS30-../DPE08LA4	56	8700	-
0.37	9.6	245	2.2	151.1	BS30-../DPE08LA4	56	9500	-
0.37	7.8	295	1.85	186.7	BS30-../DPE08LA4	56	10000	-
0.37	6.7	345	1.5	216.4	BS30-../DPE08LA4	56	10000	-
0.37	5.6	415	1.35	261.6	BS30Z-../DPE08LA4	59	10000	-
0.37	4.8	475	1.2	306.6	BS30Z-../DPE08LA4	59	10000	-
0.37	3.8	600	0.98	390.2	BS30Z-../DPE08LA4	59	10000	-
0.37	3.2	700	0.86	457.3	BS30Z-../DPE08LA4	59	10000	-
0.37	8.2	280	2.9	178.2	BS40-../DPE08LA4	69	15000	-
0.37	6.6	335	2.4	219.7	BS40-../DPE08LA4	69	15000	-
0.37	5.8	380	2.4	249.6	BS40Z-../DPE08LA4	73	15000	-
0.37	5.1	510	1.4	287.7	BS40Z-../DPE08LA4	73	15000	-
0.37	4.8	460	2.3	302.1	BS40Z-../DPE08LA4	73	15000	-
0.37	4.1	540	2.0	356.8	BS40Z-../DPE08LA4	73	15000	-
0.37	3.3	670	1.5	446.8	BS40Z-../DPE08LA4	73	15000	-
0.37	2.8	790	1.4	520.8	BS40Z-../DPE08LA4	73	15000	-
0.37	2.4	890	1.0	612.1	BS40Z-../DPE08LA4	73	15000	-

0.55 kW



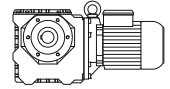
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.55	315	14.6	2.7	4.60	BS03-../DPE08XA4	13	1070	-
0.55	240	19.2	2.3	6.00	BS03-../DPE08XA4	13	1170	-
0.55	179	25	1.9	8.00	BS03-../DPE08XA4	13	1320	-
0.55	143	30.5	1.7	10.00	BS03-../DPE08XA4	13	1450	-
0.55	106	38.5	1.45	13.50	BS03-../DPE08XA4	13	1600	-
0.55	76	52	1.05	19.00	BS03-../DPE08XA4	13	1950	-
0.55	58	62	0.89	25.00	BS03-../DPE08XA4	13	1950	-
0.55	215	19.7	2.8	6.67	BS06-../DPE08XA4	18	1550	-
0.55	161	26	2.4	8.93	BS06-../DPE08XA4	18	1710	-
0.55	134	31.5	2.1	10.73	BS06-../DPE08XA4	18	1850	-
0.55	102	41.5	1.65	14.07	BS06-../DPE08XA4	18	2200	-
0.55	87	48	1.5	16.56	BS06-../DPE08XA4	18	2400	-
0.55	73	57	1.3	19.82	BS06-../DPE08XA4	18	2500	-
0.55	59	71	1.1	24.25	BS06-../DPE08XA4	18	2600	-

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

BS-series worm-geared motors

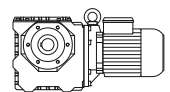
Selection - worm-geared motors DPE - IE3

0.55 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.55	55	69	1.1	26.21	BS06-../DPE08XA4	18	3000	-
0.55	45.5	84	0.95	31.50	BS06-../DPE08XA4	18	3200	-
0.55	35	108	0.8	41.29	BS06-../DPE08XA4	18	3500	-
0.55	115	36.5	3.0	12.49	BS10-../DPE08XA4	30	2400	-
0.55	85	49	2.4	16.92	BS10-../DPE08XA4	30	2700	-
0.55	67	62	2.0	21.61	BS10-../DPE08XA4	30	3000	-
0.55	64	56	2.1	22.60	BS10-../DPE08XA4	30	3200	-
0.55	55	74	1.75	26.42	BS10-../DPE08XA4	30	3250	-
0.55	47	77	1.7	30.63	BS10-../DPE08XA4	30	3550	-
0.55	43	92	1.45	33.55	BS10-../DPE08XA4	30	3550	-
0.55	36	109	1.3	39.96	BS10-../DPE08XA4	30	3800	-
0.55	30.5	129	1.1	47.59	BS10-../DPE08XA4	30	4050	-
0.55	25.5	152	0.99	57.12	BS10-../DPE08XA4	30	4350	-
0.55	24	146	1.05	60.74	BS10-../DPE08XA4	30	4550	-
0.55	20	194	0.82	71.96	BS10-../DPE08XA4	30	5000	-
0.55	52	78	3.2	27.86	BS20-../DPE08XA4	40	4450	-
0.55	47	80	3.1	30.63	BS20-../DPE08XA4	40	4750	-
0.55	44	91	3.0	32.87	BS20-../DPE08XA4	40	4750	-
0.55	36	105	2.5	40.25	BS20-../DPE08XA4	40	5300	-
0.55	34	117	2.3	42.08	BS20-../DPE08XA4	40	5200	-
0.55	29.5	133	2.0	48.98	BS20-../DPE08XA4	40	5500	-
0.55	28.5	123	2.2	50.44	BS20-../DPE08XA4	40	5700	-
0.55	24.5	160	1.75	58.74	BS20-../DPE08XA4	40	5900	-
0.55	20.5	192	1.55	70.30	BS20-../DPE08XA4	40	6300	-
0.55	19	182	1.5	76.18	BS20-../DPE08XA4	40	6600	-
0.55	16.5	210	1.3	88.67	BS20-../DPE08XA4	40	7000	-
0.55	14.5	265	0.94	101.1	BS20-../DPE08XA4	40	7100	-
0.55	13.5	255	1.05	106.3	BS20-../DPE08XA4	40	7600	-
0.55	11.5	300	0.9	127.3	BS20-../DPE08XA4	40	8000	-
0.55	29	139	3.2	50.04	BS30-../DPE08XA4	57	5900	-
0.55	24.5	165	2.8	58.64	BS30-../DPE08XA4	57	6900	-
0.55	20.5	179	2.7	71.17	BS30-../DPE08XA4	57	7000	-
0.55	17.5	230	1.8	83.48	BS30-../DPE08XA4	57	6800	-
0.55	16	225	2.2	90.59	BS30-../DPE08XA4	57	7700	-
0.55	13.5	260	1.95	106.2	BS30-../DPE08XA4	57	8200	-
0.55	11.5	310	1.7	125.2	BS30-../DPE08XA4	57	8700	-
0.55	9.5	370	1.45	151.1	BS30-../DPE08XA4	57	9500	-
0.55	7.7	450	1.2	186.7	BS30-../DPE08XA4	57	10000	-
0.55	6.7	510	1.0	216.4	BS30-../DPE08XA4	57	10000	-
0.55	5.5	630	0.89	261.6	BS30Z-../DPE08XA4	60	10000	-
0.55	4.7	720	0.81	306.6	BS30Z-../DPE08XA4	60	10000	-
0.55	11.5	305	3.2	126.0	BS40-../DPE08XA4	70	14900	-
0.55	9.7	350	2.8	148.1	BS40-../DPE08XA4	70	15000	-
0.55	8.1	420	1.95	178.2	BS40-../DPE08XA4	70	15000	-
0.55	6.6	500	1.6	219.7	BS40-../DPE08XA4	70	15000	-
0.55	5.8	570	1.6	249.6	BS40Z-../DPE08XA4	74	15000	-
0.55	5.0	770	0.93	287.7	BS40Z-../DPE08XA4	74	15000	-
0.55	4.8	680	1.55	302.1	BS40Z-../DPE08XA4	74	15000	-
0.55	4.1	800	1.35	356.8	BS40Z-../DPE08XA4	74	15000	-
0.55	3.3	1000	0.99	446.8	BS40Z-../DPE08XA4	74	15000	-
0.55	2.8	1180	0.93	520.8	BS40Z-../DPE08XA4	74	15000	-

0.75 kW



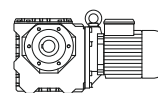
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.75	310	20	2.0	4.60	BS03-../DPE08XB4	13	1070	-
0.75	240	26	1.7	6.00	BS03-../DPE08XB4	13	1170	-
0.75	179	34	1.4	8.00	BS03-../DPE08XB4	13	1320	-
0.75	143	42	1.25	10.00	BS03-../DPE08XB4	13	1450	-
0.75	106	52	1.05	13.50	BS03-../DPE08XB4	13	1600	-

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

BS-series worm-geared motors

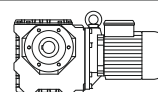
Selection - worm-geared motors DPE - IE3

0.75 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
0.75	215	26.5	2.1	6.67	BS06-../DPE08XB4	19	1550	-
0.75	160	36	1.7	8.93	BS06-../DPE08XB4	19	1710	-
0.75	133	43.5	1.5	10.73	BS06-../DPE08XB4	19	1850	-
0.75	102	56	1.2	14.07	BS06-../DPE08XB4	19	2200	-
0.75	87	65	1.1	16.56	BS06-../DPE08XB4	19	2400	-
0.75	72	79	0.95	19.82	BS06-../DPE08XB4	19	2500	-
0.75	55	95	0.81	26.21	BS06-../DPE08XB4	19	3000	-
0.75	115	49.5	2.2	12.49	BS10-../DPE08XB4	30	2400	-
0.75	85	67	1.8	16.92	BS10-../DPE08XB4	30	2700	-
0.75	66	86	1.45	21.61	BS10-../DPE08XB4	30	3000	-
0.75	64	77	1.5	22.60	BS10-../DPE08XB4	30	3200	-
0.75	54	103	1.25	26.42	BS10-../DPE08XB4	30	3250	-
0.75	47	105	1.25	30.63	BS10-../DPE08XB4	30	3550	-
0.75	42.5	128	1.05	33.55	BS10-../DPE08XB4	30	3550	-
0.75	36	149	0.94	39.96	BS10-../DPE08XB4	30	3800	-
0.75	30	179	0.81	47.59	BS10-../DPE08XB4	30	4050	-
0.75	85	68	3.2	16.92	BS20-../DPE08XB4	40	3700	-
0.75	65	89	2.6	22.23	BS20-../DPE08XB4	40	4100	-
0.75	62	83	2.7	23.13	BS20-../DPE08XB4	40	4300	-
0.75	52	107	2.3	27.86	BS20-../DPE08XB4	40	4450	-
0.75	47	109	2.3	30.63	BS20-../DPE08XB4	40	4750	-
0.75	43.5	126	2.1	32.87	BS20-../DPE08XB4	40	4750	-
0.75	35.5	145	1.8	40.25	BS20-../DPE08XB4	40	5300	-
0.75	34	160	1.7	42.08	BS20-../DPE08XB4	40	5200	-
0.75	29.5	182	1.5	48.98	BS20-../DPE08XB4	40	5500	-
0.75	28.5	168	1.6	50.44	BS20-../DPE08XB4	40	5700	-
0.75	24.5	215	1.3	58.74	BS20-../DPE08XB4	40	5900	-
0.75	20.5	260	1.15	70.30	BS20-../DPE08XB4	40	6300	-
0.75	19	245	1.1	76.18	BS20-../DPE08XB4	40	6600	-
0.75	16.5	285	0.95	88.67	BS20-../DPE08XB4	40	7000	-
0.75	42.5	138	3.0	33.55	BS30-../DPE08XB4	58	5200	-
0.75	38	141	3.0	37.92	BS30-../DPE08XB4	58	5500	-
0.75	36.5	158	2.7	39.31	BS30-../DPE08XB4	58	5500	-
0.75	28.5	193	2.3	50.04	BS30-../DPE08XB4	58	5900	-
0.75	24.5	225	2.0	58.64	BS30-../DPE08XB4	58	6900	-
0.75	20.5	240	2.0	71.17	BS30-../DPE08XB4	58	7000	-
0.75	17.5	315	1.3	83.48	BS30-../DPE08XB4	58	6800	-
0.75	16	305	1.6	90.59	BS30-../DPE08XB4	58	7700	-
0.75	13.5	360	1.4	106.2	BS30-../DPE08XB4	58	8200	-
0.75	11.5	420	1.25	125.2	BS30-../DPE08XB4	58	8700	-
0.75	9.5	500	1.1	151.1	BS30-../DPE08XB4	58	9500	-
0.75	7.7	610	0.89	186.7	BS30-../DPE08XB4	58	10000	-
0.75	20.5	265	2.8	69.60	BS40-../DPE08XB4	71	11800	-
0.75	17	290	3.1	86.33	BS40-../DPE08XB4	71	12900	-
0.75	13.5	355	2.7	108.1	BS40-../DPE08XB4	71	14000	-
0.75	11.5	415	2.4	126.0	BS40-../DPE08XB4	71	14900	-
0.75	9.7	475	2.0	148.1	BS40-../DPE08XB4	71	15000	-
0.75	8.0	580	1.4	178.2	BS40-../DPE08XB4	71	15000	-
0.75	6.5	690	1.15	219.7	BS40-../DPE08XB4	71	15000	-
0.75	5.8	770	1.15	249.6	BS40Z-../DPE08XB4	74	15000	-
0.75	4.8	940	1.15	302.1	BS40Z-../DPE08XB4	74	15000	-
0.75	4.0	1120	0.96	356.8	BS40Z-../DPE08XB4	74	15000	-

1.1 kW



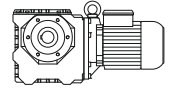
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
1.1	116	72	1.5	12.49	BS10-../DPE09XA4	40	2400	-
1.1	86	97	1.25	16.92	BS10-../DPE09XA4	40	2700	-
1.1	67	125	1.0	21.61	BS10-../DPE09XA4	40	3000	-
1.1	64	113	1.05	22.60	BS10-../DPE09XA4	40	3200	-

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

BS-series worm-geared motors

Selection - worm-geared motors DPE - IE3

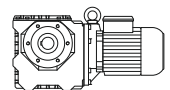
1.1 kW



P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[-]	[:1]		[kg]	[N]	[N]
1.1	55	148	0.88	26.42	BS10-../DPE09XA4	40	3250	-
1.1	47.5	152	0.86	30.63	BS10-../DPE09XA4	40	3550	-
1.1	113	75	2.7	12.77	BS20-../DPE09XA4	50	3350	-
1.1	86	98	2.2	16.92	BS20-../DPE09XA4	50	3700	-
1.1	65	130	1.75	22.23	BS20-../DPE09XA4	50	4100	-
1.1	63	120	1.9	23.13	BS20-../DPE09XA4	50	4300	-
1.1	52	157	1.6	27.86	BS20-../DPE09XA4	50	4450	-
1.1	47.5	159	1.55	30.63	BS20-../DPE09XA4	50	4750	-
1.1	44	183	1.5	32.87	BS20-../DPE09XA4	50	4750	-
1.1	36	210	1.25	40.25	BS20-../DPE09XA4	50	5300	-
1.1	34.5	230	1.15	42.08	BS20-../DPE09XA4	50	5200	-
1.1	29	240	1.15	50.44	BS20-../DPE09XA4	50	5700	-
1.1	25	315	0.89	58.74	BS20-../DPE09XA4	50	5900	-
1.1	69	126	3.0	20.94	BS30-../DPE09XA4	68	4300	-
1.1	60	131	2.8	24.06	BS30-../DPE09XA4	68	4600	-
1.1	54	161	2.5	27.07	BS30-../DPE09XA4	68	4750	-
1.1	47.5	165	2.4	30.63	BS30-../DPE09XA4	68	5000	-
1.1	43	200	2.1	33.55	BS30-../DPE09XA4	68	5200	-
1.1	38	205	2.0	37.92	BS30-../DPE09XA4	68	5500	-
1.1	37	225	1.9	39.31	BS30-../DPE09XA4	68	5500	-
1.1	29	275	1.65	50.04	BS30-../DPE09XA4	68	5900	-
1.1	25	320	1.45	58.64	BS30-../DPE09XA4	68	6900	-
1.1	20.5	355	1.35	71.17	BS30-../DPE09XA4	68	7000	-
1.1	17.5	460	0.89	83.48	BS30-../DPE09XA4	68	6800	-
1.1	16	450	1.1	90.59	BS30-../DPE09XA4	68	7700	-
1.1	14	510	1.0	106.2	BS30-../DPE09XA4	68	8200	-
1.1	12	590	0.88	125.2	BS30-../DPE09XA4	68	8700	-
1.1	30.5	265	3.1	47.69	BS40-../DPE09XA4	81	9600	-
1.1	24	310	2.8	60.38	BS40-../DPE09XA4	81	11200	-
1.1	21	385	1.95	69.60	BS40-../DPE09XA4	81	11800	-
1.1	20	365	2.4	73.09	BS40-../DPE09XA4	81	12100	-
1.1	17	425	2.1	86.33	BS40-../DPE09XA4	81	12900	-
1.1	13.5	520	1.85	108.1	BS40-../DPE09XA4	81	14000	-
1.1	11.5	610	1.6	126.0	BS40-../DPE09XA4	81	14900	-
1.1	9.8	690	1.4	148.1	BS40-../DPE09XA4	81	15000	-
1.1	8.1	840	0.98	178.2	BS40-../DPE09XA4	81	15000	-

9

1.5 kW



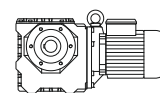
P _N	n ₂	50 Hz	f _B	i	Type	m		
[kW]	[1/min]	M ₂ [Nm]	[-]	[:1]		[kg]	[N]	[N]
1.5	115	99	1.1	12.49	BS10-../DPE09XB4	40	2400	-
1.5	85	134	0.9	16.92	BS10-../DPE09XB4	40	2700	-
1.5	113	102	1.95	12.77	BS20-../DPE09XB4	50	3350	-
1.5	85	136	1.6	16.92	BS20-../DPE09XB4	50	3700	-
1.5	65	178	1.3	22.23	BS20-../DPE09XB4	50	4100	-
1.5	63	163	1.4	23.13	BS20-../DPE09XB4	50	4300	-
1.5	52	210	1.2	27.86	BS20-../DPE09XB4	50	4450	-
1.5	47	215	1.15	30.63	BS20-../DPE09XB4	50	4750	-
1.5	44	250	1.1	32.87	BS20-../DPE09XB4	50	4750	-
1.5	36	285	0.91	40.25	BS20-../DPE09XB4	50	5300	-
1.5	34.5	315	0.86	42.08	BS20-../DPE09XB4	50	5200	-
1.5	28.5	335	0.81	50.44	BS20-../DPE09XB4	50	5700	-
1.5	108	110	3.0	13.29	BS30-../DPE09XB4	68	3600	-
1.5	85	139	2.6	16.92	BS30-../DPE09XB4	68	3950	-
1.5	69	172	2.2	20.94	BS30-../DPE09XB4	68	4300	-
1.5	60	179	2.1	24.06	BS30-../DPE09XB4	68	4600	-
1.5	54	220	1.8	27.07	BS30-../DPE09XB4	68	4750	-
1.5	47	225	1.8	30.63	BS30-../DPE09XB4	68	5000	-
1.5	43	270	1.55	33.55	BS30-../DPE09XB4	68	5200	-

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

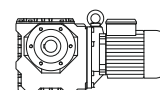
BS-series worm-geared motors

Selection - worm-geared motors DPE - IE3

1.5 kW								
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
1.5	38	280	1.5	37.92	BS30-../DPE09XB4	68	5500	-
1.5	37	310	1.4	39.31	BS30-../DPE09XB4	68	5500	-
1.5	29	380	1.2	50.04	BS30-../DPE09XB4	68	5900	-
1.5	24.5	450	1.0	58.64	BS30-../DPE09XB4	68	6900	-
1.5	20.5	485	0.99	71.17	BS30-../DPE09XB4	68	7000	-
1.5	16	610	0.8	90.59	BS30-../DPE09XB4	68	7700	-
1.5	47	225	3.3	30.63	BS40-../DPE09XB4	81	8700	-
1.5	43.5	260	3.0	33.35	BS40-../DPE09XB4	81	8300	-
1.5	38	275	2.8	38.13	BS40-../DPE09XB4	81	9400	-
1.5	36	310	2.6	40.37	BS40-../DPE09XB4	81	9000	-
1.5	30.5	365	2.3	47.69	BS40-../DPE09XB4	81	9600	-
1.5	24	420	2.0	60.38	BS40-../DPE09XB4	81	11200	-
1.5	21	520	1.45	69.60	BS40-../DPE09XB4	81	11800	-
1.5	20	500	1.75	73.09	BS40-../DPE09XB4	81	12100	-
1.5	17	580	1.55	86.33	BS40-../DPE09XB4	81	12900	-
1.5	13.5	710	1.35	108.1	BS40-../DPE09XB4	81	14000	-
1.5	11.5	830	1.2	126.0	BS40-../DPE09XB4	81	14900	-
1.5	9.7	950	1.0	148.1	BS40-../DPE09XB4	81	15000	-



2.2 kW								
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
2.2	114	149	1.35	12.77	BS20-../DPE09XB4C	50	3350	-
2.2	86	197	1.1	16.92	BS20-../DPE09XB4C	50	3700	-
2.2	66	255	0.9	22.23	BS20-../DPE09XB4C	50	4100	-
2.2	63	240	0.95	23.13	BS20-../DPE09XB4C	50	4300	-
2.2	53	305	0.82	27.86	BS20-../DPE09XB4C	50	4450	-
2.2	110	158	2.1	13.29	BS30-../DPE09XB4C	68	3600	-
2.2	86	200	1.8	16.92	BS30-../DPE09XB4C	68	3950	-
2.2	70	245	1.55	20.94	BS30-../DPE09XB4C	68	4300	-
2.2	61	255	1.45	24.06	BS30-../DPE09XB4C	68	4600	-
2.2	54	320	1.25	27.07	BS30-../DPE09XB4C	68	4750	-
2.2	47.5	330	1.2	30.63	BS30-../DPE09XB4C	68	5000	-
2.2	43.5	395	1.05	33.55	BS30-../DPE09XB4C	68	5200	-
2.2	38.5	405	1.05	37.92	BS30-../DPE09XB4C	68	5500	-
2.2	37	455	0.95	39.31	BS30-../DPE09XB4C	68	5500	-
2.2	29	550	0.82	50.04	BS30-../DPE09XB4C	68	5900	-
2.2	86	205	3.3	16.92	BS40-../DPE09XB4C	81	6400	-
2.2	69	245	2.9	21.06	BS40-../DPE09XB4C	81	6900	-
2.2	62	250	2.7	23.59	BS40-../DPE09XB4C	81	7900	-
2.2	56	305	2.4	26.18	BS40-../DPE09XB4C	81	7500	-
2.2	47.5	325	2.3	30.63	BS40-../DPE09XB4C	81	8700	-
2.2	43.5	385	2.0	33.35	BS40-../DPE09XB4C	81	8300	-
2.2	38.5	395	1.95	38.13	BS40-../DPE09XB4C	81	9400	-
2.2	36	460	1.75	40.37	BS40-../DPE09XB4C	81	9000	-
2.2	30.5	530	1.55	47.69	BS40-../DPE09XB4C	81	9600	-
2.2	24.5	600	1.45	60.38	BS40-../DPE09XB4C	81	11200	-
2.2	21	770	0.97	69.60	BS40-../DPE09XB4C	81	11800	-
2.2	20	730	1.2	73.09	BS40-../DPE09XB4C	81	12100	-
2.2	17	850	1.05	86.33	BS40-../DPE09XB4C	81	12900	-
2.2	13.5	1040	0.91	108.1	BS40-../DPE09XB4C	81	14000	-
2.2	12	1170	0.84	126.0	BS40-../DPE09XB4C	81	14900	-

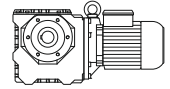


The torques marked (*) are maximum permissible torques for service factor f_B=1.0.

BS-series worm-geared motors

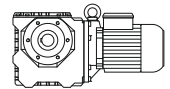
Selection - worm-geared motors DPE - IE3

3 kW



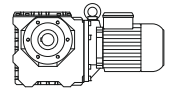
P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
3	110	215	1.55	13.29	BS30-../DPE11LA4	89	3600	-
3	86	275	1.3	16.92	BS30-../DPE11LA4	89	3950	-
3	70	335	1.15	20.94	BS30-../DPE11LA4	89	4300	-
3	61	350	1.05	24.06	BS30-../DPE11LA4	89	4600	-
3	54	440	0.91	27.07	BS30-../DPE11LA4	89	4750	-
3	48	445	0.9	30.63	BS30-../DPE11LA4	89	5000	-
3	112	215	2.9	13.03	BS40-../DPE11LA4	107	5800	-
3	86	280	2.4	16.92	BS40-../DPE11LA4	107	6400	-
3	70	335	2.1	21.06	BS40-../DPE11LA4	107	6900	-
3	62	340	2.0	23.59	BS40-../DPE11LA4	107	7900	-
3	56	415	1.8	26.18	BS40-../DPE11LA4	107	7500	-
3	48	440	1.7	30.63	BS40-../DPE11LA4	107	8700	-
3	44	520	1.5	33.35	BS40-../DPE11LA4	107	8300	-
3	38.5	540	1.45	38.13	BS40-../DPE11LA4	107	9400	-
3	36.5	620	1.3	40.37	BS40-../DPE11LA4	107	9000	-
3	31	720	1.15	47.69	BS40-../DPE11LA4	107	9600	-
3	24.5	830	1.05	60.38	BS40-../DPE11LA4	107	11200	-
3	20	1000	0.88	73.09	BS40-../DPE11LA4	107	12100	-

4 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
4	110	285	1.15	13.29	BS30-../DPE11LB4	89	3600	-
4	86	365	0.99	16.92	BS30-../DPE11LB4	89	3950	-
4	70	450	0.84	20.94	BS30-../DPE11LB4	89	4300	-
4	112	285	2.2	13.03	BS40-../DPE11LB4	107	5800	-
4	86	375	1.8	16.92	BS40-../DPE11LB4	107	6400	-
4	69	450	1.6	21.06	BS40-../DPE11LB4	107	6900	-
4	62	455	1.5	23.59	BS40-../DPE11LB4	107	7900	-
4	56	550	1.35	26.18	BS40-../DPE11LB4	107	7500	-
4	47.5	590	1.25	30.63	BS40-../DPE11LB4	107	8700	-
4	43.5	700	1.1	33.35	BS40-../DPE11LB4	107	8300	-
4	38.5	720	1.1	38.13	BS40-../DPE11LB4	107	9400	-
4	36	830	0.96	40.37	BS40-../DPE11LB4	107	9000	-
4	30.5	970	0.86	47.69	BS40-../DPE11LB4	107	9600	-

5.5 kW



P _N	50 Hz			i	Type	m		
[kW]	n ₂ [1/min]	M ₂ [Nm]	f _B [—]	[:1]		[kg]	[N]	[N]
5.5	111	390	0.85	13.29	BS30-../DPE11LB4C	93	3600	-
5.5	113	395	1.55	13.03	BS40-../DPE11LB4C	111	5800	-
5.5	87	510	1.3	16.92	BS40-../DPE11LB4C	111	6400	-
5.5	70	610	1.15	21.06	BS40-../DPE11LB4C	111	6900	-
5.5	63	610	1.15	23.59	BS40-../DPE11LB4C	111	7900	-
5.5	56	760	0.97	26.18	BS40-../DPE11LB4C	111	7500	-
5.5	48	800	0.94	30.63	BS40-../DPE11LB4C	111	8700	-
5.5	44	950	0.82	33.35	BS40-../DPE11LB4C	111	8300	-

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

Energy Efficient Geared Motors

AC Line Operated
