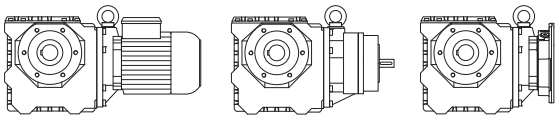
9



Seite

Schnecken-Getriebemotoren Reihe BS

Beschreibung der Schneckengetriebe

Baugrößen

Bauer-Schnecken-Getriebemotoren der Reihe BS werden listenmäßig in 8 Baugrößen und mit Drehmomenten von 25 Nm bis 1.000 Nm geliefert. Höhere Drehmomente auf Anfrage. Die Getriebe haben ein kräftiges Guss-Gehäuse.

Wirkungsgrad

Der Wirkungsgrad von Schneckengetriebemotoren hängt von zahlreichen Einflüssen ab, unter anderem von der Schmierung, vom Einlaufzustand, der Temperatur und eventuellen Vibrationen. Der rechnerische Wirkungsgrad kann daher nur als Richtwert dienen. Wenn der Wirkungsgrad oder die Selbsthemmung funktionsbedingt wichtig sind, empfiehlt sich eine Rückfrage unter Angabe der Randbedingungen.

Bauer-Betriebsfaktoren (f_B) für Schnecken-Getriebemotoren

Bei Schnecken-Getrieben wird das Drehmoment ausschließlich durch Gleitreibung übertragen, so dass im Verhältnis zu Stirnradgetrieben physikalisch bedingt höhere Verluste und Erwärmung auftreten.

Für die Gesamtbeanspruchung eines Schnecken-Getriebes sind zahlreiche Einflussgrößen maßgebend; zu den wichtigsten gehören:

- mittleres Drehmoment (Bemessungsdrehmoment)
- tägliche Betriebszeit
- Stärke von Drehmomentstößen (Stoßgrad)
- Häufigkeit von Drehmomentstößen (Schaltbetrieb)
- Umgebungstemperatur

Diese Einflüsse können vereinfachend und praxisnah durch **Betriebsfaktoren** beschrieben werden. In den nachfolgenden Tabellen und Erläuterungen wird versucht, statt einer Klassifizierung von Arbeitsmaschinen eine objektive Beschreibung des **Stoßgrades** zu geben. Erfahrungsgemäß spielen dabei neben den von der Arbeitsmaschine verursachten Drehmomentstößen (M_x/M_N) vor allem die Übertragungsmittel (Kupplungen, Ketten usw.) sowie die Massenverhältnisse eine entscheidende Rolle.

Weitere Informationen siehe Bauer-Sonderdruck SD32.. .

Durchlaufbetrieb ohne Schalthäufigkeit Z ≤ 1/h

Faktor f_1 für Stoßgrad und Betriebszeit

	Betriebszeit pro Tag 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

Schaltbetrieb

Faktor f_2 für Stoßgrad und Schalthäufigkeit

Schalthäufigkeit im Einschicht-Betrieb $t_d \leq 8$ h/d

Stoßgrad	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	1,25	1,4	1,6
II	1,6	1,8	2,0
III	1,8	2,0	2,2

Schalthäufigkeit im Mehrschicht-Betrieb $t_d > 8$ h/d

Stoßgrad	1 <Z ≤100	100 <Z ≤1000	1000 <Z
I	1,4	1,6	1,8
II	1,8	2,0	2,2
III	2,0	2,2	2,5

Umgebungstemperatur

Faktor f_3 für erhöhte Umgebungstemperatur

UT	-10°C .. +25°C	>25°C	>30°C	>35°C	>40°C	>45°C	>50°C	>55°C
	kein Faktor	1,1	1,2	1,3	1,4	1,5	1,6	Anfrage

Bauer-Betriebsfaktor

Bauer-Betriebsfaktor f_B = Maximalwert f_1, f_2, f_3 (bei täglichen Betriebszeiten > 1h)

Beispiel: Stoßgrad II bei Z = 100 Schaltungen pro Stunde und Mehrschichtbetrieb ergibt den Betriebsfaktor $f_B = f_2 = 1,8$

Erklärung der Stoßgrade

Stoßgrad I:
Gleichförmig ohne Stöße. Alle folgenden Bedingungen müssen erfüllt werden:
- FI ≤ 1,3
- $M_x/M_N \leq 1,0$
- Übertragungsmittel stoßdämpfend (z.B. hochelastische, spielfreie Kupplung, φN ≥5°)

Stoßgrad II:
Mäßige Stöße. Mindestens eine der folgenden Bedingungen trifft zu:
- 1,3 < FI ≤ 2
- $1 \leq M_x/M_N \leq 1,4$
- Übertragungsmittel stoßneutral (z.B. Zahnräder, spielfreie starre Kupplung oder elastische Kupplung mit φN < 5 °)

Stoßgrad III:
Heftige Stöße. Mindestens eine der folgenden Bedingungen trifft zu:
- FI >2
- $1,4 < M_x/M_N \leq 2,0$
- Übertragungmittel stoßverstärkend (z.B. spielbehaftete Kupplung oder Kettenantrieb)

Schnecken-Getriebemotoren Reihe BS

Beschreibung der Schneckengetriebe

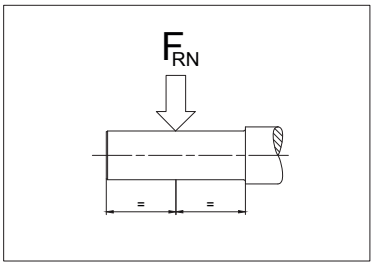
Erklärung der Kurzzeichen

Z	Schaltbetrieb: Schaltungen pro Stunde
t_d	Tägliche Betriebszeit in Stunden (h/d)
FI	Trägheitsfaktor FI = $(J_{ext} + J_{rot})/J_{rot}$
J_{ext}	Massenträgheitsmoment der anzutreibenden Maschine, bezogen auf die Läuferwelle des Motors (kgm^2)
J_{rot}	Massenträgheitsmoment des Motorläufers (kgm^2)
M_x	Höchstes Stoßmoment, das betriebsbedingt oder im Störungsfall über das statische Lastmoment hinaus eintreten kann
M_N	Erforderliches statisches Lastmoment für die Anwendung
M_x/M_N	Relatives Stoßmoment - Faktor φ_N Verdrehwinkel der elastischen Kupplung bei Bemessungsmoment
UT	Umgebungstemperatur (°C)

Auswahltabellen der Schnecken-Getriebemotoren

Erläuterungen zu den Abkürzungen

P	Bemessungsleistung
n_2	Bemessungsdrehzahl der Arbeitswelle
i	Getriebe-Untersetzung
M_2	Bemessungsmoment an der Arbeitswelle
f_B	Bauer-Betriebsfaktor
F_{RN}	Maximal zulässige Radialkraft bei Standard-Zapfenwelle (Code -.1 und -.2)

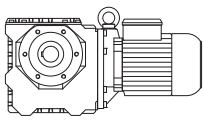


Mit den Auswahltabellen kann die Größe des Getriebemotors festgelegt werden. Die Ausführung des Getriebes und der Arbeitswelle kann mittels Codezahlen eindeutig definiert werden (siehe Kapitel 13 „Maßbilder Schnecken-Getriebemotoren“).

Die mit (*) gekennzeichneten Drehmomente sind maximal zulässige Werte bei Betriebsfaktor $f_B = 1,0$.

Motorleistung-Überlastungsschutz
Die Nennleistung der Motoren, vor allem in Verbindung mit den vier- und mehrstufigen Getrieben, sind z. T. reichlich bemessen. Der Bemessungsstrom stellt aus diesem Grunde wie auch bei kleinen Motorleistungen keinen Maßstab für die Getriebeauslastung dar und kann nicht als Überlastungsschutz für das Getriebe genutzt werden. Bei Gefahr von zu hoher Belastung oder Blockierung ist es sinnvoll, das Getriebe durch mechanische Einrichtung (z. B. Rutschkupplung, Rutschnabe, Scherstift o. ä.) zu schützen.

P = 0.03 kW

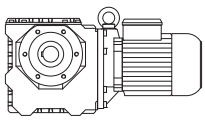


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
75	**2.8**	**8.9**	18.00	**BS02-../D04LA4**	3.5	1250	-	90	2.35	11
62	**3.2**	**7.8**	22.00	"	"	1250	-	74	2.7	9.3
50	**3.6**	**6.9**	27.00	"	"	1250	-	60	3.0	8.3
41	**4.15**	**6.0**	33.00	"	"	1250	-	49.5	3.45	7.2
31.5	**5.6**	**4.3**	43.00	"	"	1250	-	38	4.65	5.2
25	**6.5**	**3.4**	54.00	"	"	1250	-	30	5.4	4.1
19.5	**7.4**	**2.7**	70.00	"	"	1250	-	23.5	6.2	3.2
14.5	**11.6**	**3.3**	93.92	**BS04-../D04LA4**	3.9	2250	-	17.5	9.6	4.0
13.5	**13.5**	**2.8**	102.9	"	"	2250	-	16	11.4	3.3
12	**13.6**	**2.8**	117.0	"	"	2250	-	14	11.6	3.3
11	**16.4**	**2.5**	123.0	"	"	2250	-	13.5	13.3	3.1
9.8	**18.1**	**2.3**	138.4	"	"	2250	-	12	14.8	2.8
9.0	**17.5**	**2.2**	150.3	"	"	2250	-	11	14.3	2.7
8.5	**20.5**	**1.8**	160.1	"	"	2250	-	10.5	16.6	2.2
7.8	**19.8**	**2.0**	174.0	"	"	2250	-	9.4	16.4	2.4
6.2	**24**	**1.65**	220.0	"	"	2250	-	7.4	20.5	1.95
5.4	**27.5**	**1.5**	251.6	"	"	2250	-	6.5	22.5	1.8
4.5	**32**	**1.35**	300.7	"	"	2250	-	5.4	27	1.6
4.0	**35.5**	**1.25**	338.3	"	"	2250	-	4.8	29.5	1.5
3.5	**40**	**1.15**	391.3	"	"	2250	-	4.2	33	1.35
5.4	**30.5**	**3.2**	252.0	**BS06-../D04LA4**	8.4	3500	-	6.5	25.5	3.9
4.3	**37.5**	**2.8**	315.3	"	"	3500	-	5.2	31	3.4
3.8	**42**	**2.6**	358.9	"	"	3500	-	4.6	34.5	3.2
3.3	**47.5**	**2.3**	418.0	"	"	3500	-	3.9	40	2.8
2.9	**70**	**1.35**	474.8	**BS06G04-../D04LA4**	11	3500	-	3.5	58	1.6
2.5	**79**	**1.25**	552.6	"	"	3500	-	3.0	65	1.55
2.3	**88**	**1.05**	610.7	"	"	3500	-	2.7	75	1.25
2.0	**101**	**0.93**	704.7	"	"	3500	-	2.3	88	1.05
1.6	**94***	**1.0**	847.0	"	"	3500	-	2.0	94	1.0
1.5	**94***	**1.0**	939.6	"	"	3500	-	1.8	94	1.0
1.2	**94***	**1.0**	1170	"	"	3500	-	1.4	94	1.0
0.9	**94***	**1.0**	1503	"	"	3500	-	1.1	94	1.0
0.85	**94***	**1.0**	1654	"	"	3500	-	1.0	94	1.0
0.75	**94***	**1.0**	1914	"	"	3500	-	0.85	94	1.0
0.65	**94***	**1.0**	2200	"	"	3500	-	0.75	94	1.0
0.49	**94***	**1.0**	2768	"	"	3500	-	0.6	94	1.0
0.45	**94***	**1.0**	3007	"	"	3500	-	0.55	94	1.0
0.41	**94***	**1.0**	3308	"	"	3500	-	0.49	94	1.0
0.37	**94***	**1.0**	3721	"	"	3500	-	0.44	94	1.0
0.32	**94***	**1.0**	4304	"	"	3500	-	0.38	94	1.0
0.28	**98***	**1.0**	4947	"	"	3500	-	0.33	98	1.0
0.25	**98***	**1.0**	5442	"	"	3500	-	0.3	98	1.0
0.22	**100***	**1.0**	6234	"	"	3500	-	0.26	100	1.0
2.5	**67**	**2.8**	544.8	**BS10Z-../D04LA4**	21	6000	-	3.0	56	3.4
2.2	**72**	**2.6**	638.7	"	"	6000	-	2.6	61	3.1
1.8	**85**	**2.1**	788.7	"	"	6000	-	2.1	73	2.5
1.5	**101**	**1.55**	905.6	"	"	6000	-	1.8	84	1.9
1.4	**130**	**1.25**	969.9	**BS10G06-../D04LA4**	25	6000	-	1.7	107	1.5
1.2	**152**	**1.05**	1166	"	"	6000	-	1.4	130	1.25
1.1	**166**	**0.96**	1342	"	"	6000	-	1.3	141	1.15
0.9	**160***	**1.0**	1528	"	"	6000	-	1.1	160	1.0
0.85	**160***	**1.0**	1668	"	"	6000	-	1.0	160	1.0
0.7	**160***	**1.0**	1963	"	"	6000	-	0.85	160	1.0
0.6	**160***	**1.0**	2348	"	"	6000	-	0.7	160	1.0
0.55	**160***	**1.0**	2635	"	"	6000	-	0.65	160	1.0
0.47	**160***	**1.0**	2875	"	"	6000	-	0.6	160	1.0
0.41	**160***	**1.0**	3332	"	"	6000	-	0.49	160	1.0
0.38	**160***	**1.0**	3635	"	"	6000	-	0.45	160	1.0
0.33	**160***	**1.0**	4163	"	"	6000	-	0.39	160	1.0
0.29	**160***	**1.0**	4776	"	"	6000	-	0.34	160	1.0
0.26	**160***	**1.0**	5209	"	"	6000	-	0.32	160	1.0
0.23	**164***	**1.0**	6019	"	"	6000	-	0.27	164	1.0
0.21	**164***	**1.0**	6565	"	"	6000	-	0.25	164	1.0

Schnecken-Getriebemotoren Reihe BS

Auswahl - Schneckengetriebemotoren DSE - IE1

P = 0.03 kW

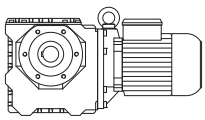


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
0.19	**164***	**1.0**	7471	**BS10G06-../D04LA4**	"	6000	-	0.22	164	1.0
0.16	**164***	**1.0**	8703	"	"	6000	-	0.19	164	1.0
1.7	**111**	**2.4**	831.7	**BS20G06-../D04LA4**	35	8000	-	2.0	94	2.9
1.4	**135**	**2.0**	1000	"	"	8000	-	1.7	111	2.4
1.1	**171**	**1.6**	1311	"	"	8000	-	1.3	145	1.85
0.9	**210**	**1.3**	1543	"	"	8000	-	1.1	171	1.6
0.85	**220**	**1.25**	1683	"	"	8000	-	1.0	189	1.45
0.7	**270***	**1.0**	2014	"	"	8000	-	0.85	270	1.0
0.55	**270***	**1.0**	2465	"	"	8000	-	0.7	270	1.0
0.48	**270***	**1.0**	2857	"	"	8000	-	0.6	270	1.0
0.44	**270***	**1.0**	3117	"	"	8000	-	0.55	270	1.0
0.38	**270***	**1.0**	3570	"	"	8000	-	0.46	270	1.0
0.33	**270***	**1.0**	4096	"	"	8000	-	0.4	270	1.0
0.28	**270***	**1.0**	4910	"	"	8000	-	0.33	270	1.0
0.23	**270***	**1.0**	5880	"	"	8000	-	0.28	270	1.0
0.19	**275***	**1.0**	7363	"	"	8000	-	0.23	275	1.0
0.17	**275***	**1.0**	8031	"	"	8000	-	0.21	275	1.0
0.15	**280***	**1.0**	9220	"	"	8000	-	0.18	280	1.0
1.2	**164**	**3.0**	1176	**BS30G06-../D04LA4**	53	10000	-	1.4	141	3.5
0.95	**205**	**2.4**	1461	"	"	10000	-	1.2	164	3.0
0.9	**215**	**2.3**	1576	"	"	10000	-	1.1	179	2.7
0.75	**260**	**1.9**	1886	"	"	10000	-	0.9	215	2.3
0.6	**325**	**1.5**	2308	"	"	10000	-	0.75	260	1.9
0.55	**355**	**1.4**	2518	"	"	10000	-	0.65	300	1.65
0.47	**420**	**1.15**	2919	"	"	10000	-	0.6	325	1.5
0.41	**480**	**1.0**	3344	"	"	10000	-	0.49	400	1.25
0.38	**490***	**1.0**	3647	"	"	10000	-	0.45	490	1.0
0.33	**490***	**1.0**	4184	"	"	10000	-	0.39	490	1.0
0.28	**510***	**1.0**	4905	"	"	10000	-	0.34	510	1.0
0.24	**520***	**1.0**	5783	"	"	10000	-	0.29	520	1.0
0.22	**520***	**1.0**	6308	"	"	10000	-	0.26	520	1.0
0.19	**520***	**1.0**	7179	"	"	10000	-	0.23	520	1.0
0.17	**520***	**1.0**	8362	"	"	10000	-	0.2	520	1.0

P = 0.04 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
127	**2.45**	**10**	10.67	**BS02-../D04LA4**	3.5	1250	-	152	2.05	12
100	**2.95**	**8.5**	13.50	"	"	1250	-	120	2.45	10
75	**3.75**	**6.7**	18.00	"	"	1250	-	90	3.1	8.1
62	**4.3**	**5.8**	22.00	"	"	1250	-	74	3.6	6.9
50	**4.8**	**5.2**	27.00	"	"	1250	-	60	4.0	6.3
41	**5.5**	**4.5**	33.00	"	"	1250	-	49.5	4.6	5.4
31.5	**7.5**	**3.2**	43.00	"	"	1250	-	38	6.2	3.9
25	**8.7**	**2.5**	54.00	"	"	1250	-	30	7.2	3.1
19.5	**9.9**	**2.0**	70.00	"	"	1250	-	23.5	8.2	2.4
21.5	**11.1**	**3.2**	64.06	**BS04-../D04LA4**	3.9	2250	-	25.5	9.4	3.8
19	**13.2**	**2.9**	71.18	"	"	2250	-	23	10.9	3.5
18	**12.9**	**2.9**	77.00	"	"	2250	-	21.5	10.8	3.5
14.5	**15.5**	**2.5**	93.92	"	"	2250	-	17.5	12.8	3.0
13.5	**18.1**	**2.1**	102.9	"	"	2250	-	16	15.2	2.5
12	**18.1**	**2.1**	117.0	"	"	2250	-	14	15.5	2.5
11	**21.5**	**1.9**	123.0	"	"	2250	-	13.5	17.8	2.3
9.8	**24**	**1.75**	138.4	"	"	2250	-	12	19.7	2.1
9.0	**23**	**1.7**	150.3	"	"	2250	-	11	19.1	2.0
8.5	**27**	**1.35**	160.1	"	"	2250	-	10.5	22	1.7
7.8	**26**	**1.55**	174.0	"	"	2250	-	9.4	21.5	1.85
6.2	**32.5**	**1.25**	220.0	"	"	2250	-	7.4	27	1.5
5.4	**36.5**	**1.1**	251.6	"	"	2250	-	6.5	30.5	1.35
4.5	**43**	**1.0**	300.7	"	"	2250	-	5.4	36	1.2

P = 0.04 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
4.0	**47.5**	**0.93**	338.3	**BS04-../D04LA4**	"	2250	-	4.8	39.5	1.1
3.5	**53**	**0.85**	391.3	"	"	2250	-	4.2	44.5	1.0
7.9	**30.5**	**2.9**	171.0	**BS06-../D04LA4**	8.4	3500	-	9.5	25.5	3.5
6.2	**36**	**2.7**	220.0	"	"	3500	-	7.4	30	3.3
5.4	**41**	**2.4**	252.0	"	"	3500	-	6.5	34	2.9
4.3	**50**	**2.1**	315.3	"	"	3500	-	5.2	41.5	2.6
3.8	**56**	**1.95**	358.9	"	"	3500	-	4.6	46.5	2.4
3.3	**63**	**1.75**	418.0	"	"	3500	-	3.9	53	2.1
2.9	**93**	**1.0**	474.8	**BS06G04-../D04LA4**	11	3500	-	3.5	77	1.2
2.5	**105**	**0.95**	552.6	"	"	3500	-	3.0	87	1.15
2.3	**117**	**0.8**	610.7	"	"	3500	-	2.7	100	0.94
3.8	**62**	**3.1**	360.3	**BS10Z-../D04LA4**	21	6000	-	4.5	52	3.7
3.2	**72**	**2.6**	432.4	"	"	6000	-	3.8	61	3.1
2.5	**90**	**2.1**	544.8	"	"	6000	-	3.0	75	2.5
2.2	**97**	**1.95**	638.7	"	"	6000	-	2.6	82	2.3
1.8	**114**	**1.6**	788.7	"	"	6000	-	2.1	98	1.85
1.5	**134**	**1.2**	905.6	"	"	6000	-	1.8	112	1.4
1.4	**174**	**0.92**	969.9	**BS10G06-../D04LA4**	25	6000	-	1.7	143	1.1
1.2	**200**	**0.8**	1166	"	"	6000	-	1.4	174	0.92
1.8	**114**	**2.7**	763.4	**BS20Z-../D04LA4**	32	8000	-	2.2	93	3.3
1.7	**148**	**1.8**	831.7	**BS20G06-../D04LA4**	35	8000	-	2.0	126	2.1
1.4	**180**	**1.5**	1000	"	"	8000	-	1.7	148	1.8
1.1	**225**	**1.2**	1311	"	"	8000	-	1.3	193	1.4
1.4	**188**	**2.6**	1022	**BS30G06-../D04LA4**	53	10000	-	1.6	164	3.0
1.2	**215**	**2.3**	1176	"	"	10000	-	1.4	188	2.6
0.95	**275**	**1.8**	1461	"	"	10000	-	1.2	215	2.3
0.9	**290**	**1.7**	1576	"	"	10000	-	1.1	235	2.1
0.75	**350**	**1.4**	1886	"	"	10000	-	0.9	290	1.7
0.6	**435**	**1.15**	2308	"	"	10000	-	0.75	350	1.4
0.55	**475**	**1.05**	2518	"	"	10000	-	0.65	405	1.2

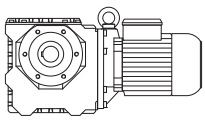
P = 0.06 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**1.7**	**8.8**	4.60	**BS02-../D04LA4**	3.5	1000	-	355	1.42	11
250	**2.0**	**10**	5.40	"	"	1000	-	300	1.68	12
200	**2.45**	**10**	6.75	"	"	1000	-	240	2.05	12
164	**2.9**	**8.6**	8.25	"	"	1100	-	197	2.4	10
127	**3.65**	**6.8**	10.67	"	"	1250	-	152	3.05	8.2
100	**4.45**	**5.6**	13.50	"	"	1250	-	120	3.7	6.8
75	**5.6**	**4.5**	18.00	"	"	1250	-	90	4.7	5.3
62	**6.4**	**3.9**	22.00	"	"	1250	-	74	5.4	4.6
50	**7.2**	**3.5**	27.00	"	"	1250	-	60	6.0	4.2
41	**8.3**	**3.0**	33.00	"	"	1250	-	49.5	6.9	3.6
31.5	**11.2**	**2.1**	43.00	"	"	1250	-	38	9.3	2.6
25	**13**	**1.7**	54.00	"	"	1250	-	30	10.8	2.0
19.5	**14.9**	**1.35**	70.00	"	"	1250	-	23.5	12.4	1.6
18	**16.2**	**2.5**	75.00	**BS03-../D05LA4**	5.4	1950	-	22	13.2	3.0
35.5	**11.1**	**3.3**	38.42	**BS04-../D04LA4**	3.9	2250	-	42.5	9.3	4.0
28.5	**13.6**	**2.8**	47.86	"	"	2250	-	34	11.4	3.3
21.5	**16.7**	**2.2**	64.06	"	"	2250	-	25.5	14.1	2.6
19	**19.9**	**1.9**	71.18	"	"	2250	-	23	16.4	2.3
18	**19.4**	**1.95**	77.00	"	"	2250	-	21.5	16.2	2.3
14.5	**23**	**1.65**	93.92	"	"	2250	-	17.5	19.3	1.95
13.5	**27**	**1.4**	102.9	"	"	2250	-	16	22.5	1.7
12	**27**	**1.4**	117.0	"	"	2250	-	14	23	1.65
11	**32.5**	**1.25**	123.0	"	"	2250	-	13.5	26.5	1.55

Schnecken-Getriebemotoren Reihe BS

Auswahl - Schneckengetriebemotoren DSE - IE1

P = 0.06 kW

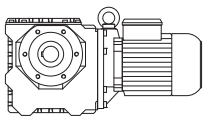


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
9.8	**36**	**1.15**	138.4	**BS04-../D04LA4**	"	2250	-	12	29.5	1.4
9.0	**35**	**1.1**	150.3	"	"	2250	-	11	28.5	1.35
8.5	**41**	**0.9**	160.1	"	"	2250	-	10.5	33	1.1
7.8	**39.5**	**1.0**	174.0	"	"	2250	-	9.4	32.5	1.25
6.2	**48.5**	**0.82**	220.0	"	"	2250	-	7.4	41	0.98
11.5	**32**	**2.9**	118.8	**BS06-../D04LA4**	8.4	3500	-	14	26.5	3.5
10.5	**36.5**	**2.8**	129.0	"	"	3500	-	13	29.5	3.5
9.2	**40**	**2.7**	146.8	"	"	3500	-	11.5	32	3.3
7.8	**44**	**2.2**	174.0	"	"	3500	-	9.4	36.5	2.7
6.2	**54**	**1.8**	220.0	"	"	3500	-	7.4	45.5	2.2
5.4	**61**	**1.6**	252.0	"	"	3500	-	6.5	51	1.95
4.3	**75**	**1.4**	315.3	"	"	3500	-	5.2	62	1.7
3.8	**84**	**1.3**	358.9	"	"	3500	-	4.6	69	1.6
3.3	**95**	**1.15**	418.0	"	"	3500	-	3.9	80	1.4
11.5	**36.5**	**3.3**	119.6	**BS10-../D06LA4**	23	6000	-	14	30	4.0
6.3	**58**	**3.1**	216.6	"	"	6000	-	7.5	48.5	3.7
5.4	**67**	**2.7**	254.0	**BS10Z-../D06LA4**	24	6000	-	6.4	57	3.2
4.5	**78**	**2.4**	302.5	"	"	6000	-	5.4	65	2.9
3.8	**93**	**2.0**	360.3	"	"	6000	-	4.5	78	2.4
3.2	**109**	**1.75**	432.4	"	"	6000	-	3.8	91	2.1
2.5	**135**	**1.4**	544.8	"	"	6000	-	3.0	112	1.7
2.2	**145**	**1.3**	638.7	"	"	6000	-	2.6	123	1.55
1.8	**171**	**1.05**	788.7	"	"	6000	-	2.1	147	1.2
3.2	**109**	**3.0**	430.8	**BS20Z-../D06LA4**	35	8000	-	3.8	91	3.6
2.6	**121**	**3.0**	539.7	"	"	8000	-	3.1	101	3.6
2.2	**140**	**2.4**	619.2	"	"	8000	-	2.7	114	2.9
1.8	**171**	**1.8**	763.4	"	"	8000	-	2.2	140	2.2
1.7	**220**	**1.25**	831.7	**BS20G06-../D06LA4**	38	8000	-	2.0	189	1.45
1.4	**270**	**1.0**	1000	"	"	8000	-	1.7	220	1.25
1.7	**195**	**2.4**	804.1	**BS30Z-../D06LA4**	54	10000	-	2.1	158	3.0
1.5	**215**	**2.1**	932.0	"	"	10000	-	1.8	181	2.5
1.4	**280**	**1.75**	1022	**BS30G06-../D06LA4**	56	10000	-	1.6	245	2.0
1.2	**325**	**1.5**	1176	"	"	10000	-	1.4	280	1.75
0.95	**415**	**1.2**	1461	"	"	10000	-	1.2	325	1.5
0.9	**435**	**1.15**	1576	"	"	10000	-	1.1	355	1.4
1.5	**225**	**3.3**	908.2	**BS40Z-../D06LA4**	68	15000	-	1.8	187	4.0
1.4	**285**	**3.1**	965.5	**BS40G10-../D06LA4**	73	15000	-	1.7	235	3.7
1.2	**330**	**2.7**	1180	"	"	15000	-	1.4	285	3.1
0.95	**420**	**2.1**	1499	"	"	15000	-	1.1	360	2.4
0.8	**500**	**1.75**	1785	"	"	15000	-	0.95	420	2.1
0.65	**610**	**1.45**	2126	"	"	15000	-	0.8	500	1.75
0.6	**660**	**1.35**	2304	"	"	15000	-	0.75	530	1.65
0.55	**720**	**1.2**	2552	"	"	15000	-	0.65	610	1.45
0.47	**850**	**1.05**	2902	"	"	15000	-	0.6	660	1.35

P = 0.09 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**2.55**	**5.9**	4.60	**BS02-../D04LA4**	3.5	1000	-	355	2.1	7.1
250	**3.0**	**6.7**	5.40	"	"	1000	-	300	2.5	8.0
200	**3.65**	**6.8**	6.75	"	"	1000	-	240	3.05	8.2
164	**4.4**	**5.7**	8.25	"	"	1100	-	197	3.65	6.8
127	**5.5**	**4.5**	10.67	"	"	1250	-	152	4.6	5.4
100	**6.7**	**3.7**	13.50	"	"	1250	-	120	5.5	4.5
75	**8.4**	**3.0**	18.00	"	"	1250	-	90	7.0	3.6
62	**9.7**	**2.6**	22.00	"	"	1250	-	74	8.1	3.1
50	**10.8**	**2.3**	27.00	"	"	1250	-	60	9.0	2.8
41	**12.5**	**2.0**	33.00	"	"	1250	-	49.5	10.4	2.4

P = 0.09 kW

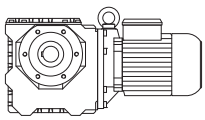


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
31.5	**16.9**	**1.4**	43.00	**BS02-../D04LA4**	"	1250	-	38	14	1.7
25	**19.5**	**1.15**	54.00	"	"	1250	-	30	16.3	1.35
19.5	**22**	**0.91**	70.00	"	"	1250	-	23.5	18.6	1.1
27	**18.4**	**3.0**	50.00	**BS03-../D05LA4**	5.4	1950	-	32.5	15.3	3.6
22	**20.5**	**2.3**	62.00	"	"	1950	-	26.5	17.1	2.8
18	**24**	**1.65**	75.00	"	"	1950	-	22	19.9	2.0
56	**11.6**	**2.9**	24.25	**BS04-../D04LA4**	3.9	2250	-	67	9.7	3.5
52	**11.7**	**3.2**	26.21	"	"	2250	-	62	9.8	3.9
43	**13.9**	**2.7**	31.50	"	"	2250	-	52	11.5	3.3
35.5	**16.7**	**2.2**	38.42	"	"	2250	-	42.5	13.9	2.7
28.5	**20.5**	**1.85**	47.86	"	"	2250	-	34	17.1	2.2
21.5	**25**	**1.45**	64.06	"	"	2250	-	25.5	21	1.7
19	**29.5**	**1.3**	71.18	"	"	2250	-	23	24.5	1.55
18	**29**	**1.3**	77.00	"	"	2250	-	21.5	24	1.6
14.5	**34.5**	**1.1**	93.92	"	"	2250	-	17.5	28.5	1.35
13.5	**40.5**	**0.94**	102.9	"	"	2250	-	16	34	1.1
12	**40.5**	**0.94**	117.0	"	"	2250	-	14	34.5	1.1
11	**49**	**0.84**	123.0	"	"	2250	-	13.5	40	1.05
21.5	**27**	**3.0**	64.06	**BS06-../D04LA4**	8.4	3500	-	25.5	22.5	3.6
19	**32**	**2.9**	71.18	"	"	3500	-	23	26.5	3.5
18	**31.5**	**2.7**	77.00	"	"	3500	-	21.5	26.5	3.2
15	**40**	**2.5**	90.00	"	"	3500	-	18	33	3.0
13.5	**43.5**	**2.3**	103.1	"	"	3500	-	16	37	2.7
11.5	**48.5**	**1.95**	118.8	"	"	3500	-	14	39.5	2.4
10.5	**54**	**1.95**	129.0	"	"	3500	-	13	44	2.4
9.2	**60**	**1.75**	146.8	"	"	3500	-	11.5	48.5	2.2
7.8	**66**	**1.5**	174.0	"	"	3500	-	9.4	54	1.8
6.2	**81**	**1.2**	220.0	"	"	3500	-	7.4	68	1.45
5.4	**92**	**1.1**	252.0	"	"	3500	-	6.5	76	1.3
4.3	**113**	**0.94**	315.3	"	"	3500	-	5.2	94	1.15
3.8	**126**	**0.87**	358.9	"	"	3500	-	4.6	104	1.05
11.5	**55**	**2.2**	119.6	**BS10-../D06LA4**	23	6000	-	14	45	2.7
10.5	**52**	**3.2**	130.3	"	"	6000	-	12.5	44	3.7
8.9	**61**	**2.7**	152.7	"	"	6000	-	11	50	3.3
7.2	**76**	**2.2**	188.6	"	"	6000	-	8.6	63	2.7
6.3	**87**	**2.1**	216.6	"	"	6000	-	7.5	73	2.5
5.4	**101**	**1.8**	254.0	**BS10Z-../D06LA4**	24	6000	-	6.4	85	2.1
4.5	**118**	**1.6**	302.5	"	"	6000	-	5.4	98	1.95
3.8	**140**	**1.35**	360.3	"	"	6000	-	4.5	118	1.6
3.2	**163**	**1.15**	432.4	"	"	6000	-	3.8	137	1.4
2.5	**200**	**0.95**	544.8	"	"	6000	-	3.0	169	1.1
2.2	**215**	**0.88**	638.7	"	"	6000	-	2.6	185	1.05
6.0	**91**	**3.2**	225.6	**BS20-../D06LA4**	34	8000	-	7.2	76	3.8
5.3	**103**	**2.9**	257.8	**BS20Z-../D06LA4**	35	8000	-	6.3	87	3.4
4.5	**120**	**2.5**	300.1	"	"	8000	-	5.4	100	3.0
3.8	**140**	**2.3**	359.9	"	"	8000	-	4.6	115	2.8
3.2	**163**	**2.0**	430.8	"	"	8000	-	3.8	137	2.4
2.6	**181**	**2.0**	539.7	"	"	8000	-	3.1	152	2.4
2.2	**210**	**1.55**	619.2	"	"	8000	-	2.7	171	1.95
1.8	**255**	**1.2**	763.4	"	"	8000	-	2.2	210	1.5
1.7	**330**	**0.82**	831.7	**BS20G06-../D06LA4**	38	8000	-	2.0	280	0.96
3.8	**167**	**2.4**	359.6	**BS30Z-../D06LA4**	54	10000	-	4.6	138	2.9
3.0	**183**	**3.3**	457.3	"	"	10000	-	3.6	152	3.9
2.6	**210**	**2.9**	539.3	"	"	10000	-	3.1	177	3.4
2.1	**245**	**2.4**	651.0	"	"	10000	-	2.5	205	2.8
1.7	**290**	**1.65**	804.1	"	"	10000	-	2.1	235	2.0
1.5	**325**	**1.4**	932.0	"	"	10000	-	1.8	270	1.65
1.4	**420**	**1.15**	1022	**BS30G06-../D06LA4**	56	10000	-	1.6	370	1.3
1.2	**490**	**1.0**	1176	"	"	10000	-	1.4	420	1.15

Schnecken-Getriebemotoren Reihe BS

Auswahl - Schneckengetriebemotoren DSE - IE1

P = 0.09kW

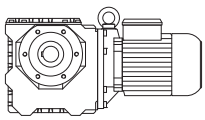


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
1.9	**270**	**2.8**	736.5	**BS40Z-../D06LA4**	68	15000	-	2.2	230	3.3
1.5	**335**	**2.2**	908.2	"	"	15000	-	1.8	280	2.7
1.4	**425**	**2.1**	965.5	**BS40G10-../D06LA4**	73	15000	-	1.7	350	2.5
1.2	**500**	**1.75**	1180	"	"	15000	-	1.4	425	2.1
0.95	**630**	**1.4**	1499	"	"	15000	-	1.1	540	1.65
0.8	**750**	**1.15**	1785	"	"	15000	-	0.95	630	1.4

P = 0.12kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**3.4**	**4.4**	4.60	**BS02-../D04LA4**	3.5	1000	-	355	2.8	5.4
250	**4.0**	**5.0**	5.40	"	"	1000	-	300	3.35	6.0
200	**4.9**	**5.1**	6.75	"	"	1000	-	240	4.1	6.1
164	**5.8**	**4.3**	8.25	"	"	1100	-	197	4.85	5.2
127	**7.3**	**3.4**	10.67	"	"	1250	-	152	6.1	4.1
100	**8.9**	**2.8**	13.50	"	"	1250	-	120	7.4	3.4
75	**11.3**	**2.2**	18.00	"	"	1250	-	90	9.4	2.7
62	**12.9**	**1.95**	22.00	"	"	1250	-	74	10.8	2.3
50	**14.4**	**1.75**	27.00	"	"	1250	-	60	12	2.1
41	**16.7**	**1.5**	33.00	"	"	1250	-	49.5	13.8	1.8
31.5	**22.5**	**1.05**	43.00	"	"	1250	-	38	18.6	1.3
25	**26**	**0.85**	54.00	"	"	1250	-	30	21.5	1.0
41	**17**	**3.2**	33.00	**BS03-../D05LA4**	5.4	1950	-	49.5	14.1	3.9
35	**20.5**	**2.7**	39.00	"	"	1950	-	42	17.4	3.2
27	**24.5**	**2.2**	50.00	"	"	1950	-	32.5	20	2.8
22	**27.5**	**1.75**	62.00	"	"	1950	-	26.5	22.5	2.1
18	**32**	**1.25**	75.00	"	"	1950	-	22	26.5	1.5
83	**10.6**	**3.3**	16.31	**BS04-../D04LA4**	3.9	1970	-	100	8.8	4.0
65	**13.3**	**2.8**	20.96	"	"	2100	-	78	11.1	3.3
56	**15.5**	**2.2**	24.25	"	"	2250	-	67	12.9	2.6
52	**15.6**	**2.4**	26.21	"	"	2250	-	62	13.1	2.9
43	**18.6**	**2.0**	31.50	"	"	2250	-	52	15.4	2.5
35.5	**22**	**1.7**	38.42	"	"	2250	-	42.5	18.6	2.0
28.5	**27**	**1.4**	47.86	"	"	2250	-	34	22.5	1.7
21.5	**33.5**	**1.05**	64.06	"	"	2250	-	25.5	28	1.3
19	**39.5**	**0.96**	71.18	"	"	2250	-	23	32.5	1.15
18	**38.5**	**0.99**	77.00	"	"	2250	-	21.5	32.5	1.15
14.5	**46.5**	**0.82**	93.92	"	"	2250	-	17.5	38.5	0.99
28	**29**	**3.0**	48.60	**BS06-../D04LA4**	8.4	3500	-	33.5	24.5	3.6
23.5	**34.5**	**2.6**	58.15	"	"	3500	-	28	29	3.1
21.5	**36**	**2.2**	64.06	"	"	3500	-	25.5	30.5	2.6
19	**42.5**	**2.2**	71.18	"	"	3500	-	23	35	2.7
18	**42.5**	**2.0**	77.00	"	"	3500	-	21.5	35.5	2.4
15	**53**	**1.85**	90.00	"	"	3500	-	18	44.5	2.2
13.5	**58**	**1.7**	103.1	"	"	3500	-	16	49	2.0
11.5	**64**	**1.45**	118.8	"	"	3500	-	14	53	1.75
10.5	**73**	**1.4**	129.0	"	"	3500	-	13	59	1.75
9.2	**80**	**1.35**	146.8	"	"	3500	-	11.5	64	1.65
7.8	**88**	**1.1**	174.0	"	"	3500	-	9.4	73	1.35
6.2	**109**	**0.9**	220.0	"	"	3500	-	7.4	91	1.1
5.4	**123**	**0.8**	252.0	"	"	3500	-	6.5	102	0.97
16.5	**51**	**2.9**	84.36	**BS10-../D06LA4**	23	5300	-	19.5	43	3.5
13.5	**54**	**3.0**	103.4	"	"	5600	-	16	45.5	3.5
11.5	**73**	**1.65**	119.6	"	"	6000	-	14	60	2.0
10.5	**69**	**2.4**	130.3	"	"	6000	-	12.5	58	2.8
8.9	**82**	**2.0**	152.7	"	"	6000	-	11	66	2.5
7.2	**101**	**1.7**	188.6	"	"	6000	-	8.6	85	2.0
6.3	**116**	**1.55**	216.6	"	"	6000	-	7.5	97	1.85

P = 0.12 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
5.4	**135**	**1.35**	254.0	**BS10Z-../D06LA4**	24	6000	-	6.4	114	1.6
4.5	**157**	**1.2**	302.5	"	"	6000	-	5.4	131	1.45
3.8	**186**	**1.0**	360.3	"	"	6000	-	4.5	157	1.2
3.2	**215**	**0.88**	432.4	"	"	6000	-	3.8	183	1.05
8.5	**88**	**3.1**	159.4	**BS20-../D06LA4**	34	8000	-	10.5	72	3.8
7.4	**102**	**2.7**	183.0	"	"	8000	-	8.9	84	3.3
6.0	**122**	**2.4**	225.6	"	"	8000	-	7.2	101	2.9
5.3	**138**	**2.1**	257.8	**BS20Z-../D06LA4**	35	8000	-	6.3	116	2.5
4.5	**160**	**1.9**	300.1	"	"	8000	-	5.4	133	2.3
3.8	**186**	**1.7**	359.9	"	"	8000	-	4.6	154	2.1
3.2	**215**	**1.55**	430.8	"	"	8000	-	3.8	183	1.8
2.6	**240**	**1.5**	539.7	"	"	8000	-	3.1	200	1.85
2.2	**280**	**1.2**	619.2	"	"	8000	-	2.7	225	1.45
1.8	**340**	**0.91**	763.4	"	"	8000	-	2.2	280	1.1
3.8	**220**	**1.8**	359.6	**BS30Z-../D06LA4**	54	10000	-	4.6	184	2.1
3.5	**210**	**2.8**	390.2	"	"	10000	-	4.2	177	3.3
3.0	**240**	**2.5**	457.3	"	"	10000	-	3.6	200	3.0
2.6	**280**	**2.1**	539.3	"	"	10000	-	3.1	235	2.6
2.1	**325**	**1.8**	651.0	"	"	10000	-	2.5	275	2.1
1.7	**390**	**1.2**	804.1	"	"	10000	-	2.1	315	1.5
1.5	**435**	**1.05**	932.0	"	"	10000	-	1.8	360	1.25
1.4	**560**	**0.88**	1022	**BS30G06-../D06LA4**	56	10000	-	1.6	490	1.0
2.3	**300**	**3.0**	612.1	**BS40Z-../D06LA4**	68	15000	-	2.7	255	3.6
1.9	**360**	**2.1**	736.5	"	"	15000	-	2.2	310	2.4
1.5	**450**	**1.65**	908.2	"	"	15000	-	1.8	375	2.0
1.4	**570**	**1.55**	965.5	**BS40G10-../D06LA4**	73	15000	-	1.7	470	1.85
1.2	**660**	**1.35**	1180	"	"	15000	-	1.4	570	1.55
0.95	**840**	**1.05**	1499	"	"	15000	-	1.1	720	1.2

P = 0.18 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**5.1**	**2.9**	4.60	**BS02-../D05LA4**	5.3	1000	-	355	4.25	3.5
250	**6.0**	**3.3**	5.40	"	"	1000	-	300	5.0	4.0
200	**7.3**	**3.4**	6.75	"	"	1000	-	240	6.1	4.1
164	**8.8**	**2.8**	8.25	"	"	1100	-	197	7.3	3.4
127	**11**	**2.3**	10.67	"	"	1250	-	152	9.2	2.7
100	**13.4**	**1.85**	13.50	"	"	1250	-	120	11.1	2.3
75	**16.9**	**1.5**	18.00	"	"	1250	-	90	14.1	1.75
62	**19.4**	**1.3**	22.00	"	"	1250	-	74	16.2	1.55
50	**21.5**	**1.15**	27.00	"	"	1250	-	60	18	1.4
41	**25**	**1.0**	33.00	"	"	1250	-	49.5	20.5	1.2
72	**18.1**	**3.0**	19.00	**BS03-../D05LA4**	5.4	1950	-	86	15.1	3.6
54	**21.5**	**2.6**	25.00	"	"	1950	-	65	18.2	3.0
41	**25.5**	**2.2**	33.00	"	"	1950	-	49.5	21	2.6
35	**31**	**1.75**	39.00	"	"	1950	-	42	26	2.1
27	**36.5**	**1.5**	50.00	"	"	1950	-	32.5	30.5	1.8
22	**41**	**1.15**	62.00	"	"	1950	-	26.5	34	1.4
18	**48.5**	**0.82**	75.00	"	"	1950	-	22	39.5	1.0
126	**10.6**	**3.0**	10.73	**BS04-../D05LA4**	5.8	1600	-	151	8.8	3.6
104	**12.7**	**2.6**	13.09	"	"	1760	-	124	10.6	3.1
83	**15.9**	**2.2**	16.31	"	"	1970	-	100	13.2	2.7
65	**20**	**1.85**	20.96	"	"	2100	-	78	16.7	2.2
56	**23**	**1.5**	24.25	"	"	2250	-	67	19.4	1.75
52	**23**	**1.65**	26.21	"	"	2250	-	62	19.6	1.95
43	**27.5**	**1.4**	31.50	"	"	2250	-	52	23	1.65
35.5	**33**	**1.1**	38.42	"	"	2250	-	42.5	27.5	1.35
28.5	**41**	**0.93**	47.86	"	"	2250	-	34	34	1.1

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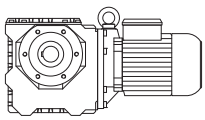
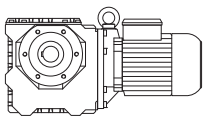
Auswahl - Schneckengetriebemotoren DSE - IE1

P = 0.18 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
56	**24.5**	**3.1**	24.25	**BS06-../D05LA4**	10	2600	-	67	20.5	3.8
52	**24**	**3.2**	26.21	"	"	3000	-	62	20	3.9
43	**29**	**2.8**	31.50	"	"	3200	-	52	24	3.3
33	**37.5**	**2.3**	41.29	"	"	3500	-	39.5	31	2.8
28	**44**	**2.0**	48.60	"	"	3500	-	33.5	36.5	2.4
23.5	**51**	**1.8**	58.15	"	"	3500	-	28	43.5	2.1
21.5	**54**	**1.5**	64.06	"	"	3500	-	25.5	45.5	1.75
19	**64**	**1.45**	71.18	"	"	3500	-	23	53	1.75
18	**63**	**1.35**	77.00	"	"	3500	-	21.5	53	1.6
15	**80**	**1.25**	90.00	"	"	3500	-	18	66	1.5
13.5	**87**	**1.15**	103.1	"	"	3500	-	16	74	1.35
11.5	**97**	**0.97**	118.8	"	"	3500	-	14	79	1.2
10.5	**109**	**0.95**	129.0	"	"	3500	-	13	88	1.2
9.2	**121**	**0.88**	146.8	"	"	3500	-	11.5	97	1.1
28.5	**45**	**3.2**	47.59	**BS10-../D06LA4**	23	4050	-	34.5	37	3.9
24	**53**	**2.8**	57.12	"	"	4350	-	28.5	44.5	3.4
22.5	**51**	**2.9**	60.74	"	"	4550	-	27	42.5	3.5
19	**66**	**2.4**	71.96	"	"	5000	-	23	55	2.9
16.5	**77**	**1.95**	84.36	"	"	5300	-	19.5	65	2.3
13.5	**81**	**2.0**	103.4	"	"	5600	-	16	68	2.4
11.5	**110**	**1.1**	119.6	"	"	6000	-	14	90	1.35
10.5	**104**	**1.6**	130.3	"	"	6000	-	12.5	88	1.85
8.9	**123**	**1.35**	152.7	"	"	6000	-	11	100	1.65
7.2	**152**	**1.1**	188.6	"	"	6000	-	8.6	127	1.35
6.3	**174**	**1.05**	216.6	"	"	6000	-	7.5	146	1.25
5.4	**200**	**0.9**	254.0	**BS10Z-../D06LA4**	24	6000	-	6.4	171	1.05
4.5	**235**	**0.81**	302.5	"	"	6000	-	5.4	197	0.96
13	**87**	**3.1**	106.3	**BS20-../D06LA4**	34	7600	-	15.5	73	3.7
11	**103**	**2.6**	127.3	"	"	8000	-	13	87	3.1
8.5	**133**	**2.1**	159.4	"	"	8000	-	10.5	108	2.5
7.4	**153**	**1.85**	183.0	"	"	8000	-	8.9	127	2.2
6.0	**183**	**1.6**	225.6	"	"	8000	-	7.2	152	1.9
5.3	**205**	**1.45**	257.8	**BS20Z-../D06LA4**	35	8000	-	6.3	174	1.7
4.5	**240**	**1.25**	300.1	"	"	8000	-	5.4	200	1.5
3.8	**280**	**1.15**	359.9	"	"	8000	-	4.6	230	1.4
3.2	**325**	**1.0**	430.8	"	"	8000	-	3.8	275	1.2
2.6	**360**	**1.0**	539.7	"	"	8000	-	3.1	300	1.2
6.3	**180**	**2.9**	216.4	**BS30-../D06LA4**	51	10000	-	7.5	151	3.4
5.2	**215**	**2.6**	261.6	**BS30Z-../D06LA4**	54	10000	-	6.2	182	3.1
4.5	**245**	**2.4**	306.6	"	"	10000	-	5.3	210	2.8
3.8	**330**	**1.2**	359.6	"	"	10000	-	4.6	275	1.45
3.5	**315**	**1.85**	390.2	"	"	10000	-	4.2	265	2.2
3.0	**365**	**1.65**	457.3	"	"	10000	-	3.6	305	1.95
2.6	**420**	**1.45**	539.3	"	"	10000	-	3.1	350	1.7
2.1	**490**	**1.2**	651.0	"	"	10000	-	2.5	410	1.4
1.7	**580**	**0.82**	804.1	"	"	10000	-	2.1	470	1.0
4.7	**270**	**2.6**	287.7	**BS40Z-../D06LA4**	68	15000	-	5.7	220	3.3
3.1	**345**	**2.9**	446.8	"	"	15000	-	3.7	290	3.4
2.6	**415**	**2.7**	520.8	"	"	15000	-	3.2	335	3.3
2.3	**455**	**2.0**	612.1	"	"	15000	-	2.7	385	2.4
1.9	**540**	**1.4**	736.5	"	"	15000	-	2.2	465	1.65
1.5	**670**	**1.1**	908.2	"	"	15000	-	1.8	560	1.35
1.4	**850**	**1.05**	965.5	**BS40G10-../D06LA4**	73	15000	-	1.7	700	1.25
1.2	**1000**	**0.88**	1180	"	"	15000	-	1.4	850	1.05

P = 0.25 kW

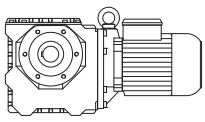


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**7.1**	**2.1**	4.60	**BS02-../D05LA4**	5.3	1000	-	355	5.9	2.5
250	**8.4**	**2.4**	5.40	"	"	1000	-	300	7.0	2.9
200	**10.2**	**2.5**	6.75	"	"	1000	-	240	8.5	2.9
164	**12.2**	**2.0**	8.25	"	"	1100	-	197	10.1	2.5
127	**15.4**	**1.6**	10.67	"	"	1250	-	152	12.8	1.95
100	**18.6**	**1.35**	13.50	"	"	1250	-	120	15.5	1.6
75	**23.5**	**1.05**	18.00	"	"	1250	-	90	19.6	1.3
62	**26.5**	**0.94**	22.00	"	"	1250	-	74	22.5	1.1
50	**30**	**0.83**	27.00	"	"	1250	-	60	25	1.0
100	**18.6**	**3.0**	13.50	**BS03-../D05LA4**	5.4	1600	-	120	15.5	3.5
72	**25**	**2.2**	19.00	"	"	1950	-	86	21	2.6
54	**30.5**	**1.8**	25.00	"	"	1950	-	65	25	2.2
41	**35.5**	**1.55**	33.00	"	"	1950	-	49.5	29	1.9
35	**43.5**	**1.25**	39.00	"	"	1950	-	42	36	1.55
27	**51**	**1.1**	50.00	"	"	1950	-	32.5	42.5	1.3
22	**57**	**0.84**	62.00	"	"	1950	-	26.5	47.5	1.0
225	**8.2**	**3.2**	6.13	**BS04-../D05LA4**	5.8	1320	-	265	7.0	3.7
152	**12.2**	**2.5**	8.93	"	"	1500	-	182	10.2	2.9
126	**14.7**	**2.2**	10.73	"	"	1600	-	151	12.3	2.6
104	**17.6**	**1.9**	13.09	"	"	1760	-	124	14.8	2.2
83	**22**	**1.6**	16.31	"	"	1970	-	100	18.3	1.9
65	**27.5**	**1.35**	20.96	"	"	2100	-	78	23	1.6
56	**32**	**1.05**	24.25	"	"	2250	-	67	27	1.25
52	**32.5**	**1.15**	26.21	"	"	2250	-	62	27	1.4
43	**38.5**	**0.99**	31.50	"	"	2250	-	52	32	1.2
35.5	**46**	**0.8**	38.42	"	"	2250	-	42.5	38.5	0.96
82	**23**	**3.1**	16.56	**BS06-../D05LA4**	10	2400	-	98	19.4	3.7
69	**27.5**	**2.7**	19.82	"	"	2500	-	82	23	3.3
56	**34**	**2.3**	24.25	"	"	2600	-	67	28.5	2.7
52	**33.5**	**2.3**	26.21	"	"	3000	-	62	28	2.8
43	**40.5**	**2.0**	31.50	"	"	3200	-	52	33.5	2.4
33	**52**	**1.65**	41.29	"	"	3500	-	39.5	43.5	2.0
28	**61**	**1.45**	48.60	"	"	3500	-	33.5	51	1.75
23.5	**72**	**1.25**	58.15	"	"	3500	-	28	60	1.5
21.5	**75**	**1.05**	64.06	"	"	3500	-	25.5	63	1.25
19	**89**	**1.05**	71.18	"	"	3500	-	23	73	1.3
18	**88**	**0.97**	77.00	"	"	3500	-	21.5	74	1.15
15	**111**	**0.88**	90.00	"	"	3500	-	18	92	1.05
13.5	**122**	**0.82**	103.1	"	"	3500	-	16	102	0.98
40.5	**44.5**	**3.0**	33.55	**BS10-../D06LA4**	23	3550	-	48.5	37	3.6
34	**52**	**2.7**	39.96	"	"	3800	-	41	43.5	3.2
28.5	**62**	**2.3**	47.59	"	"	4050	-	34.5	51	2.8
24	**73**	**2.1**	57.12	"	"	4350	-	28.5	61	2.5
22.5	**71**	**2.1**	60.74	"	"	4550	-	27	59	2.5
19	**92**	**1.75**	71.96	"	"	5000	-	23	76	2.1
16.5	**107**	**1.4**	84.36	"	"	5300	-	19.5	90	1.65
13.5	**113**	**1.4**	103.4	"	"	5600	-	16	95	1.7
10.5	**145**	**1.15**	130.3	"	"	6000	-	12.5	122	1.35
8.9	**171**	**0.96**	152.7	"	"	6000	-	11	138	1.2
7.2	**210**	**0.81**	188.6	"	"	6000	-	8.6	177	0.96
19.5	**91**	**3.3**	70.30	**BS20-../D06LA4**	34	6300	-	23.5	76	3.9
18	**87**	**3.1**	76.18	"	"	6600	-	21.5	73	3.7
15.5	**101**	**2.7**	88.67	"	"	7000	-	18.5	85	3.2
13	**121**	**2.2**	106.3	"	"	7600	-	15.5	101	2.7
11	**143**	**1.9**	127.3	"	"	8000	-	13	121	2.2
8.5	**185**	**1.5**	159.4	"	"	8000	-	10.5	150	1.85
7.4	**210**	**1.35**	183.0	"	"	8000	-	8.9	177	1.6
6.0	**250**	**1.15**	225.6	"	"	8000	-	7.2	210	1.4
5.3	**285**	**1.05**	257.8	**BS20Z-../D06LA4**	35	8000	-	6.3	240	1.25
4.5	**330**	**0.91**	300.1	"	"	8000	-	5.4	275	1.1
3.8	**385**	**0.83**	359.9	"	"	8000	-	4.6	320	1.0

Schnecken-Getriebemotoren Reihe BS

Auswahl - Schneckengetriebemotoren DSE - IE1

P = 0.25 kW

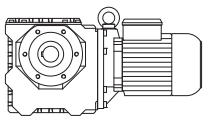


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
9.0	**177**	**3.1**	151.1	**BS30-../D06LA4**	51	9500	-	11	145	3.7
7.3	**215**	**2.5**	186.7	"	"	10000	-	8.7	181	3.0
6.3	**250**	**2.1**	216.4	"	"	10000	-	7.5	210	2.5
5.2	**300**	**1.85**	261.6	**BS30Z-../D06LA4**	54	10000	-	6.2	250	2.2
4.5	**340**	**1.7**	306.6	"	"	10000	-	5.3	290	2.0
3.8	**460**	**0.86**	359.6	"	"	10000	-	4.6	380	1.05
3.5	**440**	**1.35**	390.2	"	"	10000	-	4.2	365	1.6
3.0	**500**	**1.2**	457.3	"	"	10000	-	3.6	420	1.45
2.6	**580**	**1.05**	539.3	"	"	10000	-	3.1	490	1.2
2.1	**680**	**0.85**	651.0	"	"	10000	-	2.5	570	1.0
6.9	**255**	**2.7**	197.1	**BS40Z-../D06LA4**	68	15000	-	8.3	210	3.3
5.5	**270**	**3.3**	249.6	"	"	15000	-	6.5	230	3.9
4.7	**375**	**1.9**	287.7	"	"	15000	-	5.7	305	2.3
4.5	**330**	**3.2**	302.1	"	"	15000	-	5.4	275	3.9
3.8	**395**	**2.7**	356.8	"	"	15000	-	4.6	325	3.3
3.1	**485**	**2.0**	446.8	"	"	15000	-	3.7	405	2.4
2.6	**570**	**1.95**	520.8	"	"	15000	-	3.2	470	2.3
2.3	**630**	**1.45**	612.1	"	"	15000	-	2.7	530	1.7
1.9	**750**	**1.0**	736.5	"	"	15000	-	2.2	650	1.15
1.5	**930**	**0.8**	908.2	"	"	15000	-	1.8	780	0.95

P = 0.3 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**8.5**	**1.75**	4.60	**BS02-../D07LA4**	9.3	1000	-	355	7.1	2.1
250	**10**	**2.0**	5.40	"	"	1000	-	300	8.4	2.4
200	**12.3**	**2.0**	6.75	"	"	1000	-	240	10.2	2.5
164	**14.6**	**1.7**	8.25	"	"	1100	-	197	12.2	2.0
127	**18.4**	**1.35**	10.67	"	"	1250	-	152	15.4	1.6
100	**22**	**1.15**	13.50	"	"	1250	-	120	18.6	1.35
75	**28**	**0.89**	18.00	"	"	1250	-	90	23.5	1.05
100	**22**	**2.5**	13.50	**BS03-../D07LA4**	9.4	1600	-	120	18.6	3.0
72	**30**	**1.85**	19.00	"	"	1950	-	86	25	2.2
54	**36.5**	**1.5**	25.00	"	"	1950	-	65	30	1.85
41	**42.5**	**1.3**	33.00	"	"	1950	-	49.5	35	1.55
35	**52**	**1.05**	39.00	"	"	1950	-	42	43.5	1.25
27	**61**	**0.9**	50.00	"	"	1950	-	32.5	51	1.1
225	**9.9**	**2.6**	6.13	**BS04-../D07LA4**	9.8	1320	-	265	8.4	3.1
152	**14.7**	**2.0**	8.93	"	"	1500	-	182	12.2	2.5
126	**17.7**	**1.8**	10.73	"	"	1600	-	151	14.7	2.2
104	**21**	**1.55**	13.09	"	"	1760	-	124	17.7	1.85
83	**26.5**	**1.3**	16.31	"	"	1970	-	100	22	1.6
65	**33**	**1.1**	20.96	"	"	2100	-	78	27.5	1.35
56	**38.5**	**0.88**	24.25	"	"	2250	-	67	32	1.05
52	**39**	**0.97**	26.21	"	"	2250	-	62	32.5	1.15
43	**46.5**	**0.82**	31.50	"	"	2250	-	52	38.5	0.99
96	**24**	**2.8**	14.07	**BS06-../D07LA4**	14	2200	-	116	20	3.4
82	**27.5**	**2.6**	16.56	"	"	2400	-	98	23	3.1
69	**33**	**2.3**	19.82	"	"	2500	-	82	27.5	2.7
56	**40.5**	**1.9**	24.25	"	"	2600	-	67	34	2.3
52	**40**	**1.95**	26.21	"	"	3000	-	62	33.5	2.3
43	**48.5**	**1.65**	31.50	"	"	3200	-	52	40	2.0
33	**62**	**1.4**	41.29	"	"	3500	-	39.5	52	1.65
28	**73**	**1.2**	48.60	"	"	3500	-	33.5	61	1.45
23.5	**86**	**1.05**	58.15	"	"	3500	-	28	72	1.25
21.5	**90**	**0.89**	64.06	"	"	3500	-	25.5	76	1.05
19	**107**	**0.88**	71.18	"	"	3500	-	23	88	1.05
18	**106**	**0.8**	77.00	"	"	3500	-	21.5	89	0.96

P = 0.3 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
52	**42.5**	**3.1**	26.42	**BS10-../D07LA4**	26	3250	-	62	36	3.6
40.5	**53**	**2.5**	33.55	"	"	3550	-	48.5	44.5	3.0
34	**63**	**2.2**	39.96	"	"	3800	-	41	52	2.7
28.5	**75**	**1.95**	47.59	"	"	4050	-	34.5	62	2.3
24	**88**	**1.7**	57.12	"	"	4350	-	28.5	74	2.0
22.5	**85**	**1.75**	60.74	"	"	4550	-	27	71	2.1
19	**111**	**1.45**	71.96	"	"	5000	-	23	92	1.75
16.5	**128**	**1.15**	84.36	"	"	5300	-	19.5	108	1.4
13.5	**135**	**1.2**	103.4	"	"	5600	-	16	114	1.4
10.5	**174**	**0.94**	130.3	"	"	6000	-	12.5	146	1.1
8.9	**205**	**0.8**	152.7	"	"	6000	-	11	166	0.99
23	**93**	**3.0**	58.74	**BS20-../D07LA4**	36	5900	-	28	76	3.7
19.5	**110**	**2.7**	70.30	"	"	6300	-	23.5	91	3.3
18	**105**	**2.6**	76.18	"	"	6600	-	21.5	87	3.1
15.5	**121**	**2.2**	88.67	"	"	7000	-	18.5	102	2.6
13	**145**	**1.85**	106.3	"	"	7600	-	15.5	121	2.2
11	**171**	**1.6**	127.3	"	"	8000	-	13	145	1.85
8.5	**220**	**1.25**	159.4	"	"	8000	-	10.5	180	1.55
7.4	**255**	**1.1**	183.0	"	"	8000	-	8.9	210	1.35
6.0	**305**	**0.95**	225.6	"	"	8000	-	7.2	250	1.15
5.3	**345**	**0.86**	257.8	**BS20Z-../D07LA4**	38	8000	-	6.3	290	1.0
16.5	**133**	**3.1**	83.48	**BS30-../D07LA4**	54	6800	-	19.5	113	3.6
11	**177**	**2.9**	125.2	"	"	8700	-	13	149	3.5
9.0	**210**	**2.6**	151.1	"	"	9500	-	11	174	3.1
7.3	**255**	**2.1**	186.7	"	"	10000	-	8.7	215	2.5
6.3	**300**	**1.75**	216.4	"	"	10000	-	7.5	250	2.1
5.2	**360**	**1.55**	261.6	**BS30Z-../D07LA4**	56	10000	-	6.2	300	1.85
4.5	**410**	**1.4**	306.6	"	"	10000	-	5.3	350	1.65
3.5	**530**	**1.1**	390.2	"	"	10000	-	4.2	440	1.35
3.0	**610**	**0.98**	457.3	"	"	10000	-	3.6	500	1.2
2.6	**700**	**0.86**	539.3	"	"	10000	-	3.1	590	1.0
6.9	**305**	**2.3**	197.1	**BS40Z-../D07LA4**	70	15000	-	8.3	255	2.7
5.5	**325**	**2.8**	249.6	"	"	15000	-	6.5	275	3.3
4.7	**450**	**1.6**	287.7	"	"	15000	-	5.7	370	1.95
4.5	**400**	**2.7**	302.1	"	"	15000	-	5.4	330	3.2
3.8	**470**	**2.3**	356.8	"	"	15000	-	4.6	390	2.8
3.1	**580**	**1.7**	446.8	"	"	15000	-	3.7	485	2.0
2.6	**690**	**1.6**	520.8	"	"	15000	-	3.2	560	1.95
2.3	**750**	**1.2**	612.1	"	"	15000	-	2.7	640	1.4
1.9	**900**	**0.84**	736.5	"	"	15000	-	2.2	780	0.97

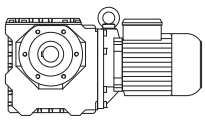
P = 0.37 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**10.5**	**1.45**	4.60	**BS02-../D07LA4**	9.3	1000	-	355	8.7	1.7
250	**12.4**	**1.6**	5.40	"	"	1000	-	300	10.3	1.95
200	**15.1**	**1.65**	6.75	"	"	1000	-	240	12.6	2.0
164	**18**	**1.4**	8.25	"	"	1100	-	197	15	1.65
127	**22.5**	**1.1**	10.67	"	"	1250	-	152	19	1.3
100	**27.5**	**0.91**	13.50	"	"	1250	-	120	22.5	1.1
100	**27.5**	**2.0**	13.50	**BS03-../D07LA4**	9.4	1600	-	120	22.5	2.4
72	**37**	**1.5**	19.00	"	"	1950	-	86	31	1.75
54	**45**	**1.2**	25.00	"	"	1950	-	65	37.5	1.45
41	**52**	**1.05**	33.00	"	"	1950	-	49.5	43.5	1.25
35	**64**	**0.86**	39.00	"	"	1950	-	42	53	1.05
225	**12.2**	**2.1**	6.13	**BS04-../D07LA4**	9.8	1320	-	265	10.4	2.5
152	**18.1**	**1.65**	8.93	"	"	1500	-	182	15.1	2.0
126	**21.5**	**1.5**	10.73	"	"	1600	-	151	18.2	1.75

Schnecken-Getriebemotoren Reihe BS

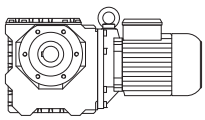
Auswahl - Schneckengetriebemotoren DSE - IE1

P = 0.37 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
104	**26**	**1.25**	13.09	**BS04-../D07LA4**	"	1760	-	124	21.5	1.55
83	**32.5**	**1.1**	16.31	"	"	1970	-	100	27	1.3
65	**41**	**0.9**	20.96	"	"	2100	-	78	34	1.1
152	**18.8**	**3.3**	8.93	**BS06-../D07LA4**	14	1710	-	182	15.7	3.9
126	**22.5**	**2.9**	10.73	"	"	1850	-	151	18.9	3.4
96	**29.5**	**2.3**	14.07	"	"	2200	-	116	24.5	2.8
82	**34**	**2.1**	16.56	"	"	2400	-	98	28.5	2.5
69	**40.5**	**1.85**	19.82	"	"	2500	-	82	34	2.2
56	**50**	**1.55**	24.25	"	"	2600	-	67	42	1.85
52	**49.5**	**1.55**	26.21	"	"	3000	-	62	41.5	1.85
43	**59**	**1.35**	31.50	"	"	3200	-	52	49.5	1.6
33	**77**	**1.1**	41.29	"	"	3500	-	39.5	64	1.35
28	**90**	**0.98**	48.60	"	"	3500	-	33.5	75	1.15
23.5	**106**	**0.86**	58.15	"	"	3500	-	28	89	1.0
63	**44.5**	**2.8**	21.61	**BS10-../D07LA4**	26	3000	-	75	37.5	3.3
52	**53**	**2.5**	26.42	"	"	3250	-	62	44	3.0
40.5	**66**	**2.0**	33.55	"	"	3550	-	48.5	55	2.5
34	**77**	**1.8**	39.96	"	"	3800	-	41	64	2.2
28.5	**92**	**1.6**	47.59	"	"	4050	-	34.5	76	1.9
24	**108**	**1.4**	57.12	"	"	4350	-	28.5	91	1.65
22.5	**105**	**1.45**	60.74	"	"	4550	-	27	87	1.7
19	**137**	**1.15**	71.96	"	"	5000	-	23	113	1.4
16.5	**158**	**0.95**	84.36	"	"	5300	-	19.5	134	1.1
13.5	**167**	**0.96**	103.4	"	"	5600	-	16	141	1.15
32.5	**82**	**3.3**	42.08	**BS20-../D07LA4**	36	5200	-	38.5	69	3.9
28	**94**	**2.9**	48.98	"	"	5500	-	33.5	79	3.4
27	**87**	**3.1**	50.44	"	"	5700	-	32.5	72	3.8
23	**115**	**2.4**	58.74	"	"	5900	-	28	94	3.0
19.5	**135**	**2.2**	70.30	"	"	6300	-	23.5	112	2.7
18	**129**	**2.1**	76.18	"	"	6600	-	21.5	108	2.5
15.5	**150**	**1.8**	88.67	"	"	7000	-	18.5	126	2.1
13	**179**	**1.5**	106.3	"	"	7600	-	15.5	150	1.8
11	**210**	**1.3**	127.3	"	"	8000	-	13	179	1.5
8.5	**270**	**1.0**	159.4	"	"	8000	-	10.5	220	1.25
7.4	**315**	**0.89**	183.0	"	"	8000	-	8.9	260	1.1
6.8	**330**	**0.85**	201.4	**BS20Z-../D07LA4**	38	8000	-	8.1	275	1.0
16.5	**164**	**2.5**	83.48	**BS30-../D07LA4**	54	6800	-	19.5	139	2.9
15	**162**	**3.0**	90.59	"	"	7700	-	18	135	3.6
13	**184**	**2.8**	106.2	"	"	8200	-	15.5	155	3.3
11	**215**	**2.4**	125.2	"	"	8700	-	13	184	2.8
9.0	**260**	**2.1**	151.1	"	"	9500	-	11	215	2.5
7.3	**315**	**1.7**	186.7	"	"	10000	-	8.7	265	2.0
6.3	**370**	**1.4**	216.4	"	"	10000	-	7.5	310	1.7
5.2	**445**	**1.25**	261.6	**BS30Z-../D07LA4**	56	10000	-	6.2	375	1.5
4.5	**510**	**1.15**	306.6	"	"	10000	-	5.3	430	1.35
3.5	**650**	**0.91**	390.2	"	"	10000	-	4.2	540	1.1
3.0	**750**	**0.8**	457.3	"	"	10000	-	3.6	620	0.97
6.9	**375**	**1.85**	197.1	**BS40Z-../D07LA4**	70	15000	-	8.3	315	2.2
5.5	**400**	**2.3**	249.6	"	"	15000	-	6.5	340	2.6
4.7	**550**	**1.3**	287.7	"	"	15000	-	5.7	455	1.55
4.5	**490**	**2.2**	302.1	"	"	15000	-	5.4	410	2.6
3.8	**580**	**1.85**	356.8	"	"	15000	-	4.6	480	2.3
3.1	**710**	**1.4**	446.8	"	"	15000	-	3.7	600	1.65
2.6	**850**	**1.3**	520.8	"	"	15000	-	3.2	690	1.6
2.3	**930**	**0.98**	612.1	"	"	15000	-	2.7	790	1.15

P = 0.55 kW

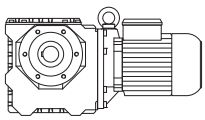


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
305	**15.1**	**2.6**	4.60	**BS03-../D08MA4**	10	1070	-	370	12.4	3.2
235	**19.6**	**2.2**	6.00	"	"	1170	-	280	16.5	2.7
175	**25.5**	**1.9**	8.00	"	"	1320	-	210	21.5	2.2
140	**31.5**	**1.65**	10.00	"	"	1450	-	168	26	2.0
104	**39**	**1.4**	13.50	"	"	1600	-	125	32.5	1.7
74	**53**	**1.05**	19.00	"	"	1950	-	89	44.5	1.25
56	**64**	**0.86**	25.00	"	"	1950	-	68	53	1.05
210	**20**	**2.8**	6.67	**BS06-../D08MA4**	16	1550	-	255	16.6	3.4
157	**27**	**2.3**	8.93	"	"	1710	-	189	22.5	2.8
131	**32**	**2.0**	10.73	"	"	1850	-	157	27	2.4
100	**42.5**	**1.6**	14.07	"	"	2200	-	120	35	1.95
85	**49**	**1.45**	16.56	"	"	2400	-	102	41	1.75
71	**59**	**1.25**	19.82	"	"	2500	-	85	49	1.55
58	**72**	**1.05**	24.25	"	"	2600	-	70	60	1.3
54	**71**	**1.1**	26.21	"	"	3000	-	65	58	1.35
44.5	**86**	**0.93**	31.50	"	"	3200	-	54	71	1.15
113	**37**	**2.9**	12.49	**BS10-../D08MA4**	27	2400	-	135	31	3.5
83	**50**	**2.4**	16.92	"	"	2700	-	100	42	2.9
65	**64**	**1.95**	21.61	"	"	3000	-	78	53	2.4
53	**77**	**1.7**	26.42	"	"	3250	-	64	64	2.0
46	**78**	**1.65**	30.63	"	"	3550	-	55	65	2.0
42	**95**	**1.4**	33.55	"	"	3550	-	51	78	1.75
35.5	**110**	**1.25**	39.96	"	"	3800	-	42.5	92	1.5
29.5	**133**	**1.1**	47.59	"	"	4050	-	35.5	110	1.3
25	**155**	**0.97**	57.12	"	"	4350	-	29.5	131	1.15
23.5	**149**	**1.0**	60.74	"	"	4550	-	28	125	1.2
19.5	**199**	**0.8**	71.96	"	"	5000	-	23.5	165	0.97
51	**80**	**3.1**	27.86	**BS20-../D08MA4**	37	4450	-	61	67	3.7
46	**82**	**3.0**	30.63	"	"	4750	-	55	68	3.7
43	**94**	**2.9**	32.87	"	"	4750	-	52	77	3.5
35	**108**	**2.4**	40.25	"	"	5300	-	42	90	2.9
33.5	**119**	**2.3**	42.08	"	"	5200	-	40	99	2.7
29	**135**	**2.0**	48.98	"	"	5500	-	34.5	114	2.4
28	**125**	**2.2**	50.44	"	"	5700	-	33.5	105	2.6
24	**164**	**1.7**	58.74	"	"	5900	-	29	135	2.1
20	**196**	**1.55**	70.30	"	"	6300	-	24	164	1.85
18.5	**187**	**1.45**	76.18	"	"	6600	-	22.5	154	1.75
16	**215**	**1.25**	88.67	"	"	7000	-	19	182	1.5
13.5	**255**	**1.05**	106.3	"	"	7600	-	16	215	1.25
11	**315**	**0.86**	127.3	"	"	8000	-	13.5	255	1.05
28	**144**	**3.1**	50.04	**BS30-../D08MA4**	55	5900	-	34	118	3.8
24	**168**	**2.7**	58.64	"	"	6900	-	29	139	3.3
20	**183**	**2.6**	71.17	"	"	7000	-	24	153	3.1
17	**235**	**1.75**	83.48	"	"	6800	-	20.5	197	2.1
15.5	**230**	**2.1**	90.59	"	"	7700	-	19	190	2.6
13.5	**260**	**1.95**	106.2	"	"	8200	-	16	220	2.3
11.5	**310**	**1.7**	125.2	"	"	8700	-	13.5	260	2.0
9.3	**375**	**1.45**	151.1	"	"	9500	-	11.5	305	1.75
7.5	**460**	**1.2**	186.7	"	"	10000	-	9.0	385	1.4
6.5	**530**	**0.98**	216.4	"	"	10000	-	7.8	440	1.2
5.4	**640**	**0.88**	261.6	**BS30Z-../D08MA4**	58	10000	-	6.5	530	1.05
11.5	**305**	**3.2**	126.0	**BS40-../D08MA4**	68	14900	-	13.5	260	3.8
9.5	**355**	**2.7**	148.1	"	"	15000	-	11.5	295	3.3
7.9	**430**	**1.9**	178.2	"	"	15000	-	9.5	355	2.3
6.4	**510**	**1.55**	219.7	"	"	15000	-	7.7	425	1.85
5.7	**580**	**1.55**	249.6	**BS40Z-../D08MA4**	71	15000	-	6.8	485	1.85
4.9	**790**	**0.91**	287.7	"	"	15000	-	5.9	650	1.1
4.7	**700**	**1.55**	302.1	"	"	15000	-	5.6	590	1.8
4.0	**820**	**1.3**	356.8	"	"	15000	-	4.8	680	1.6
3.2	**1030**	**0.96**	446.8	"	"	15000	-	3.8	870	1.15
2.7	**1220**	**0.9**	520.8	"	"	15000	-	3.3	1000	1.1

Schnecken-Getriebemotoren Reihe BS

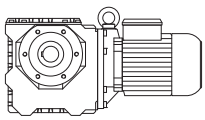
Auswahl - Schneckengetriebemotoren DSE - IE1

P = 0.75 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
305	**20.5**	**1.95**	4.60	**BS03-../DSE08LA4**	12	1070	-	370	17	2.4
235	**26.5**	**1.65**	6.00	"	"	1170	-	280	22.5	1.95
175	**35**	**1.35**	8.00	"	"	1320	-	210	29	1.65
140	**42.5**	**1.2**	10.00	"	"	1450	-	168	35.5	1.45
104	**53**	**1.05**	13.50	"	"	1600	-	125	44.5	1.25
210	**27.5**	**2.0**	6.67	**BS06-../DSE08LA4**	17	1550	-	255	22.5	2.5
157	**36.5**	**1.7**	8.93	"	"	1710	-	189	30.5	2.0
131	**44**	**1.5**	10.73	"	"	1850	-	157	36.5	1.8
100	**58**	**1.15**	14.07	"	"	2200	-	120	48	1.4
85	**67**	**1.05**	16.56	"	"	2400	-	102	56	1.3
71	**80**	**0.94**	19.82	"	"	2500	-	85	67	1.1
54	**96**	**0.8**	26.21	"	"	3000	-	65	80	0.96
113	**50**	**2.2**	12.49	**BS10-../DSE08LA4**	28	2400	-	135	42	2.6
83	**69**	**1.75**	16.92	"	"	2700	-	100	57	2.1
65	**88**	**1.4**	21.61	"	"	3000	-	78	73	1.7
53	**105**	**1.25**	26.42	"	"	3250	-	64	87	1.5
46	**107**	**1.2**	30.63	"	"	3550	-	55	89	1.45
42	**129**	**1.05**	33.55	"	"	3550	-	51	106	1.25
35.5	**151**	**0.93**	39.96	"	"	3800	-	42.5	126	1.1
29.5	**182**	**0.8**	47.59	"	"	4050	-	35.5	151	0.96
83	**69**	**3.2**	16.92	**BS20-../DSE08LA4**	39	3700	-	100	58	3.8
63	**92**	**2.5**	22.23	"	"	4100	-	76	76	3.0
51	**109**	**2.3**	27.86	"	"	4450	-	61	91	2.7
46	**112**	**2.2**	30.63	"	"	4750	-	55	93	2.7
43	**128**	**2.1**	32.87	"	"	4750	-	52	106	2.5
35	**147**	**1.75**	40.25	"	"	5300	-	42	122	2.1
33.5	**162**	**1.65**	42.08	"	"	5200	-	40	136	2.0
29	**185**	**1.45**	48.98	"	"	5500	-	34.5	155	1.75
28	**171**	**1.6**	50.44	"	"	5700	-	33.5	143	1.9
24	**220**	**1.25**	58.74	"	"	5900	-	29	185	1.5
20	**265**	**1.15**	70.30	"	"	6300	-	24	220	1.35
18.5	**255**	**1.05**	76.18	"	"	6600	-	22.5	210	1.3
16	**295**	**0.92**	88.67	"	"	7000	-	19	245	1.1
42	**139**	**3.0**	33.55	**BS30-../DSE08LA4**	56	5200	-	51	115	3.7
37	**145**	**2.9**	37.92	"	"	5500	-	44.5	120	3.5
36	**161**	**2.7**	39.31	"	"	5500	-	43	134	3.2
28	**196**	**2.3**	50.04	"	"	5900	-	34	162	2.8
24	**225**	**2.0**	58.64	"	"	6900	-	29	190	2.4
20	**250**	**1.9**	71.17	"	"	7000	-	24	205	2.3
17	**320**	**1.3**	83.48	"	"	6800	-	20.5	265	1.55
15.5	**315**	**1.55**	90.59	"	"	7700	-	19	260	1.9
13.5	**360**	**1.4**	106.2	"	"	8200	-	16	300	1.7
11.5	**420**	**1.25**	125.2	"	"	8700	-	13.5	360	1.45
9.3	**510**	**1.05**	151.1	"	"	9500	-	11.5	415	1.3
7.5	**630**	**0.86**	186.7	"	"	10000	-	9.0	520	1.05
20.5	**265**	**2.8**	69.60	**BS40-../DSE08LA4**	69	11800	-	24.5	225	3.3
16.5	**295**	**3.1**	86.33	"	"	12900	-	19.5	250	3.6
13	**365**	**2.6**	108.1	"	"	14000	-	16	295	3.2
11.5	**415**	**2.4**	126.0	"	"	14900	-	13.5	355	2.8
9.5	**490**	**2.0**	148.1	"	"	15000	-	11.5	400	2.4
7.9	**580**	**1.4**	178.2	"	"	15000	-	9.5	490	1.65
6.4	**700**	**1.15**	219.7	"	"	15000	-	7.7	580	1.35
5.7	**790**	**1.15**	249.6	**BS40Z-../DSE08LA4**	73	15000	-	6.8	660	1.35
4.7	**960**	**1.1**	302.1	"	"	15000	-	5.6	800	1.35
4.0	**1120**	**0.96**	356.8	"	"	15000	-	4.8	940	1.15

P = 1.1 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
305	**30**	**1.35**	4.60	**BS03-../DSE08XA4**	13	1070	-	370	24.5	1.65
235	**39**	**1.15**	6.00	"	"	1170	-	280	33	1.35
175	**51**	**0.94**	8.00	"	"	1320	-	210	43	1.1
140	**63**	**0.83**	10.00	"	"	1450	-	168	52	1.0
210	**40.5**	**1.4**	6.67	**BS06-../DSE08XA4**	18	1550	-	255	33	1.7
157	**54**	**1.15**	8.93	"	"	1710	-	189	45	1.4
131	**64**	**1.0**	10.73	"	"	1850	-	157	54	1.2
100	**85**	**0.8**	14.07	"	"	2200	-	120	70	0.97
113	**74**	**1.45**	12.49	**BS10-../DSE08XA4**	30	2400	-	135	62	1.75
83	**101**	**1.2**	16.92	"	"	2700	-	100	84	1.45
65	**129**	**0.97**	21.61	"	"	3000	-	78	107	1.15
53	**154**	**0.84**	26.42	"	"	3250	-	64	128	1.0
46	**157**	**0.83**	30.63	"	"	3550	-	55	131	0.99
110	**77**	**2.6**	12.77	**BS20-../DSE08XA4**	40	3350	-	132	64	3.1
83	**102**	**2.2**	16.92	"	"	3700	-	100	85	2.6
63	**135**	**1.7**	22.23	"	"	4100	-	76	111	2.1
51	**160**	**1.55**	27.86	"	"	4450	-	61	134	1.85
46	**164**	**1.5**	30.63	"	"	4750	-	55	137	1.8
43	**188**	**1.45**	32.87	"	"	4750	-	52	155	1.75
35	**215**	**1.2**	40.25	"	"	5300	-	42	180	1.45
33.5	**235**	**1.15**	42.08	"	"	5200	-	40	199	1.35
29	**270**	**1.0**	48.98	"	"	5500	-	34.5	225	1.2
28	**250**	**1.1**	50.44	"	"	5700	-	33.5	210	1.3
24	**325**	**0.86**	58.74	"	"	5900	-	29	270	1.05
67	**130**	**2.9**	20.94	**BS30-../DSE08XA4**	57	4300	-	81	107	3.6
52	**167**	**2.4**	27.07	"	"	4750	-	63	138	2.9
46	**171**	**2.3**	30.63	"	"	5000	-	55	143	2.8
42	**205**	**2.0**	33.55	"	"	5200	-	51	168	2.5
37	**210**	**2.0**	37.92	"	"	5500	-	44.5	177	2.4
36	**235**	**1.85**	39.31	"	"	5500	-	43	197	2.2
28	**285**	**1.6**	50.04	"	"	5900	-	34	235	1.9
24	**335**	**1.35**	58.64	"	"	6900	-	29	275	1.65
20	**365**	**1.3**	71.17	"	"	7000	-	24	305	1.55
17	**475**	**0.86**	83.48	"	"	6800	-	20.5	390	1.05
15.5	**465**	**1.05**	90.59	"	"	7700	-	19	380	1.3
13.5	**520**	**0.98**	106.2	"	"	8200	-	16	445	1.15
11.5	**620**	**0.84**	125.2	"	"	8700	-	13.5	520	1.0
29.5	**275**	**3.0**	47.69	**BS40-../DSE08XA4**	70	9600	-	35.5	230	3.6
23.5	**315**	**2.7**	60.38	"	"	11200	-	28	265	3.2
20.5	**390**	**1.9**	69.60	"	"	11800	-	24.5	330	2.3
19.5	**375**	**2.3**	73.09	"	"	12100	-	23	315	2.8
16.5	**435**	**2.1**	86.33	"	"	12900	-	19.5	370	2.4
13	**540**	**1.75**	108.1	"	"	14000	-	16	435	2.2
11.5	**610**	**1.6**	126.0	"	"	14900	-	13.5	520	1.9
9.5	**710**	**1.35**	148.1	"	"	15000	-	11.5	590	1.65
7.9	**860**	**0.95**	178.2	"	"	15000	-	9.5	710	1.15

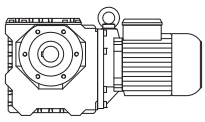
P = 1.5 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
114	**100**	**1.1**	12.49	**BS10-../DSE09LA4**	36	2400	-	137	83	1.3
84	**136**	**0.88**	16.92	"	"	2700	-	102	112	1.05
112	**103**	**1.95**	12.77	**BS20-../DSE09LA4**	46	3350	-	134	86	2.3
84	**138**	**1.6**	16.92	"	"	3700	-	102	113	1.95
64	**181**	**1.25**	22.23	"	"	4100	-	77	150	1.55
51	**215**	**1.15**	27.86	"	"	4450	-	62	180	1.4
46.5	**220**	**1.15**	30.63	"	"	4750	-	56	184	1.35
43.5	**250**	**1.1**	32.87	"	"	4750	-	53	205	1.3

Schnecken-Getriebemotoren Reihe BS

Auswahl - Schneckengetriebemotoren DSE - IE1

P = 1.5 kW



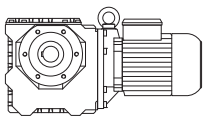
50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
35.5	**290**	**0.9**	40.25	**BS20-../DSE09LA4**	"	5300	-	42.5	240	1.1
34	**320**	**0.84**	42.08	"	"	5200	-	41	265	1.0
28.5	**335**	**0.81**	50.44	"	"	5700	-	34	280	0.96
107	**111**	**3.0**	13.29	**BS30-../DSE09LA4**	64	3600	-	129	92	3.6
84	**141**	**2.6**	16.92	"	"	3950	-	102	116	3.1
68	**174**	**2.2**	20.94	"	"	4300	-	82	144	2.6
53	**220**	**1.8**	27.07	"	"	4750	-	64	185	2.2
46.5	**230**	**1.75**	30.63	"	"	5000	-	56	191	2.1
42.5	**275**	**1.55**	33.55	"	"	5200	-	51	230	1.85
37.5	**285**	**1.45**	37.92	"	"	5500	-	45.5	235	1.8
36.5	**315**	**1.35**	39.31	"	"	5500	-	44	260	1.65
28.5	**385**	**1.15**	50.04	"	"	5900	-	34.5	315	1.45
24.5	**450**	**1.0**	58.64	"	"	6900	-	29.5	370	1.25
20	**500**	**0.96**	71.17	"	"	7000	-	24.5	405	1.2
16	**610**	**0.8**	90.59	"	"	7700	-	19	520	0.94
46.5	**225**	**3.3**	30.63	**BS40-../DSE09LA4**	77	8700	-	56	189	4.0
43	**265**	**2.9**	33.35	"	"	8300	-	52	220	3.5
37.5	**275**	**2.8**	38.13	"	"	9400	-	45	230	3.4
35.5	**315**	**2.5**	40.37	"	"	9000	-	42.5	265	3.0
30	**370**	**2.2**	47.69	"	"	9600	-	36	310	2.7
24	**420**	**2.0**	60.38	"	"	11200	-	28.5	355	2.4
20.5	**530**	**1.4**	69.60	"	"	11800	-	25	440	1.7
19.5	**510**	**1.75**	73.09	"	"	12100	-	23.5	425	2.1
16.5	**590**	**1.55**	86.33	"	"	12900	-	20	490	1.85
13.5	**710**	**1.35**	108.1	"	"	14000	-	16	590	1.6
11.5	**830**	**1.2**	126.0	"	"	14900	-	14	680	1.45
9.6	**960**	**1.0**	148.1	"	"	15000	-	12	770	1.25

9

P = 2.2 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
112	**151**	**1.3**	12.77	**BS20-../DSE09XA4**	50	3350	-	134	127	1.55
84	**200**	**1.1**	16.92	"	"	3700	-	102	166	1.35
64	**265**	**0.87**	22.23	"	"	4100	-	77	220	1.05
107	**162**	**2.0**	13.29	**BS30-../DSE09XA4**	68	3600	-	129	135	2.5
84	**205**	**1.75**	16.92	"	"	3950	-	102	170	2.1
68	**255**	**1.5**	20.94	"	"	4300	-	82	210	1.8
53	**325**	**1.25**	27.07	"	"	4750	-	64	270	1.5
46.5	**335**	**1.2**	30.63	"	"	5000	-	56	280	1.45
42.5	**405**	**1.05**	33.55	"	"	5200	-	51	335	1.25
37.5	**420**	**1.0**	37.92	"	"	5500	-	45.5	345	1.2
36.5	**465**	**0.92**	39.31	"	"	5500	-	44	385	1.1
28.5	**560**	**0.8**	50.04	"	"	5900	-	34.5	465	0.97
84	**210**	**3.2**	16.92	**BS40-../DSE09XA4**	81	6400	-	102	175	3.8
68	**250**	**2.8**	21.06	"	"	6900	-	82	210	3.4
55	**310**	**2.4**	26.18	"	"	7500	-	66	260	2.8
46.5	**330**	**2.3**	30.63	"	"	8700	-	56	275	2.7
43	**390**	**2.0**	33.35	"	"	8300	-	52	320	2.4
37.5	**405**	**1.95**	38.13	"	"	9400	-	45	340	2.3
35.5	**465**	**1.7**	40.37	"	"	9000	-	42.5	390	2.1
30	**540**	**1.55**	47.69	"	"	9600	-	36	455	1.8
24	**620**	**1.4**	60.38	"	"	11200	-	28.5	520	1.65
20.5	**780**	**0.95**	69.60	"	"	11800	-	25	640	1.15
19.5	**750**	**1.15**	73.09	"	"	12100	-	23.5	620	1.4
16.5	**870**	**1.05**	86.33	"	"	12900	-	20	720	1.25
13.5	**1040**	**0.91**	108.1	"	"	14000	-	16	870	1.1
11.5	**1220**	**0.8**	126.0	"	"	14900	-	14	1000	0.98

P = 3 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
107	**220**	**1.5**	13.29	**BS30-../DSE11SA4**	71	3600	-	129	184	1.8
84	**280**	**1.3**	16.92	"	"	3950	-	102	230	1.55
68	**345**	**1.1**	20.94	"	"	4300	-	82	285	1.35
53	**445**	**0.9**	27.07	"	"	4750	-	64	370	1.1
46.5	**460**	**0.87**	30.63	"	"	5000	-	56	380	1.05
109	**220**	**2.8**	13.03	**BS40-../DSE11SA4**	89	5800	-	132	184	3.3
84	**285**	**2.4**	16.92	"	"	6400	-	102	235	2.9
68	**345**	**2.1**	21.06	"	"	6900	-	82	285	2.5
55	**425**	**1.75**	26.18	"	"	7500	-	66	355	2.1
46.5	**455**	**1.65**	30.63	"	"	8700	-	56	375	2.0
43	**530**	**1.45**	33.35	"	"	8300	-	52	440	1.75
37.5	**550**	**1.4**	38.13	"	"	9400	-	45	460	1.7
35.5	**630**	**1.25**	40.37	"	"	9000	-	42.5	530	1.5
30	**740**	**1.1**	47.69	"	"	9600	-	36	620	1.35
24	**840**	**1.0**	60.38	"	"	11200	-	28.5	710	1.2
19.5	**1020**	**0.86**	73.09	"	"	12100	-	23.5	850	1.05

P = 4 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
107	**295**	**1.15**	13.29	**BS30-../DSE11MA4**	77	3600	-	129	245	1.35
84	**375**	**0.96**	16.92	"	"	3950	-	102	310	1.15
68	**465**	**0.82**	20.94	"	"	4300	-	82	385	0.99
109	**295**	**2.1**	13.03	**BS40-../DSE11MA4**	95	5800	-	132	245	2.5
84	**385**	**1.75**	16.92	"	"	6400	-	102	315	2.1
68	**460**	**1.55**	21.06	"	"	6900	-	82	380	1.85
55	**560**	**1.3**	26.18	"	"	7500	-	66	470	1.55
46.5	**600**	**1.25**	30.63	"	"	8700	-	56	500	1.5
43	**710**	**1.1**	33.35	"	"	8300	-	52	580	1.35
37.5	**740**	**1.05**	38.13	"	"	9400	-	45	610	1.3
35.5	**850**	**0.94**	40.37	"	"	9000	-	42.5	710	1.15
30	**990**	**0.84**	47.69	"	"	9600	-	36	820	1.0

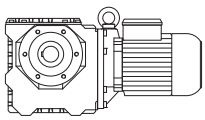
P = 5.5 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
107	**405**	**0.82**	13.29	**BS30-../DSE11LA4**	89	3600	-	129	335	0.99
109	**405**	**1.5**	13.03	**BS40-../DSE11LA4**	107	5800	-	132	335	1.85
84	**530**	**1.25**	16.92	"	"	6400	-	102	435	1.55
68	**630**	**1.15**	21.06	"	"	6900	-	82	520	1.35
55	**780**	**0.95**	26.18	"	"	7500	-	66	650	1.15
46.5	**830**	**0.9**	30.63	"	"	8700	-	56	690	1.1
43	**970**	**0.8**	33.35	"	"	8300	-	52	800	0.98

Schnecken-Getriebemotoren Reihe BS

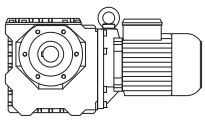
Auswahl - Schneckengetriebemotoren DHE - IE2

P = 0.03 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
75	**2.8**	**8.9**	18.00	**BS02-../D04LA4**	3.5	1250	-	90	2.35	11
62	**3.2**	**7.8**	22.00	"	"	1250	-	74	2.7	9.3
50	**3.6**	**6.9**	27.00	"	"	1250	-	60	3.0	8.3
41	**4.15**	**6.0**	33.00	"	"	1250	-	49.5	3.45	7.2
31.5	**5.6**	**4.3**	43.00	"	"	1250	-	38	4.65	5.2
25	**6.5**	**3.4**	54.00	"	"	1250	-	30	5.4	4.1
19.5	**7.4**	**2.7**	70.00	"	"	1250	-	23.5	6.2	3.2
14.5	**11.6**	**3.3**	93.92	**BS04-../D04LA4**	3.9	2250	-	17.5	9.6	4.0
13.5	**13.5**	**2.8**	102.9	"	"	2250	-	16	11.4	3.3
12	**13.6**	**2.8**	117.0	"	"	2250	-	14	11.6	3.3
11	**16.4**	**2.5**	123.0	"	"	2250	-	13.5	13.3	3.1
9.8	**18.1**	**2.3**	138.4	"	"	2250	-	12	14.8	2.8
9.0	**17.5**	**2.2**	150.3	"	"	2250	-	11	14.3	2.7
8.5	**20.5**	**1.8**	160.1	"	"	2250	-	10.5	16.6	2.2
7.8	**19.8**	**2.0**	174.0	"	"	2250	-	9.4	16.4	2.4
6.2	**24**	**1.65**	220.0	"	"	2250	-	7.4	20.5	1.95
5.4	**27.5**	**1.5**	251.6	"	"	2250	-	6.5	22.5	1.8
4.5	**32**	**1.35**	300.7	"	"	2250	-	5.4	27	1.6
4.0	**35.5**	**1.25**	338.3	"	"	2250	-	4.8	29.5	1.5
3.5	**40**	**1.15**	391.3	"	"	2250	-	4.2	33	1.35
5.4	**30.5**	**3.2**	252.0	**BS06-../D04LA4**	8.4	3500	-	6.5	25.5	3.9
4.3	**37.5**	**2.8**	315.3	"	"	3500	-	5.2	31	3.4
3.8	**42**	**2.6**	358.9	"	"	3500	-	4.6	34.5	3.2
3.3	**47.5**	**2.3**	418.0	"	"	3500	-	3.9	40	2.8
2.9	**70**	**1.35**	474.8	**BS06G04-../D04LA4**	11	3500	-	3.5	58	1.6
2.5	**79**	**1.25**	552.6	"	"	3500	-	3.0	65	1.55
2.3	**88**	**1.05**	610.7	"	"	3500	-	2.7	75	1.25
2.0	**101**	**0.93**	704.7	"	"	3500	-	2.3	88	1.05
1.6	**94***	**1.0**	847.0	"	"	3500	-	2.0	94	1.0
1.5	**94***	**1.0**	939.6	"	"	3500	-	1.8	94	1.0
1.2	**94***	**1.0**	1170	"	"	3500	-	1.4	94	1.0
0.9	**94***	**1.0**	1503	"	"	3500	-	1.1	94	1.0
0.85	**94***	**1.0**	1654	"	"	3500	-	1.0	94	1.0
0.75	**94***	**1.0**	1914	"	"	3500	-	0.85	94	1.0
0.65	**94***	**1.0**	2200	"	"	3500	-	0.75	94	1.0
0.49	**94***	**1.0**	2768	"	"	3500	-	0.6	94	1.0
0.45	**94***	**1.0**	3007	"	"	3500	-	0.55	94	1.0
0.41	**94***	**1.0**	3308	"	"	3500	-	0.49	94	1.0
0.37	**94***	**1.0**	3721	"	"	3500	-	0.44	94	1.0
0.32	**94***	**1.0**	4304	"	"	3500	-	0.38	94	1.0
0.28	**98***	**1.0**	4947	"	"	3500	-	0.33	98	1.0
0.25	**98***	**1.0**	5442	"	"	3500	-	0.3	98	1.0
0.22	**100***	**1.0**	6234	"	"	3500	-	0.26	100	1.0
2.5	**67**	**2.8**	544.8	**BS10Z-../D04LA4**	21	6000	-	3.0	56	3.4
2.2	**72**	**2.6**	638.7	"	"	6000	-	2.6	61	3.1
1.8	**85**	**2.1**	788.7	"	"	6000	-	2.1	73	2.5
1.5	**101**	**1.55**	905.6	"	"	6000	-	1.8	84	1.9
1.4	**130**	**1.25**	969.9	**BS10G06-../D04LA4**	25	6000	-	1.7	107	1.5
1.2	**152**	**1.05**	1166	"	"	6000	-	1.4	130	1.25
1.1	**166**	**0.96**	1342	"	"	6000	-	1.3	141	1.15
0.9	**160***	**1.0**	1528	"	"	6000	-	1.1	160	1.0
0.85	**160***	**1.0**	1668	"	"	6000	-	1.0	160	1.0
0.7	**160***	**1.0**	1963	"	"	6000	-	0.85	160	1.0
0.6	**160***	**1.0**	2348	"	"	6000	-	0.7	160	1.0
0.55	**160***	**1.0**	2635	"	"	6000	-	0.65	160	1.0
0.47	**160***	**1.0**	2875	"	"	6000	-	0.6	160	1.0
0.41	**160***	**1.0**	3332	"	"	6000	-	0.49	160	1.0
0.38	**160***	**1.0**	3635	"	"	6000	-	0.45	160	1.0
0.33	**160***	**1.0**	4163	"	"	6000	-	0.39	160	1.0
0.29	**160***	**1.0**	4776	"	"	6000	-	0.34	160	1.0
0.26	**160***	**1.0**	5209	"	"	6000	-	0.32	160	1.0
0.23	**164***	**1.0**	6019	"	"	6000	-	0.27	164	1.0
0.21	**164***	**1.0**	6565	"	"	6000	-	0.25	164	1.0

P = 0.03 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
0.19	**164***	**1.0**	7471	**BS10G06-../D04LA4**	"	6000	-	0.22	164	1.0
0.16	**164***	**1.0**	8703	"	"	6000	-	0.19	164	1.0
1.7	**111**	**2.4**	831.7	**BS20G06-../D04LA4**	35	8000	-	2.0	94	2.9
1.4	**135**	**2.0**	1000	"	"	8000	-	1.7	111	2.4
1.1	**171**	**1.6**	1311	"	"	8000	-	1.3	145	1.85
0.9	**210**	**1.3**	1543	"	"	8000	-	1.1	171	1.6
0.85	**220**	**1.25**	1683	"	"	8000	-	1.0	189	1.45
0.7	**270***	**1.0**	2014	"	"	8000	-	0.85	270	1.0
0.55	**270***	**1.0**	2465	"	"	8000	-	0.7	270	1.0
0.48	**270***	**1.0**	2857	"	"	8000	-	0.6	270	1.0
0.44	**270***	**1.0**	3117	"	"	8000	-	0.55	270	1.0
0.38	**270***	**1.0**	3570	"	"	8000	-	0.46	270	1.0
0.33	**270***	**1.0**	4096	"	"	8000	-	0.4	270	1.0
0.28	**270***	**1.0**	4910	"	"	8000	-	0.33	270	1.0
0.23	**270***	**1.0**	5880	"	"	8000	-	0.28	270	1.0
0.19	**275***	**1.0**	7363	"	"	8000	-	0.23	275	1.0
0.17	**275***	**1.0**	8031	"	"	8000	-	0.21	275	1.0
0.15	**280***	**1.0**	9220	"	"	8000	-	0.18	280	1.0
1.2	**164**	**3.0**	1176	**BS30G06-../D04LA4**	53	10000	-	1.4	141	3.5
0.95	**205**	**2.4**	1461	"	"	10000	-	1.2	164	3.0
0.9	**215**	**2.3**	1576	"	"	10000	-	1.1	179	2.7
0.75	**260**	**1.9**	1886	"	"	10000	-	0.9	215	2.3
0.6	**325**	**1.5**	2308	"	"	10000	-	0.75	260	1.9
0.55	**355**	**1.4**	2518	"	"	10000	-	0.65	300	1.65
0.47	**420**	**1.15**	2919	"	"	10000	-	0.6	325	1.5
0.41	**480**	**1.0**	3344	"	"	10000	-	0.49	400	1.25
0.38	**490***	**1.0**	3647	"	"	10000	-	0.45	490	1.0
0.33	**490***	**1.0**	4184	"	"	10000	-	0.39	490	1.0
0.28	**510***	**1.0**	4905	"	"	10000	-	0.34	510	1.0
0.24	**520***	**1.0**	5783	"	"	10000	-	0.29	520	1.0
0.22	**520***	**1.0**	6308	"	"	10000	-	0.26	520	1.0
0.19	**520***	**1.0**	7179	"	"	10000	-	0.23	520	1.0
0.17	**520***	**1.0**	8362	"	"	10000	-	0.2	520	1.0

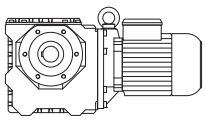
P = 0.04 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
127	**2.45**	**10**	10.67	**BS02-../D04LA4**	3.5	1250	-	152	2.05	12
100	**2.95**	**8.5**	13.50	"	"	1250	-	120	2.45	10
75	**3.75**	**6.7**	18.00	"	"	1250	-	90	3.1	8.1
62	**4.3**	**5.8**	22.00	"	"	1250	-	74	3.6	6.9
50	**4.8**	**5.2**	27.00	"	"	1250	-	60	4.0	6.3
41	**5.5**	**4.5**	33.00	"	"	1250	-	49.5	4.6	5.4
31.5	**7.5**	**3.2**	43.00	"	"	1250	-	38	6.2	3.9
25	**8.7**	**2.5**	54.00	"	"	1250	-	30	7.2	3.1
19.5	**9.9**	**2.0**	70.00	"	"	1250	-	23.5	8.2	2.4
21.5	**11.1**	**3.2**	64.06	**BS04-../D04LA4**	3.9	2250	-	25.5	9.4	3.8
19	**13.2**	**2.9**	71.18	"	"	2250	-	23	10.9	3.5
18	**12.9**	**2.9**	77.00	"	"	2250	-	21.5	10.8	3.5
14.5	**15.5**	**2.5**	93.92	"	"	2250	-	17.5	12.8	3.0
13.5	**18.1**	**2.1**	102.9	"	"	2250	-	16	15.2	2.5
12	**18.1**	**2.1**	117.0	"	"	2250	-	14	15.5	2.5
11	**21.5**	**1.9**	123.0	"	"	2250	-	13.5	17.8	2.3
9.8	**24**	**1.75**	138.4	"	"	2250	-	12	19.7	2.1
9.0	**23**	**1.7**	150.3	"	"	2250	-	11	19.1	2.0
8.5	**27**	**1.35**	160.1	"	"	2250	-	10.5	22	1.7
7.8	**26**	**1.55**	174.0	"	"	2250	-	9.4	21.5	1.85
6.2	**32.5**	**1.25**	220.0	"	"	2250	-	7.4	27	1.5
5.4	**36.5**	**1.1**	251.6	"	"	2250	-	6.5	30.5	1.35
4.5	**43**	**1.0**	300.7	"	"	2250	-	5.4	36	1.2

Schnecken-Getriebemotoren Reihe BS

Auswahl - Schneckengetriebemotoren DHE - IE2

P = 0.04 kW

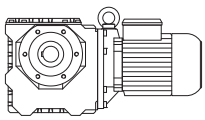


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
4.0	**47.5**	**0.93**	338.3	**BS04-../D04LA4**	"	2250	-	4.8	39.5	1.1
3.5	**53**	**0.85**	391.3	"	"	2250	-	4.2	44.5	1.0
7.9	**30.5**	**2.9**	171.0	**BS06-../D04LA4**	8.4	3500	-	9.5	25.5	3.5
6.2	**36**	**2.7**	220.0	"	"	3500	-	7.4	30	3.3
5.4	**41**	**2.4**	252.0	"	"	3500	-	6.5	34	2.9
4.3	**50**	**2.1**	315.3	"	"	3500	-	5.2	41.5	2.6
3.8	**56**	**1.95**	358.9	"	"	3500	-	4.6	46.5	2.4
3.3	**63**	**1.75**	418.0	"	"	3500	-	3.9	53	2.1
2.9	**93**	**1.0**	474.8	**BS06G04-../D04LA4**	11	3500	-	3.5	77	1.2
2.5	**105**	**0.95**	552.6	"	"	3500	-	3.0	87	1.15
2.3	**117**	**0.8**	610.7	"	"	3500	-	2.7	100	0.94
3.8	**62**	**3.1**	360.3	**BS10Z-../D04LA4**	21	6000	-	4.5	52	3.7
3.2	**72**	**2.6**	432.4	"	"	6000	-	3.8	61	3.1
2.5	**90**	**2.1**	544.8	"	"	6000	-	3.0	75	2.5
2.2	**97**	**1.95**	638.7	"	"	6000	-	2.6	82	2.3
1.8	**114**	**1.6**	788.7	"	"	6000	-	2.1	98	1.85
1.5	**134**	**1.2**	905.6	"	"	6000	-	1.8	112	1.4
1.4	**174**	**0.92**	969.9	**BS10G06-../D04LA4**	25	6000	-	1.7	143	1.1
1.2	**200**	**0.8**	1166	"	"	6000	-	1.4	174	0.92
1.8	**114**	**2.7**	763.4	**BS20Z-../D04LA4**	32	8000	-	2.2	93	3.3
1.7	**148**	**1.8**	831.7	**BS20G06-../D04LA4**	35	8000	-	2.0	126	2.1
1.4	**180**	**1.5**	1000	"	"	8000	-	1.7	148	1.8
1.1	**225**	**1.2**	1311	"	"	8000	-	1.3	193	1.4
1.4	**188**	**2.6**	1022	**BS30G06-../D04LA4**	53	10000	-	1.6	164	3.0
1.2	**215**	**2.3**	1176	"	"	10000	-	1.4	188	2.6
0.95	**275**	**1.8**	1461	"	"	10000	-	1.2	215	2.3
0.9	**290**	**1.7**	1576	"	"	10000	-	1.1	235	2.1
0.75	**350**	**1.4**	1886	"	"	10000	-	0.9	290	1.7
0.6	**435**	**1.15**	2308	"	"	10000	-	0.75	350	1.4
0.55	**475**	**1.05**	2518	"	"	10000	-	0.65	405	1.2

P = 0.06 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**1.7**	**8.8**	4.60	**BS02-../D04LA4**	3.5	1000	-	355	1.42	11
250	**2.0**	**10**	5.40	"	"	1000	-	300	1.68	12
200	**2.45**	**10**	6.75	"	"	1000	-	240	2.05	12
164	**2.9**	**8.6**	8.25	"	"	1100	-	197	2.4	10
127	**3.65**	**6.8**	10.67	"	"	1250	-	152	3.05	8.2
100	**4.45**	**5.6**	13.50	"	"	1250	-	120	3.7	6.8
75	**5.6**	**4.5**	18.00	"	"	1250	-	90	4.7	5.3
62	**6.4**	**3.9**	22.00	"	"	1250	-	74	5.4	4.6
50	**7.2**	**3.5**	27.00	"	"	1250	-	60	6.0	4.2
41	**8.3**	**3.0**	33.00	"	"	1250	-	49.5	6.9	3.6
31.5	**11.2**	**2.1**	43.00	"	"	1250	-	38	9.3	2.6
25	**13**	**1.7**	54.00	"	"	1250	-	30	10.8	2.0
19.5	**14.9**	**1.35**	70.00	"	"	1250	-	23.5	12.4	1.6
18	**16.2**	**2.5**	75.00	**BS03-../D05LA4**	5.4	1950	-	22	13.2	3.0
35.5	**11.1**	**3.3**	38.42	**BS04-../D04LA4**	3.9	2250	-	42.5	9.3	4.0
28.5	**13.6**	**2.8**	47.86	"	"	2250	-	34	11.4	3.3
21.5	**16.7**	**2.2**	64.06	"	"	2250	-	25.5	14.1	2.6
19	**19.9**	**1.9**	71.18	"	"	2250	-	23	16.4	2.3
18	**19.4**	**1.95**	77.00	"	"	2250	-	21.5	16.2	2.3
14.5	**23**	**1.65**	93.92	"	"	2250	-	17.5	19.3	1.95
13.5	**27**	**1.4**	102.9	"	"	2250	-	16	22.5	1.7
12	**27**	**1.4**	117.0	"	"	2250	-	14	23	1.65
11	**32.5**	**1.25**	123.0	"	"	2250	-	13.5	26.5	1.55

P = 0.06 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
9.8	**36**	**1.15**	138.4	**BS04-../D04LA4**	"	2250	-	12	29.5	1.4
9.0	**35**	**1.1**	150.3	"	"	2250	-	11	28.5	1.35
8.5	**41**	**0.9**	160.1	"	"	2250	-	10.5	33	1.1
7.8	**39.5**	**1.0**	174.0	"	"	2250	-	9.4	32.5	1.25
6.2	**48.5**	**0.82**	220.0	"	"	2250	-	7.4	41	0.98
11.5	**32**	**2.9**	118.8	**BS06-../D04LA4**	8.4	3500	-	14	26.5	3.5
10.5	**36.5**	**2.8**	129.0	"	"	3500	-	13	29.5	3.5
9.2	**40**	**2.7**	146.8	"	"	3500	-	11.5	32	3.3
7.8	**44**	**2.2**	174.0	"	"	3500	-	9.4	36.5	2.7
6.2	**54**	**1.8**	220.0	"	"	3500	-	7.4	45.5	2.2
5.4	**61**	**1.6**	252.0	"	"	3500	-	6.5	51	1.95
4.3	**75**	**1.4**	315.3	"	"	3500	-	5.2	62	1.7
3.8	**84**	**1.3**	358.9	"	"	3500	-	4.6	69	1.6
3.3	**95**	**1.15**	418.0	"	"	3500	-	3.9	80	1.4
11.5	**36.5**	**3.3**	119.6	**BS10-../D06LA4**	23	6000	-	14	30	4.0
6.3	**58**	**3.1**	216.6	"	"	6000	-	7.5	48.5	3.7
5.4	**67**	**2.7**	254.0	**BS10Z-../D06LA4**	24	6000	-	6.4	57	3.2
4.5	**78**	**2.4**	302.5	"	"	6000	-	5.4	65	2.9
3.8	**93**	**2.0**	360.3	"	"	6000	-	4.5	78	2.4
3.2	**109**	**1.75**	432.4	"	"	6000	-	3.8	91	2.1
2.5	**135**	**1.4**	544.8	"	"	6000	-	3.0	112	1.7
2.2	**145**	**1.3**	638.7	"	"	6000	-	2.6	123	1.55
1.8	**171**	**1.05**	788.7	"	"	6000	-	2.1	147	1.2
3.2	**109**	**3.0**	430.8	**BS20Z-../D06LA4**	35	8000	-	3.8	91	3.6
2.6	**121**	**3.0**	539.7	"	"	8000	-	3.1	101	3.6
2.2	**140**	**2.4**	619.2	"	"	8000	-	2.7	114	2.9
1.8	**171**	**1.8**	763.4	"	"	8000	-	2.2	140	2.2
1.7	**220**	**1.25**	831.7	**BS20G06-../D06LA4**	38	8000	-	2.0	189	1.45
1.4	**270**	**1.0**	1000	"	"	8000	-	1.7	220	1.25
1.7	**195**	**2.4**	804.1	**BS30Z-../D06LA4**	54	10000	-	2.1	158	3.0
1.5	**215**	**2.1**	932.0	"	"	10000	-	1.8	181	2.5
1.4	**280**	**1.75**	1022	**BS30G06-../D06LA4**	56	10000	-	1.6	245	2.0
1.2	**325**	**1.5**	1176	"	"	10000	-	1.4	280	1.75
0.95	**415**	**1.2**	1461	"	"	10000	-	1.2	325	1.5
0.9	**435**	**1.15**	1576	"	"	10000	-	1.1	355	1.4
1.5	**225**	**3.3**	908.2	**BS40Z-../D06LA4**	68	15000	-	1.8	187	4.0
1.4	**285**	**3.1**	965.5	**BS40G10-../D06LA4**	73	15000	-	1.7	235	3.7
1.2	**330**	**2.7**	1180	"	"	15000	-	1.4	285	3.1
0.95	**420**	**2.1**	1499	"	"	15000	-	1.1	360	2.4
0.8	**500**	**1.75**	1785	"	"	15000	-	0.95	420	2.1
0.65	**610**	**1.45**	2126	"	"	15000	-	0.8	500	1.75
0.6	**660**	**1.35**	2304	"	"	15000	-	0.75	530	1.65
0.55	**720**	**1.2**	2552	"	"	15000	-	0.65	610	1.45
0.47	**850**	**1.05**	2902	"	"	15000	-	0.6	660	1.35

P = 0.09 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**2.55**	**5.9**	4.60	**BS02-../D04LA4**	3.5	1000	-	355	2.1	7.1
250	**3.0**	**6.7**	5.40	"	"	1000	-	300	2.5	8.0
200	**3.65**	**6.8**	6.75	"	"	1000	-	240	3.05	8.2
164	**4.4**	**5.7**	8.25	"	"	1100	-	197	3.65	6.8
127	**5.5**	**4.5**	10.67	"	"	1250	-	152	4.6	5.4
100	**6.7**	**3.7**	13.50	"	"	1250	-	120	5.5	4.5
75	**8.4**	**3.0**	18.00	"	"	1250	-	90	7.0	3.6
62	**9.7**	**2.6**	22.00	"	"	1250	-	74	8.1	3.1
50	**10.8**	**2.3**	27.00	"	"	1250	-	60	9.0	2.8
41	**12.5**	**2.0**	33.00	"	"	1250	-	49.5	10.4	2.4

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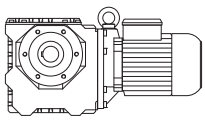
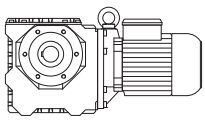
Auswahl - Schneckengetriebemotoren DHE - IE2

P = 0.09 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
31.5	**16.9**	**1.4**	43.00	**BS02-../D04LA4**	"	1250	-	38	14	1.7
25	**19.5**	**1.15**	54.00	"	"	1250	-	30	16.3	1.35
19.5	**22**	**0.91**	70.00	"	"	1250	-	23.5	18.6	1.1
27	**18.4**	**3.0**	50.00	**BS03-../D05LA4**	5.4	1950	-	32.5	15.3	3.6
22	**20.5**	**2.3**	62.00	"	"	1950	-	26.5	17.1	2.8
18	**24**	**1.65**	75.00	"	"	1950	-	22	19.9	2.0
56	**11.6**	**2.9**	24.25	**BS04-../D04LA4**	3.9	2250	-	67	9.7	3.5
52	**11.7**	**3.2**	26.21	"	"	2250	-	62	9.8	3.9
43	**13.9**	**2.7**	31.50	"	"	2250	-	52	11.5	3.3
35.5	**16.7**	**2.2**	38.42	"	"	2250	-	42.5	13.9	2.7
28.5	**20.5**	**1.85**	47.86	"	"	2250	-	34	17.1	2.2
21.5	**25**	**1.45**	64.06	"	"	2250	-	25.5	21	1.7
19	**29.5**	**1.3**	71.18	"	"	2250	-	23	24.5	1.55
18	**29**	**1.3**	77.00	"	"	2250	-	21.5	24	1.6
14.5	**34.5**	**1.1**	93.92	"	"	2250	-	17.5	28.5	1.35
13.5	**40.5**	**0.94**	102.9	"	"	2250	-	16	34	1.1
12	**40.5**	**0.94**	117.0	"	"	2250	-	14	34.5	1.1
11	**49**	**0.84**	123.0	"	"	2250	-	13.5	40	1.05
21.5	**27**	**3.0**	64.06	**BS06-../D04LA4**	8.4	3500	-	25.5	22.5	3.6
19	**32**	**2.9**	71.18	"	"	3500	-	23	26.5	3.5
18	**31.5**	**2.7**	77.00	"	"	3500	-	21.5	26.5	3.2
15	**40**	**2.5**	90.00	"	"	3500	-	18	33	3.0
13.5	**43.5**	**2.3**	103.1	"	"	3500	-	16	37	2.7
11.5	**48.5**	**1.95**	118.8	"	"	3500	-	14	39.5	2.4
10.5	**54**	**1.95**	129.0	"	"	3500	-	13	44	2.4
9.2	**60**	**1.75**	146.8	"	"	3500	-	11.5	48.5	2.2
7.8	**66**	**1.5**	174.0	"	"	3500	-	9.4	54	1.8
6.2	**81**	**1.2**	220.0	"	"	3500	-	7.4	68	1.45
5.4	**92**	**1.1**	252.0	"	"	3500	-	6.5	76	1.3
4.3	**113**	**0.94**	315.3	"	"	3500	-	5.2	94	1.15
3.8	**126**	**0.87**	358.9	"	"	3500	-	4.6	104	1.05
11.5	**55**	**2.2**	119.6	**BS10-../D06LA4**	23	6000	-	14	45	2.7
10.5	**52**	**3.2**	130.3	"	"	6000	-	12.5	44	3.7
8.9	**61**	**2.7**	152.7	"	"	6000	-	11	50	3.3
7.2	**76**	**2.2**	188.6	"	"	6000	-	8.6	63	2.7
6.3	**87**	**2.1**	216.6	"	"	6000	-	7.5	73	2.5
5.4	**101**	**1.8**	254.0	**BS10Z-../D06LA4**	24	6000	-	6.4	85	2.1
4.5	**118**	**1.6**	302.5	"	"	6000	-	5.4	98	1.95
3.8	**140**	**1.35**	360.3	"	"	6000	-	4.5	118	1.6
3.2	**163**	**1.15**	432.4	"	"	6000	-	3.8	137	1.4
2.5	**200**	**0.95**	544.8	"	"	6000	-	3.0	169	1.1
2.2	**215**	**0.88**	638.7	"	"	6000	-	2.6	185	1.05
6.0	**91**	**3.2**	225.6	**BS20-../D06LA4**	34	8000	-	7.2	76	3.8
5.3	**103**	**2.9**	257.8	**BS20Z-../D06LA4**	35	8000	-	6.3	87	3.4
4.5	**120**	**2.5**	300.1	"	"	8000	-	5.4	100	3.0
3.8	**140**	**2.3**	359.9	"	"	8000	-	4.6	115	2.8
3.2	**163**	**2.0**	430.8	"	"	8000	-	3.8	137	2.4
2.6	**181**	**2.0**	539.7	"	"	8000	-	3.1	152	2.4
2.2	**210**	**1.55**	619.2	"	"	8000	-	2.7	171	1.95
1.8	**255**	**1.2**	763.4	"	"	8000	-	2.2	210	1.5
1.7	**330**	**0.82**	831.7	**BS20G06-../D06LA4**	38	8000	-	2.0	280	0.96
3.8	**167**	**2.4**	359.6	**BS30Z-../D06LA4**	54	10000	-	4.6	138	2.9
3.0	**183**	**3.3**	457.3	"	"	10000	-	3.6	152	3.9
2.6	**210**	**2.9**	539.3	"	"	10000	-	3.1	177	3.4
2.1	**245**	**2.4**	651.0	"	"	10000	-	2.5	205	2.8
1.7	**290**	**1.65**	804.1	"	"	10000	-	2.1	235	2.0
1.5	**325**	**1.4**	932.0	"	"	10000	-	1.8	270	1.65
1.4	**420**	**1.15**	1022	**BS30G06-../D06LA4**	56	10000	-	1.6	370	1.3
1.2	**490**	**1.0**	1176	"	"	10000	-	1.4	420	1.15

P = 0.09 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
1.9	**270**	**2.8**	736.5	**BS40Z-../D06LA4**	68	15000	-	2.2	230	3.3
1.5	**335**	**2.2**	908.2	"	"	15000	-	1.8	280	2.7
1.4	**425**	**2.1**	965.5	**BS40G10-../D06LA4**	73	15000	-	1.7	350	2.5
1.2	**500**	**1.75**	1180	"	"	15000	-	1.4	425	2.1
0.95	**630**	**1.4**	1499	"	"	15000	-	1.1	540	1.65
0.8	**750**	**1.15**	1785	"	"	15000	-	0.95	630	1.4

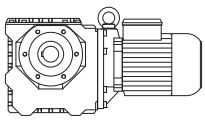
P = 0.12 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**3.4**	**4.4**	4.60	**BS02-../D04LA4**	3.5	1000	-	355	2.8	5.4
250	**4.0**	**5.0**	5.40	"	"	1000	-	300	3.35	6.0
200	**4.9**	**5.1**	6.75	"	"	1000	-	240	4.1	6.1
164	**5.8**	**4.3**	8.25	"	"	1100	-	197	4.85	5.2
127	**7.3**	**3.4**	10.67	"	"	1250	-	152	6.1	4.1
100	**8.9**	**2.8**	13.50	"	"	1250	-	120	7.4	3.4
75	**11.3**	**2.2**	18.00	"	"	1250	-	90	9.4	2.7
62	**12.9**	**1.95**	22.00	"	"	1250	-	74	10.8	2.3
50	**14.4**	**1.75**	27.00	"	"	1250	-	60	12	2.1
41	**16.7**	**1.5**	33.00	"	"	1250	-	49.5	13.8	1.8
31.5	**22.5**	**1.05**	43.00	"	"	1250	-	38	18.6	1.3
25	**26**	**0.85**	54.00	"	"	1250	-	30	21.5	1.0
41	**17**	**3.2**	33.00	**BS03-../D05LA4**	5.4	1950	-	49.5	14.1	3.9
35	**20.5**	**2.7**	39.00	"	"	1950	-	42	17.4	3.2
27	**24.5**	**2.2**	50.00	"	"	1950	-	32.5	20	2.8
22	**27.5**	**1.75**	62.00	"	"	1950	-	26.5	22.5	2.1
18	**32**	**1.25**	75.00	"	"	1950	-	22	26.5	1.5
83	**10.6**	**3.3**	16.31	**BS04-../D04LA4**	3.9	1970	-	100	8.8	4.0
65	**13.3**	**2.8**	20.96	"	"	2100	-	78	11.1	3.3
56	**15.5**	**2.2**	24.25	"	"	2250	-	67	12.9	2.6
52	**15.6**	**2.4**	26.21	"	"	2250	-	62	13.1	2.9
43	**18.6**	**2.0**	31.50	"	"	2250	-	52	15.4	2.5
35.5	**22**	**1.7**	38.42	"	"	2250	-	42.5	18.6	2.0
28.5	**27**	**1.4**	47.86	"	"	2250	-	34	22.5	1.7
21.5	**33.5**	**1.05**	64.06	"	"	2250	-	25.5	28	1.3
19	**39.5**	**0.96**	71.18	"	"	2250	-	23	32.5	1.15
18	**38.5**	**0.99**	77.00	"	"	2250	-	21.5	32.5	1.15
14.5	**46.5**	**0.82**	93.92	"	"	2250	-	17.5	38.5	0.99
28	**29**	**3.0**	48.60	**BS06-../D04LA4**	8.4	3500	-	33.5	24.5	3.6
23.5	**34.5**	**2.6**	58.15	"	"	3500	-	28	29	3.1
21.5	**36**	**2.2**	64.06	"	"	3500	-	25.5	30.5	2.6
19	**42.5**	**2.2**	71.18	"	"	3500	-	23	35	2.7
18	**42.5**	**2.0**	77.00	"	"	3500	-	21.5	35.5	2.4
15	**53**	**1.85**	90.00	"	"	3500	-	18	44.5	2.2
13.5	**58**	**1.7**	103.1	"	"	3500	-	16	49	2.0
11.5	**64**	**1.45**	118.8	"	"	3500	-	14	53	1.75
10.5	**73**	**1.4**	129.0	"	"	3500	-	13	59	1.75
9.2	**80**	**1.35**	146.8	"	"	3500	-	11.5	64	1.65
7.8	**88**	**1.1**	174.0	"	"	3500	-	9.4	73	1.35
6.2	**109**	**0.9**	220.0	"	"	3500	-	7.4	91	1.1
5.4	**123**	**0.8**	252.0	"	"	3500	-	6.5	102	0.97
16.5	**51**	**2.9**	84.36	**BS10-../D06LA4**	23	5300	-	19.5	43	3.5
13.5	**54**	**3.0**	103.4	"	"	5600	-	16	45.5	3.5
11.5	**73**	**1.65**	119.6	"	"	6000	-	14	60	2.0
10.5	**69**	**2.4**	130.3	"	"	6000	-	12.5	58	2.8
8.9	**82**	**2.0**	152.7	"	"	6000	-	11	66	2.5
7.2	**101**	**1.7**	188.6	"	"	6000	-	8.6	85	2.0
6.3	**116**	**1.55**	216.6	"	"	6000	-	7.5	97	1.85

Schnecken-Getriebemotoren Reihe BS

Auswahl - Schneckengetriebemotoren DHE - IE2

P = 0.12 kW

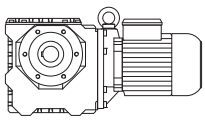


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
5.4	**135**	**1.35**	254.0	**BS10Z-../D06LA4**	24	6000	-	6.4	114	1.6
4.5	**157**	**1.2**	302.5	"	"	6000	-	5.4	131	1.45
3.8	**186**	**1.0**	360.3	"	"	6000	-	4.5	157	1.2
3.2	**215**	**0.88**	432.4	"	"	6000	-	3.8	183	1.05
8.5	**88**	**3.1**	159.4	**BS20-../D06LA4**	34	8000	-	10.5	72	3.8
7.4	**102**	**2.7**	183.0	"	"	8000	-	8.9	84	3.3
6.0	**122**	**2.4**	225.6	"	"	8000	-	7.2	101	2.9
5.3	**138**	**2.1**	257.8	**BS20Z-../D06LA4**	35	8000	-	6.3	116	2.5
4.5	**160**	**1.9**	300.1	"	"	8000	-	5.4	133	2.3
3.8	**186**	**1.7**	359.9	"	"	8000	-	4.6	154	2.1
3.2	**215**	**1.55**	430.8	"	"	8000	-	3.8	183	1.8
2.6	**240**	**1.5**	539.7	"	"	8000	-	3.1	200	1.85
2.2	**280**	**1.2**	619.2	"	"	8000	-	2.7	225	1.45
1.8	**340**	**0.91**	763.4	"	"	8000	-	2.2	280	1.1
3.8	**220**	**1.8**	359.6	**BS30Z-../D06LA4**	54	10000	-	4.6	184	2.1
3.5	**210**	**2.8**	390.2	"	"	10000	-	4.2	177	3.3
3.0	**240**	**2.5**	457.3	"	"	10000	-	3.6	200	3.0
2.6	**280**	**2.1**	539.3	"	"	10000	-	3.1	235	2.6
2.1	**325**	**1.8**	651.0	"	"	10000	-	2.5	275	2.1
1.7	**390**	**1.2**	804.1	"	"	10000	-	2.1	315	1.5
1.5	**435**	**1.05**	932.0	"	"	10000	-	1.8	360	1.25
1.4	**560**	**0.88**	1022	**BS30G06-../D06LA4**	56	10000	-	1.6	490	1.0
2.3	**300**	**3.0**	612.1	**BS40Z-../D06LA4**	68	15000	-	2.7	255	3.6
1.9	**360**	**2.1**	736.5	"	"	15000	-	2.2	310	2.4
1.5	**450**	**1.65**	908.2	"	"	15000	-	1.8	375	2.0
1.4	**570**	**1.55**	965.5	**BS40G10-../D06LA4**	73	15000	-	1.7	470	1.85
1.2	**660**	**1.35**	1180	"	"	15000	-	1.4	570	1.55
0.95	**840**	**1.05**	1499	"	"	15000	-	1.1	720	1.2

P = 0.18 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**5.1**	**2.9**	4.60	**BS02-../D05LA4**	5.3	1000	-	355	4.25	3.5
250	**6.0**	**3.3**	5.40	"	"	1000	-	300	5.0	4.0
200	**7.3**	**3.4**	6.75	"	"	1000	-	240	6.1	4.1
164	**8.8**	**2.8**	8.25	"	"	1100	-	197	7.3	3.4
127	**11**	**2.3**	10.67	"	"	1250	-	152	9.2	2.7
100	**13.4**	**1.85**	13.50	"	"	1250	-	120	11.1	2.3
75	**16.9**	**1.5**	18.00	"	"	1250	-	90	14.1	1.75
62	**19.4**	**1.3**	22.00	"	"	1250	-	74	16.2	1.55
50	**21.5**	**1.15**	27.00	"	"	1250	-	60	18	1.4
41	**25**	**1.0**	33.00	"	"	1250	-	49.5	20.5	1.2
72	**18.1**	**3.0**	19.00	**BS03-../D05LA4**	5.4	1950	-	86	15.1	3.6
54	**21.5**	**2.6**	25.00	"	"	1950	-	65	18.2	3.0
41	**25.5**	**2.2**	33.00	"	"	1950	-	49.5	21	2.6
35	**31**	**1.75**	39.00	"	"	1950	-	42	26	2.1
27	**36.5**	**1.5**	50.00	"	"	1950	-	32.5	30.5	1.8
22	**41**	**1.15**	62.00	"	"	1950	-	26.5	34	1.4
18	**48.5**	**0.82**	75.00	"	"	1950	-	22	39.5	1.0
126	**10.6**	**3.0**	10.73	**BS04-../D05LA4**	5.8	1600	-	151	8.8	3.6
104	**12.7**	**2.6**	13.09	"	"	1760	-	124	10.6	3.1
83	**15.9**	**2.2**	16.31	"	"	1970	-	100	13.2	2.7
65	**20**	**1.85**	20.96	"	"	2100	-	78	16.7	2.2
56	**23**	**1.5**	24.25	"	"	2250	-	67	19.4	1.75
52	**23**	**1.65**	26.21	"	"	2250	-	62	19.6	1.95
43	**27.5**	**1.4**	31.50	"	"	2250	-	52	23	1.65
35.5	**33**	**1.1**	38.42	"	"	2250	-	42.5	27.5	1.35
28.5	**41**	**0.93**	47.86	"	"	2250	-	34	34	1.1

P = 0.18 kW

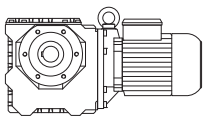


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
56	**24.5**	**3.1**	24.25	**BS06-../D05LA4**	10	2600	-	67	20.5	3.8
52	**24**	**3.2**	26.21	"	"	3000	-	62	20	3.9
43	**29**	**2.8**	31.50	"	"	3200	-	52	24	3.3
33	**37.5**	**2.3**	41.29	"	"	3500	-	39.5	31	2.8
28	**44**	**2.0**	48.60	"	"	3500	-	33.5	36.5	2.4
23.5	**51**	**1.8**	58.15	"	"	3500	-	28	43.5	2.1
21.5	**54**	**1.5**	64.06	"	"	3500	-	25.5	45.5	1.75
19	**64**	**1.45**	71.18	"	"	3500	-	23	53	1.75
18	**63**	**1.35**	77.00	"	"	3500	-	21.5	53	1.6
15	**80**	**1.25**	90.00	"	"	3500	-	18	66	1.5
13.5	**87**	**1.15**	103.1	"	"	3500	-	16	74	1.35
11.5	**97**	**0.97**	118.8	"	"	3500	-	14	79	1.2
10.5	**109**	**0.95**	129.0	"	"	3500	-	13	88	1.2
9.2	**121**	**0.88**	146.8	"	"	3500	-	11.5	97	1.1
28.5	**45**	**3.2**	47.59	**BS10-../D06LA4**	23	4050	-	34.5	37	3.9
24	**53**	**2.8**	57.12	"	"	4350	-	28.5	44.5	3.4
22.5	**51**	**2.9**	60.74	"	"	4550	-	27	42.5	3.5
19	**66**	**2.4**	71.96	"	"	5000	-	23	55	2.9
16.5	**77**	**1.95**	84.36	"	"	5300	-	19.5	65	2.3
13.5	**81**	**2.0**	103.4	"	"	5600	-	16	68	2.4
11.5	**110**	**1.1**	119.6	"	"	6000	-	14	90	1.35
10.5	**104**	**1.6**	130.3	"	"	6000	-	12.5	88	1.85
8.9	**123**	**1.35**	152.7	"	"	6000	-	11	100	1.65
7.2	**152**	**1.1**	188.6	"	"	6000	-	8.6	127	1.35
6.3	**174**	**1.05**	216.6	"	"	6000	-	7.5	146	1.25
5.4	**200**	**0.9**	254.0	**BS10Z-../D06LA4**	24	6000	-	6.4	171	1.05
4.5	**235**	**0.81**	302.5	"	"	6000	-	5.4	197	0.96
13	**87**	**3.1**	106.3	**BS20-../D06LA4**	34	7600	-	15.5	73	3.7
11	**103**	**2.6**	127.3	"	"	8000	-	13	87	3.1
8.5	**133**	**2.1**	159.4	"	"	8000	-	10.5	108	2.5
7.4	**153**	**1.85**	183.0	"	"	8000	-	8.9	127	2.2
6.0	**183**	**1.6**	225.6	"	"	8000	-	7.2	152	1.9
5.3	**205**	**1.45**	257.8	**BS20Z-../D06LA4**	35	8000	-	6.3	174	1.7
4.5	**240**	**1.25**	300.1	"	"	8000	-	5.4	200	1.5
3.8	**280**	**1.15**	359.9	"	"	8000	-	4.6	230	1.4
3.2	**325**	**1.0**	430.8	"	"	8000	-	3.8	275	1.2
2.6	**360**	**1.0**	539.7	"	"	8000	-	3.1	300	1.2
6.3	**180**	**2.9**	216.4	**BS30-../D06LA4**	51	10000	-	7.5	151	3.4
5.2	**215**	**2.6**	261.6	**BS30Z-../D06LA4**	54	10000	-	6.2	182	3.1
4.5	**245**	**2.4**	306.6	"	"	10000	-	5.3	210	2.8
3.8	**330**	**1.2**	359.6	"	"	10000	-	4.6	275	1.45
3.5	**315**	**1.85**	390.2	"	"	10000	-	4.2	265	2.2
3.0	**365**	**1.65**	457.3	"	"	10000	-	3.6	305	1.95
2.6	**420**	**1.45**	539.3	"	"	10000	-	3.1	350	1.7
2.1	**490**	**1.2**	651.0	"	"	10000	-	2.5	410	1.4
1.7	**580**	**0.82**	804.1	"	"	10000	-	2.1	470	1.0
4.7	**270**	**2.6**	287.7	**BS40Z-../D06LA4**	68	15000	-	5.7	220	3.3
3.1	**345**	**2.9**	446.8	"	"	15000	-	3.7	290	3.4
2.6	**415**	**2.7**	520.8	"	"	15000	-	3.2	335	3.3
2.3	**455**	**2.0**	612.1	"	"	15000	-	2.7	385	2.4
1.9	**540**	**1.4**	736.5	"	"	15000	-	2.2	465	1.65
1.5	**670**	**1.1**	908.2	"	"	15000	-	1.8	560	1.35
1.4	**850**	**1.05**	965.5	**BS40G10-../D06LA4**	73	15000	-	1.7	700	1.25
1.2	**1000**	**0.88**	1180	"	"	15000	-	1.4	850	1.05

Schnecken-Getriebemotoren Reihe BS

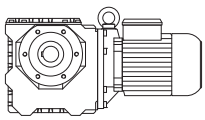
Auswahl - Schneckengetriebemotoren DHE - IE2

P = 0.25 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**7.1**	**2.1**	4.60	**BS02-../D05LA4**	5.3	1000	-	355	5.9	2.5
250	**8.4**	**2.4**	5.40	"	"	1000	-	300	7.0	2.9
200	**10.2**	**2.5**	6.75	"	"	1000	-	240	8.5	2.9
164	**12.2**	**2.0**	8.25	"	"	1100	-	197	10.1	2.5
127	**15.4**	**1.6**	10.67	"	"	1250	-	152	12.8	1.95
100	**18.6**	**1.35**	13.50	"	"	1250	-	120	15.5	1.6
75	**23.5**	**1.05**	18.00	"	"	1250	-	90	19.6	1.3
62	**26.5**	**0.94**	22.00	"	"	1250	-	74	22.5	1.1
50	**30**	**0.83**	27.00	"	"	1250	-	60	25	1.0
100	**18.6**	**3.0**	13.50	**BS03-../D05LA4**	5.4	1600	-	120	15.5	3.5
72	**25**	**2.2**	19.00	"	"	1950	-	86	21	2.6
54	**30.5**	**1.8**	25.00	"	"	1950	-	65	25	2.2
41	**35.5**	**1.55**	33.00	"	"	1950	-	49.5	29	1.9
35	**43.5**	**1.25**	39.00	"	"	1950	-	42	36	1.55
27	**51**	**1.1**	50.00	"	"	1950	-	32.5	42.5	1.3
22	**57**	**0.84**	62.00	"	"	1950	-	26.5	47.5	1.0
225	**8.2**	**3.2**	6.13	**BS04-../D05LA4**	5.8	1320	-	265	7.0	3.7
152	**12.2**	**2.5**	8.93	"	"	1500	-	182	10.2	2.9
126	**14.7**	**2.2**	10.73	"	"	1600	-	151	12.3	2.6
104	**17.6**	**1.9**	13.09	"	"	1760	-	124	14.8	2.2
83	**22**	**1.6**	16.31	"	"	1970	-	100	18.3	1.9
65	**27.5**	**1.35**	20.96	"	"	2100	-	78	23	1.6
56	**32**	**1.05**	24.25	"	"	2250	-	67	27	1.25
52	**32.5**	**1.15**	26.21	"	"	2250	-	62	27	1.4
43	**38.5**	**0.99**	31.50	"	"	2250	-	52	32	1.2
35.5	**46**	**0.8**	38.42	"	"	2250	-	42.5	38.5	0.96
82	**23**	**3.1**	16.56	**BS06-../D05LA4**	10	2400	-	98	19.4	3.7
69	**27.5**	**2.7**	19.82	"	"	2500	-	82	23	3.3
56	**34**	**2.3**	24.25	"	"	2600	-	67	28.5	2.7
52	**33.5**	**2.3**	26.21	"	"	3000	-	62	28	2.8
43	**40.5**	**2.0**	31.50	"	"	3200	-	52	33.5	2.4
33	**52**	**1.65**	41.29	"	"	3500	-	39.5	43.5	2.0
28	**61**	**1.45**	48.60	"	"	3500	-	33.5	51	1.75
23.5	**72**	**1.25**	58.15	"	"	3500	-	28	60	1.5
21.5	**75**	**1.05**	64.06	"	"	3500	-	25.5	63	1.25
19	**89**	**1.05**	71.18	"	"	3500	-	23	73	1.3
18	**88**	**0.97**	77.00	"	"	3500	-	21.5	74	1.15
15	**111**	**0.88**	90.00	"	"	3500	-	18	92	1.05
13.5	**122**	**0.82**	103.1	"	"	3500	-	16	102	0.98
40.5	**44.5**	**3.0**	33.55	**BS10-../D06LA4**	23	3550	-	48.5	37	3.6
34	**52**	**2.7**	39.96	"	"	3800	-	41	43.5	3.2
28.5	**62**	**2.3**	47.59	"	"	4050	-	34.5	51	2.8
24	**73**	**2.1**	57.12	"	"	4350	-	28.5	61	2.5
22.5	**71**	**2.1**	60.74	"	"	4550	-	27	59	2.5
19	**92**	**1.75**	71.96	"	"	5000	-	23	76	2.1
16.5	**107**	**1.4**	84.36	"	"	5300	-	19.5	90	1.65
13.5	**113**	**1.4**	103.4	"	"	5600	-	16	95	1.7
10.5	**145**	**1.15**	130.3	"	"	6000	-	12.5	122	1.35
8.9	**171**	**0.96**	152.7	"	"	6000	-	11	138	1.2
7.2	**210**	**0.81**	188.6	"	"	6000	-	8.6	177	0.96
19.5	**91**	**3.3**	70.30	**BS20-../D06LA4**	34	6300	-	23.5	76	3.9
18	**87**	**3.1**	76.18	"	"	6600	-	21.5	73	3.7
15.5	**101**	**2.7**	88.67	"	"	7000	-	18.5	85	3.2
13	**121**	**2.2**	106.3	"	"	7600	-	15.5	101	2.7
11	**143**	**1.9**	127.3	"	"	8000	-	13	121	2.2
8.5	**185**	**1.5**	159.4	"	"	8000	-	10.5	150	1.85
7.4	**210**	**1.35**	183.0	"	"	8000	-	8.9	177	1.6
6.0	**250**	**1.15**	225.6	"	"	8000	-	7.2	210	1.4
5.3	**285**	**1.05**	257.8	**BS20Z-../D06LA4**	35	8000	-	6.3	240	1.25
4.5	**330**	**0.91**	300.1	"	"	8000	-	5.4	275	1.1
3.8	**385**	**0.83**	359.9	"	"	8000	-	4.6	320	1.0

P = 0.25 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
9.0	**177**	**3.1**	151.1	**BS30-../D06LA4**	51	9500	-	11	145	3.7
7.3	**215**	**2.5**	186.7	"	"	10000	-	8.7	181	3.0
6.3	**250**	**2.1**	216.4	"	"	10000	-	7.5	210	2.5
5.2	**300**	**1.85**	261.6	**BS30Z-../D06LA4**	54	10000	-	6.2	250	2.2
4.5	**340**	**1.7**	306.6	"	"	10000	-	5.3	290	2.0
3.8	**460**	**0.86**	359.6	"	"	10000	-	4.6	380	1.05
3.5	**440**	**1.35**	390.2	"	"	10000	-	4.2	365	1.6
3.0	**500**	**1.2**	457.3	"	"	10000	-	3.6	420	1.45
2.6	**580**	**1.05**	539.3	"	"	10000	-	3.1	490	1.2
2.1	**680**	**0.85**	651.0	"	"	10000	-	2.5	570	1.0
6.9	**255**	**2.7**	197.1	**BS40Z-../D06LA4**	68	15000	-	8.3	210	3.3
5.5	**270**	**3.3**	249.6	"	"	15000	-	6.5	230	3.9
4.7	**375**	**1.9**	287.7	"	"	15000	-	5.7	305	2.3
4.5	**330**	**3.2**	302.1	"	"	15000	-	5.4	275	3.9
3.8	**395**	**2.7**	356.8	"	"	15000	-	4.6	325	3.3
3.1	**485**	**2.0**	446.8	"	"	15000	-	3.7	405	2.4
2.6	**570**	**1.95**	520.8	"	"	15000	-	3.2	470	2.3
2.3	**630**	**1.45**	612.1	"	"	15000	-	2.7	530	1.7
1.9	**750**	**1.0**	736.5	"	"	15000	-	2.2	650	1.15
1.5	**930**	**0.8**	908.2	"	"	15000	-	1.8	780	0.95

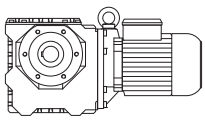
P = 0.3 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**8.5**	**1.75**	4.60	**BS02-../D07LA4**	9.3	1000	-	355	7.1	2.1
250	**10**	**2.0**	5.40	"	"	1000	-	300	8.4	2.4
200	**12.3**	**2.0**	6.75	"	"	1000	-	240	10.2	2.5
164	**14.6**	**1.7**	8.25	"	"	1100	-	197	12.2	2.0
127	**18.4**	**1.35**	10.67	"	"	1250	-	152	15.4	1.6
100	**22**	**1.15**	13.50	"	"	1250	-	120	18.6	1.35
75	**28**	**0.89**	18.00	"	"	1250	-	90	23.5	1.05
100	**22**	**2.5**	13.50	**BS03-../D07LA4**	9.4	1600	-	120	18.6	3.0
72	**30**	**1.85**	19.00	"	"	1950	-	86	25	2.2
54	**36.5**	**1.5**	25.00	"	"	1950	-	65	30	1.85
41	**42.5**	**1.3**	33.00	"	"	1950	-	49.5	35	1.55
35	**52**	**1.05**	39.00	"	"	1950	-	42	43.5	1.25
27	**61**	**0.9**	50.00	"	"	1950	-	32.5	51	1.1
225	**9.9**	**2.6**	6.13	**BS04-../D07LA4**	9.8	1320	-	265	8.4	3.1
152	**14.7**	**2.0**	8.93	"	"	1500	-	182	12.2	2.5
126	**17.7**	**1.8**	10.73	"	"	1600	-	151	14.7	2.2
104	**21**	**1.55**	13.09	"	"	1760	-	124	17.7	1.85
83	**26.5**	**1.3**	16.31	"	"	1970	-	100	22	1.6
65	**33**	**1.1**	20.96	"	"	2100	-	78	27.5	1.35
56	**38.5**	**0.88**	24.25	"	"	2250	-	67	32	1.05
52	**39**	**0.97**	26.21	"	"	2250	-	62	32.5	1.15
43	**46.5**	**0.82**	31.50	"	"	2250	-	52	38.5	0.99
96	**24**	**2.8**	14.07	**BS06-../D07LA4**	14	2200	-	116	20	3.4
82	**27.5**	**2.6**	16.56	"	"	2400	-	98	23	3.1
69	**33**	**2.3**	19.82	"	"	2500	-	82	27.5	2.7
56	**40.5**	**1.9**	24.25	"	"	2600	-	67	34	2.3
52	**40**	**1.95**	26.21	"	"	3000	-	62	33.5	2.3
43	**48.5**	**1.65**	31.50	"	"	3200	-	52	40	2.0
33	**62**	**1.4**	41.29	"	"	3500	-	39.5	52	1.65
28	**73**	**1.2**	48.60	"	"	3500	-	33.5	61	1.45
23.5	**86**	**1.05**	58.15	"	"	3500	-	28	72	1.25
21.5	**90**	**0.89**	64.06	"	"	3500	-	25.5	76	1.05
19	**107**	**0.88**	71.18	"	"	3500	-	23	88	1.05
18	**106**	**0.8**	77.00	"	"	3500	-	21.5	89	0.96

Schnecken-Getriebemotoren Reihe BS

Auswahl - Schneckengetriebemotoren DHE - IE2

P = 0.3 kW

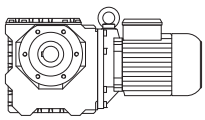


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
52	**42.5**	**3.1**	26.42	**BS10-../D07LA4**	26	3250	-	62	36	3.6
40.5	**53**	**2.5**	33.55	"	"	3550	-	48.5	44.5	3.0
34	**63**	**2.2**	39.96	"	"	3800	-	41	52	2.7
28.5	**75**	**1.95**	47.59	"	"	4050	-	34.5	62	2.3
24	**88**	**1.7**	57.12	"	"	4350	-	28.5	74	2.0
22.5	**85**	**1.75**	60.74	"	"	4550	-	27	71	2.1
19	**111**	**1.45**	71.96	"	"	5000	-	23	92	1.75
16.5	**128**	**1.15**	84.36	"	"	5300	-	19.5	108	1.4
13.5	**135**	**1.2**	103.4	"	"	5600	-	16	114	1.4
10.5	**174**	**0.94**	130.3	"	"	6000	-	12.5	146	1.1
8.9	**205**	**0.8**	152.7	"	"	6000	-	11	166	0.99
23	**93**	**3.0**	58.74	**BS20-../D07LA4**	36	5900	-	28	76	3.7
19.5	**110**	**2.7**	70.30	"	"	6300	-	23.5	91	3.3
18	**105**	**2.6**	76.18	"	"	6600	-	21.5	87	3.1
15.5	**121**	**2.2**	88.67	"	"	7000	-	18.5	102	2.6
13	**145**	**1.85**	106.3	"	"	7600	-	15.5	121	2.2
11	**171**	**1.6**	127.3	"	"	8000	-	13	145	1.85
8.5	**220**	**1.25**	159.4	"	"	8000	-	10.5	180	1.55
7.4	**255**	**1.1**	183.0	"	"	8000	-	8.9	210	1.35
6.0	**305**	**0.95**	225.6	"	"	8000	-	7.2	250	1.15
5.3	**345**	**0.86**	257.8	**BS20Z-../D07LA4**	38	8000	-	6.3	290	1.0
16.5	**133**	**3.1**	83.48	**BS30-../D07LA4**	54	6800	-	19.5	113	3.6
11	**177**	**2.9**	125.2	"	"	8700	-	13	149	3.5
9.0	**210**	**2.6**	151.1	"	"	9500	-	11	174	3.1
7.3	**255**	**2.1**	186.7	"	"	10000	-	8.7	215	2.5
6.3	**300**	**1.75**	216.4	"	"	10000	-	7.5	250	2.1
5.2	**360**	**1.55**	261.6	**BS30Z-../D07LA4**	56	10000	-	6.2	300	1.85
4.5	**410**	**1.4**	306.6	"	"	10000	-	5.3	350	1.65
3.5	**530**	**1.1**	390.2	"	"	10000	-	4.2	440	1.35
3.0	**610**	**0.98**	457.3	"	"	10000	-	3.6	500	1.2
2.6	**700**	**0.86**	539.3	"	"	10000	-	3.1	590	1.0
6.9	**305**	**2.3**	197.1	**BS40Z-../D07LA4**	70	15000	-	8.3	255	2.7
5.5	**325**	**2.8**	249.6	"	"	15000	-	6.5	275	3.3
4.7	**450**	**1.6**	287.7	"	"	15000	-	5.7	370	1.95
4.5	**400**	**2.7**	302.1	"	"	15000	-	5.4	330	3.2
3.8	**470**	**2.3**	356.8	"	"	15000	-	4.6	390	2.8
3.1	**580**	**1.7**	446.8	"	"	15000	-	3.7	485	2.0
2.6	**690**	**1.6**	520.8	"	"	15000	-	3.2	560	1.95
2.3	**750**	**1.2**	612.1	"	"	15000	-	2.7	640	1.4
1.9	**900**	**0.84**	736.5	"	"	15000	-	2.2	780	0.97

P = 0.37 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
295	**10.5**	**1.45**	4.60	**BS02-../D07LA4**	9.3	1000	-	355	8.7	1.7
250	**12.4**	**1.6**	5.40	"	"	1000	-	300	10.3	1.95
200	**15.1**	**1.65**	6.75	"	"	1000	-	240	12.6	2.0
164	**18**	**1.4**	8.25	"	"	1100	-	197	15	1.65
127	**22.5**	**1.1**	10.67	"	"	1250	-	152	19	1.3
100	**27.5**	**0.91**	13.50	"	"	1250	-	120	22.5	1.1
100	**27.5**	**2.0**	13.50	**BS03-../D07LA4**	9.4	1600	-	120	22.5	2.4
72	**37**	**1.5**	19.00	"	"	1950	-	86	31	1.75
54	**45**	**1.2**	25.00	"	"	1950	-	65	37.5	1.45
41	**52**	**1.05**	33.00	"	"	1950	-	49.5	43.5	1.25
35	**64**	**0.86**	39.00	"	"	1950	-	42	53	1.05
225	**12.2**	**2.1**	6.13	**BS04-../D07LA4**	9.8	1320	-	265	10.4	2.5
152	**18.1**	**1.65**	8.93	"	"	1500	-	182	15.1	2.0

P = 0.37 kW

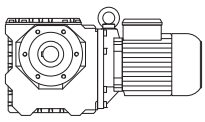


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
126	**21.5**	**1.5**	10.73	**BS04-../D07LA4**	"	1600	-	151	18.2	1.75
104	**26**	**1.25**	13.09	"	"	1760	-	124	21.5	1.55
83	**32.5**	**1.1**	16.31	"	"	1970	-	100	27	1.3
65	**41**	**0.9**	20.96	"	"	2100	-	78	34	1.1
152	**18.8**	**3.3**	8.93	**BS06-../D07LA4**	14	1710	-	182	15.7	3.9
126	**22.5**	**2.9**	10.73	"	"	1850	-	151	18.9	3.4
96	**29.5**	**2.3**	14.07	"	"	2200	-	116	24.5	2.8
82	**34**	**2.1**	16.56	"	"	2400	-	98	28.5	2.5
69	**40.5**	**1.85**	19.82	"	"	2500	-	82	34	2.2
56	**50**	**1.55**	24.25	"	"	2600	-	67	42	1.85
52	**49.5**	**1.55**	26.21	"	"	3000	-	62	41.5	1.85
43	**59**	**1.35**	31.50	"	"	3200	-	52	49.5	1.6
33	**77**	**1.1**	41.29	"	"	3500	-	39.5	64	1.35
28	**90**	**0.98**	48.60	"	"	3500	-	33.5	75	1.15
23.5	**106**	**0.86**	58.15	"	"	3500	-	28	89	1.0
63	**44.5**	**2.8**	21.61	**BS10-../D07LA4**	26	3000	-	75	37.5	3.3
52	**53**	**2.5**	26.42	"	"	3250	-	62	44	3.0
40.5	**66**	**2.0**	33.55	"	"	3550	-	48.5	55	2.5
34	**77**	**1.8**	39.96	"	"	3800	-	41	64	2.2
28.5	**92**	**1.6**	47.59	"	"	4050	-	34.5	76	1.9
24	**108**	**1.4**	57.12	"	"	4350	-	28.5	91	1.65
22.5	**105**	**1.45**	60.74	"	"	4550	-	27	87	1.7
19	**137**	**1.15**	71.96	"	"	5000	-	23	113	1.4
16.5	**158**	**0.95**	84.36	"	"	5300	-	19.5	134	1.1
13.5	**167**	**0.96**	103.4	"	"	5600	-	16	141	1.15
32.5	**82**	**3.3**	42.08	**BS20-../D07LA4**	36	5200	-	38.5	69	3.9
28	**94**	**2.9**	48.98	"	"	5500	-	33.5	79	3.4
27	**87**	**3.1**	50.44	"	"	5700	-	32.5	72	3.8
23	**115**	**2.4**	58.74	"	"	5900	-	28	94	3.0
19.5	**135**	**2.2**	70.30	"	"	6300	-	23.5	112	2.7
18	**129**	**2.1**	76.18	"	"	6600	-	21.5	108	2.5
15.5	**150**	**1.8**	88.67	"	"	7000	-	18.5	126	2.1
13	**179**	**1.5**	106.3	"	"	7600	-	15.5	150	1.8
11	**210**	**1.3**	127.3	"	"	8000	-	13	179	1.5
8.5	**270**	**1.0**	159.4	"	"	8000	-	10.5	220	1.25
7.4	**315**	**0.89**	183.0	"	"	8000	-	8.9	260	1.1
6.8	**330**	**0.85**	201.4	**BS20Z-../D07LA4**	38	8000	-	8.1	275	1.0
16.5	**164**	**2.5**	83.48	**BS30-../D07LA4**	54	6800	-	19.5	139	2.9
15	**162**	**3.0**	90.59	"	"	7700	-	18	135	3.6
13	**184**	**2.8**	106.2	"	"	8200	-	15.5	155	3.3
11	**215**	**2.4**	125.2	"	"	8700	-	13	184	2.8
9.0	**260**	**2.1**	151.1	"	"	9500	-	11	215	2.5
7.3	**315**	**1.7**	186.7	"	"	10000	-	8.7	265	2.0
6.3	**370**	**1.4**	216.4	"	"	10000	-	7.5	310	1.7
5.2	**445**	**1.25**	261.6	**BS30Z-../D07LA4**	56	10000	-	6.2	375	1.5
4.5	**510**	**1.15**	306.6	"	"	10000	-	5.3	430	1.35
3.5	**650**	**0.91**	390.2	"	"	10000	-	4.2	540	1.1
3.0	**750**	**0.8**	457.3	"	"	10000	-	3.6	620	0.97
6.9	**375**	**1.85**	197.1	**BS40Z-../D07LA4**	70	15000	-	8.3	315	2.2
5.5	**400**	**2.3**	249.6	"	"	15000	-	6.5	340	2.6
4.7	**550**	**1.3**	287.7	"	"	15000	-	5.7	455	1.55
4.5	**490**	**2.2**	302.1	"	"	15000	-	5.4	410	2.6
3.8	**580**	**1.85**	356.8	"	"	15000	-	4.6	480	2.3
3.1	**710**	**1.4**	446.8	"	"	15000	-	3.7	600	1.65
2.6	**850**	**1.3**	520.8	"	"	15000	-	3.2	690	1.6
2.3	**930**	**0.98**	612.1	"	"	15000	-	2.7	790	1.15

Schnecken-Getriebemotoren Reihe BS

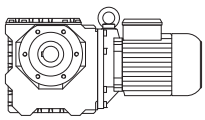
Auswahl - Schneckengetriebemotoren DHE - IE2

P = 0.55 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
305	**15.1**	**2.6**	4.60	**BS03-../D08MA4**	10	1070	-	370	12.4	3.2
235	**19.6**	**2.2**	6.00	"	"	1170	-	280	16.5	2.7
175	**25.5**	**1.9**	8.00	"	"	1320	-	210	21.5	2.2
140	**31.5**	**1.65**	10.00	"	"	1450	-	168	26	2.0
104	**39**	**1.4**	13.50	"	"	1600	-	125	32.5	1.7
74	**53**	**1.05**	19.00	"	"	1950	-	89	44.5	1.25
56	**64**	**0.86**	25.00	"	"	1950	-	68	53	1.05
210	**20**	**2.8**	6.67	**BS06-../D08MA4**	16	1550	-	255	16.6	3.4
157	**27**	**2.3**	8.93	"	"	1710	-	189	22.5	2.8
131	**32**	**2.0**	10.73	"	"	1850	-	157	27	2.4
100	**42.5**	**1.6**	14.07	"	"	2200	-	120	35	1.95
85	**49**	**1.45**	16.56	"	"	2400	-	102	41	1.75
71	**59**	**1.25**	19.82	"	"	2500	-	85	49	1.55
58	**72**	**1.05**	24.25	"	"	2600	-	70	60	1.3
54	**71**	**1.1**	26.21	"	"	3000	-	65	58	1.35
44.5	**86**	**0.93**	31.50	"	"	3200	-	54	71	1.15
113	**37**	**2.9**	12.49	**BS10-../D08MA4**	27	2400	-	135	31	3.5
83	**50**	**2.4**	16.92	"	"	2700	-	100	42	2.9
65	**64**	**1.95**	21.61	"	"	3000	-	78	53	2.4
53	**77**	**1.7**	26.42	"	"	3250	-	64	64	2.0
46	**78**	**1.65**	30.63	"	"	3550	-	55	65	2.0
42	**95**	**1.4**	33.55	"	"	3550	-	51	78	1.75
35.5	**110**	**1.25**	39.96	"	"	3800	-	42.5	92	1.5
29.5	**133**	**1.1**	47.59	"	"	4050	-	35.5	110	1.3
25	**155**	**0.97**	57.12	"	"	4350	-	29.5	131	1.15
23.5	**149**	**1.0**	60.74	"	"	4550	-	28	125	1.2
19.5	**199**	**0.8**	71.96	"	"	5000	-	23.5	165	0.97
51	**80**	**3.1**	27.86	**BS20-../D08MA4**	37	4450	-	61	67	3.7
46	**82**	**3.0**	30.63	"	"	4750	-	55	68	3.7
43	**94**	**2.9**	32.87	"	"	4750	-	52	77	3.5
35	**108**	**2.4**	40.25	"	"	5300	-	42	90	2.9
33.5	**119**	**2.3**	42.08	"	"	5200	-	40	99	2.7
29	**135**	**2.0**	48.98	"	"	5500	-	34.5	114	2.4
28	**125**	**2.2**	50.44	"	"	5700	-	33.5	105	2.6
24	**164**	**1.7**	58.74	"	"	5900	-	29	135	2.1
20	**196**	**1.55**	70.30	"	"	6300	-	24	164	1.85
18.5	**187**	**1.45**	76.18	"	"	6600	-	22.5	154	1.75
16	**215**	**1.25**	88.67	"	"	7000	-	19	182	1.5
13.5	**255**	**1.05**	106.3	"	"	7600	-	16	215	1.25
11	**315**	**0.86**	127.3	"	"	8000	-	13.5	255	1.05
28	**144**	**3.1**	50.04	**BS30-../D08MA4**	55	5900	-	34	118	3.8
24	**168**	**2.7**	58.64	"	"	6900	-	29	139	3.3
20	**183**	**2.6**	71.17	"	"	7000	-	24	153	3.1
17	**235**	**1.75**	83.48	"	"	6800	-	20.5	197	2.1
15.5	**230**	**2.1**	90.59	"	"	7700	-	19	190	2.6
13.5	**260**	**1.95**	106.2	"	"	8200	-	16	220	2.3
11.5	**310**	**1.7**	125.2	"	"	8700	-	13.5	260	2.0
9.3	**375**	**1.45**	151.1	"	"	9500	-	11.5	305	1.75
7.5	**460**	**1.2**	186.7	"	"	10000	-	9.0	385	1.4
6.5	**530**	**0.98**	216.4	"	"	10000	-	7.8	440	1.2
5.4	**640**	**0.88**	261.6	**BS30Z-../D08MA4**	58	10000	-	6.5	530	1.05
11.5	**305**	**3.2**	126.0	**BS40-../D08MA4**	68	14900	-	13.5	260	3.8
9.5	**355**	**2.7**	148.1	"	"	15000	-	11.5	295	3.3
7.9	**430**	**1.9**	178.2	"	"	15000	-	9.5	355	2.3
6.4	**510**	**1.55**	219.7	"	"	15000	-	7.7	425	1.85
5.7	**580**	**1.55**	249.6	**BS40Z-../D08MA4**	71	15000	-	6.8	485	1.85
4.9	**790**	**0.91**	287.7	"	"	15000	-	5.9	650	1.1
4.7	**700**	**1.55**	302.1	"	"	15000	-	5.6	590	1.8
4.0	**820**	**1.3**	356.8	"	"	15000	-	4.8	680	1.6
3.2	**1030**	**0.96**	446.8	"	"	15000	-	3.8	870	1.15
2.7	**1220**	**0.9**	520.8	"	"	15000	-	3.3	1000	1.1

P = 0.75 kW

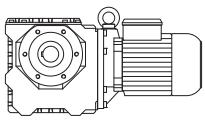


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
310	**20**	**2.0**	4.60	**BS03-../DHE08XA4**	13	1070	-	375	16.8	2.4
240	**26**	**1.7**	6.00	"	"	1170	-	285	22	2.0
178	**34.5**	**1.4**	8.00	"	"	1320	-	215	28.5	1.7
142	**42**	**1.25**	10.00	"	"	1450	-	171	35	1.5
106	**52**	**1.05**	13.50	"	"	1600	-	127	43.5	1.25
215	**26.5**	**2.1**	6.67	**BS06-../DHE08XA4**	18	1550	-	260	22	2.5
160	**36**	**1.7**	8.93	"	"	1710	-	192	30	2.1
133	**43.5**	**1.5**	10.73	"	"	1850	-	160	36	1.8
101	**57**	**1.2**	14.07	"	"	2200	-	122	47.5	1.45
86	**66**	**1.1**	16.56	"	"	2400	-	104	55	1.3
72	**79**	**0.95**	19.82	"	"	2500	-	87	65	1.15
55	**95**	**0.81**	26.21	"	"	3000	-	66	79	0.97
114	**50**	**2.2**	12.49	**BS10-../DHE08XA4**	30	2400	-	137	41.5	2.6
84	**68**	**1.75**	16.92	"	"	2700	-	102	56	2.1
66	**86**	**1.45**	21.61	"	"	3000	-	80	71	1.75
54	**103**	**1.25**	26.42	"	"	3250	-	65	85	1.55
46.5	**106**	**1.25**	30.63	"	"	3550	-	56	88	1.5
42.5	**128**	**1.05**	33.55	"	"	3550	-	51	106	1.25
36	**149**	**0.94**	39.96	"	"	3800	-	43	124	1.15
30	**179**	**0.81**	47.59	"	"	4050	-	36	149	0.97
84	**69**	**3.2**	16.92	**BS20-../DHE08XA4**	40	3700	-	102	56	3.9
64	**90**	**2.6**	22.23	"	"	4100	-	77	75	3.1
51	**109**	**2.3**	27.86	"	"	4450	-	62	90	2.8
46.5	**110**	**2.3**	30.63	"	"	4750	-	56	92	2.7
43.5	**126**	**2.1**	32.87	"	"	4750	-	53	104	2.6
35.5	**145**	**1.8**	40.25	"	"	5300	-	42.5	121	2.1
34	**160**	**1.7**	42.08	"	"	5200	-	41	132	2.0
28.5	**168**	**1.6**	50.44	"	"	5700	-	34	141	1.9
24.5	**215**	**1.3**	58.74	"	"	5900	-	29.5	182	1.55
20.5	**260**	**1.15**	70.30	"	"	6300	-	24.5	215	1.4
19	**245**	**1.1**	76.18	"	"	6600	-	22.5	210	1.3
16.5	**285**	**0.95**	88.67	"	"	7000	-	19.5	240	1.15
42.5	**138**	**3.0**	33.55	**BS30-../DHE08XA4**	57	5200	-	51	115	3.7
37.5	**143**	**2.9**	37.92	"	"	5500	-	45.5	118	3.6
36.5	**158**	**2.7**	39.31	"	"	5500	-	44	131	3.3
28.5	**193**	**2.3**	50.04	"	"	5900	-	34.5	159	2.8
24.5	**225**	**2.0**	58.64	"	"	6900	-	29.5	186	2.5
20	**250**	**1.9**	71.17	"	"	7000	-	24.5	200	2.4
17.5	**315**	**1.3**	83.48	"	"	6800	-	20.5	265	1.55
16	**305**	**1.6**	90.59	"	"	7700	-	19	260	1.9
13.5	**360**	**1.4**	106.2	"	"	8200	-	16.5	295	1.75
11.5	**420**	**1.25**	125.2	"	"	8700	-	14	345	1.5
9.4	**510**	**1.05**	151.1	"	"	9500	-	11.5	415	1.3
7.7	**610**	**0.89**	186.7	"	"	10000	-	9.2	510	1.05
20.5	**265**	**2.8**	69.60	**BS40-../DHE08XA4**	70	11800	-	25	220	3.4
16.5	**295**	**3.1**	86.33	"	"	12900	-	20	245	3.7
13.5	**355**	**2.7**	108.1	"	"	14000	-	16	295	3.2
11.5	**415**	**2.4**	126.0	"	"	14900	-	14	340	2.9
9.6	**480**	**2.0**	148.1	"	"	15000	-	12	385	2.5
8.0	**580**	**1.4**	178.2	"	"	15000	-	9.6	480	1.7
6.5	**690**	**1.15**	219.7	"	"	15000	-	7.8	570	1.4
5.7	**790**	**1.15**	249.6	**BS40Z-../DHE08XA4**	74	15000	-	6.9	650	1.4
4.8	**940**	**1.15**	302.1	"	"	15000	-	5.7	790	1.35
4.0	**1120**	**0.96**	356.8	"	"	15000	-	4.8	940	1.15

Schnecken-Getriebemotoren Reihe BS

Auswahl - Schneckengetriebemotoren DHE - IE2

P = 1.1 kW

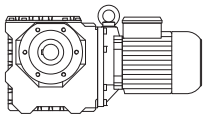


50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
116	**72**	**1.5**	12.49	**BS10-../DHE09LA4**	36	2400	-	140	60	1.8
86	**97**	**1.25**	16.92	"	"	2700	-	103	81	1.5
67	**125**	**1.0**	21.61	"	"	3000	-	81	103	1.2
55	**148**	**0.88**	26.42	"	"	3250	-	66	124	1.05
47.5	**152**	**0.86**	30.63	"	"	3550	-	57	127	1.0
113	**75**	**2.7**	12.77	**BS20-../DHE09LA4**	46	3350	-	137	62	3.2
86	**98**	**2.2**	16.92	"	"	3700	-	103	82	2.7
65	**130**	**1.75**	22.23	"	"	4100	-	79	107	2.1
52	**157**	**1.6**	27.86	"	"	4450	-	63	130	1.9
47.5	**159**	**1.55**	30.63	"	"	4750	-	57	132	1.9
44	**183**	**1.5**	32.87	"	"	4750	-	53	152	1.8
36	**210**	**1.25**	40.25	"	"	5300	-	43.5	173	1.5
34.5	**230**	**1.15**	42.08	"	"	5200	-	41.5	192	1.4
29	**240**	**1.15**	50.44	"	"	5700	-	34.5	200	1.35
25	**315**	**0.89**	58.74	"	"	5900	-	30	260	1.1
69	**126**	**3.0**	20.94	**BS30-../DHE09LA4**	64	4300	-	84	103	3.7
54	**161**	**2.5**	27.07	"	"	4750	-	65	134	3.0
47.5	**165**	**2.4**	30.63	"	"	5000	-	57	138	2.9
43	**200**	**2.1**	33.55	"	"	5200	-	52	165	2.5
38	**205**	**2.0**	37.92	"	"	5500	-	46	171	2.5
37	**225**	**1.9**	39.31	"	"	5500	-	44.5	191	2.3
29	**275**	**1.65**	50.04	"	"	5900	-	35	230	1.95
25	**320**	**1.45**	58.64	"	"	6900	-	30	265	1.75
20.5	**355**	**1.35**	71.17	"	"	7000	-	24.5	300	1.6
17.5	**460**	**0.89**	83.48	"	"	6800	-	21	385	1.05
16	**450**	**1.1**	90.59	"	"	7700	-	19.5	370	1.3
14	**510**	**1.0**	106.2	"	"	8200	-	16.5	430	1.2
12	**590**	**0.88**	125.2	"	"	8700	-	14	510	1.0
30.5	**265**	**3.1**	47.69	**BS40-../DHE09LA4**	77	9600	-	36.5	220	3.8
24	**310**	**2.8**	60.38	"	"	11200	-	29	255	3.4
21	**385**	**1.95**	69.60	"	"	11800	-	25	320	2.3
20	**365**	**2.4**	73.09	"	"	12100	-	24	305	2.9
17	**425**	**2.1**	86.33	"	"	12900	-	20.5	350	2.6
13.5	**520**	**1.85**	108.1	"	"	14000	-	16.5	425	2.2
11.5	**610**	**1.6**	126.0	"	"	14900	-	14	500	1.95
9.8	**690**	**1.4**	148.1	"	"	15000	-	12	560	1.75
8.1	**840**	**0.98**	178.2	"	"	15000	-	9.8	690	1.2

P = 1.5 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
116	**98**	**1.1**	12.49	**BS10-../DHE09XA4**	40	2400	-	140	81	1.35
86	**133**	**0.9**	16.92	"	"	2700	-	103	111	1.1
113	**102**	**1.95**	12.77	**BS20-../DHE09XA4**	50	3350	-	137	84	2.4
86	**134**	**1.65**	16.92	"	"	3700	-	103	112	1.95
65	**178**	**1.3**	22.23	"	"	4100	-	79	146	1.6
52	**210**	**1.2**	27.86	"	"	4450	-	63	177	1.4
47.5	**215**	**1.15**	30.63	"	"	4750	-	57	180	1.4
44	**250**	**1.1**	32.87	"	"	4750	-	53	205	1.3
36	**285**	**0.91**	40.25	"	"	5300	-	43.5	235	1.1
34.5	**315**	**0.86**	42.08	"	"	5200	-	41.5	260	1.05
29	**330**	**0.82**	50.44	"	"	5700	-	34.5	275	0.98
109	**109**	**3.0**	13.29	**BS30-../DHE09XA4**	68	3600	-	131	90	3.7
86	**138**	**2.6**	16.92	"	"	3950	-	103	115	3.1
69	**172**	**2.2**	20.94	"	"	4300	-	84	141	2.7
54	**220**	**1.8**	27.07	"	"	4750	-	65	182	2.2
47.5	**225**	**1.8**	30.63	"	"	5000	-	57	188	2.1

P = 1.5 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
43	**270**	**1.55**	33.55	**BS30-../DHE09XA4**	"	5200	-	52	225	1.85
38	**280**	**1.5**	37.92	"	"	5500	-	46	230	1.85
37	**310**	**1.4**	39.31	"	"	5500	-	44.5	260	1.65
29	**380**	**1.2**	50.04	"	"	5900	-	35	315	1.45
25	**440**	**1.05**	58.64	"	"	6900	-	30	365	1.25
20.5	**485**	**0.99**	71.17	"	"	7000	-	24.5	405	1.2
16	**610**	**0.8**	90.59	"	"	7700	-	19.5	500	0.98
43.5	**260**	**3.0**	33.35	**BS40-../DHE09XA4**	81	8300	-	53	215	3.6
38	**275**	**2.8**	38.13	"	"	9400	-	46	225	3.5
36	**310**	**2.6**	40.37	"	"	9000	-	43.5	260	3.1
30.5	**365**	**2.3**	47.69	"	"	9600	-	36.5	305	2.7
24	**420**	**2.0**	60.38	"	"	11200	-	29	350	2.5
21	**520**	**1.45**	69.60	"	"	11800	-	25	440	1.7
20	**500**	**1.75**	73.09	"	"	12100	-	24	415	2.1
17	**580**	**1.55**	86.33	"	"	12900	-	20.5	480	1.9
13.5	**710**	**1.35**	108.1	"	"	14000	-	16.5	580	1.65
11.5	**830**	**1.2**	126.0	"	"	14900	-	14	680	1.45
9.8	**950**	**1.0**	148.1	"	"	15000	-	12	770	1.25

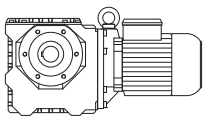
P = 2.2 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
113	**150**	**1.35**	12.77	**BS20-../DHE09XA4C**	53	3350	-	137	124	1.6
86	**197**	**1.1**	16.92	"	"	3700	-	103	165	1.35
65	**260**	**0.88**	22.23	"	"	4100	-	79	215	1.05
109	**159**	**2.1**	13.29	**BS30-../DHE09XA4C**	71	3600	-	131	133	2.5
86	**200**	**1.8**	16.92	"	"	3950	-	103	169	2.1
69	**250**	**1.5**	20.94	"	"	4300	-	84	205	1.85
54	**320**	**1.25**	27.07	"	"	4750	-	65	265	1.5
47.5	**330**	**1.2**	30.63	"	"	5000	-	57	275	1.45
43	**400**	**1.05**	33.55	"	"	5200	-	52	330	1.25
38	**410**	**1.0**	37.92	"	"	5500	-	46	340	1.25
37	**455**	**0.95**	39.31	"	"	5500	-	44.5	380	1.15
29	**550**	**0.82**	50.04	"	"	5900	-	35	460	0.98
86	**205**	**3.3**	16.92	**BS40-../DHE09XA4C**	84	6400	-	103	173	3.9
69	**245**	**2.9**	21.06	"	"	6900	-	83	205	3.5
56	**305**	**2.4**	26.18	"	"	7500	-	67	255	2.9
47.5	**325**	**2.3**	30.63	"	"	8700	-	57	270	2.8
43.5	**385**	**2.0**	33.35	"	"	8300	-	53	315	2.5
38	**400**	**1.95**	38.13	"	"	9400	-	46	330	2.4
36	**460**	**1.75**	40.37	"	"	9000	-	43.5	380	2.1
30.5	**530**	**1.55**	47.69	"	"	9600	-	36.5	445	1.85
24	**620**	**1.4**	60.38	"	"	11200	-	29	510	1.7
21	**770**	**0.97**	69.60	"	"	11800	-	25	640	1.15
20	**730**	**1.2**	73.09	"	"	12100	-	24	610	1.45
17	**850**	**1.05**	86.33	"	"	12900	-	20.5	700	1.3
13.5	**1040**	**0.91**	108.1	"	"	14000	-	16.5	850	1.1
11.5	**1220**	**0.8**	126.0	"	"	14900	-	14	1000	0.98

Schnecken-Getriebemotoren Reihe BS

Auswahl - Schneckengetriebemotoren DHE - IE2

P = 3 kW



50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
109	**215**	**1.55**	13.29	**BS30-../DHE11MA4**	77	3600	-	131	181	1.85
86	**275**	**1.3**	16.92	"	"	3950	-	103	230	1.55
69	**340**	**1.1**	20.94	"	"	4300	-	84	280	1.35
54	**440**	**0.91**	27.07	"	"	4750	-	65	365	1.1
47.5	**450**	**0.89**	30.63	"	"	5000	-	57	375	1.05
111	**215**	**2.9**	13.03	**BS40-../DHE11MA4**	95	5800	-	134	181	3.4
86	**280**	**2.4**	16.92	"	"	6400	-	103	235	2.9
69	**340**	**2.1**	21.06	"	"	6900	-	83	280	2.5
56	**415**	**1.8**	26.18	"	"	7500	-	67	350	2.1
47.5	**445**	**1.7**	30.63	"	"	8700	-	57	370	2.0
43.5	**520**	**1.5**	33.35	"	"	8300	-	53	430	1.8
38	**550**	**1.4**	38.13	"	"	9400	-	46	450	1.75
36	**620**	**1.3**	40.37	"	"	9000	-	43.5	520	1.55
30.5	**730**	**1.15**	47.69	"	"	9600	-	36.5	610	1.35
24	**840**	**1.0**	60.38	"	"	11200	-	29	700	1.25
20	**1000**	**0.88**	73.09	"	"	12100	-	24	830	1.05

P = 4 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
109	**290**	**1.15**	13.29	**BS30-../DHE11LA4**	89	3600	-	131	240	1.4
86	**365**	**0.99**	16.92	"	"	3950	-	103	305	1.2
69	**455**	**0.84**	20.94	"	"	4300	-	84	375	1.0
111	**290**	**2.1**	13.03	**BS40-../DHE11LA4**	107	5800	-	134	240	2.6
86	**375**	**1.8**	16.92	"	"	6400	-	103	315	2.1
69	**450**	**1.6**	21.06	"	"	6900	-	83	375	1.9
56	**550**	**1.35**	26.18	"	"	7500	-	67	465	1.6
47.5	**590**	**1.25**	30.63	"	"	8700	-	57	495	1.5
43.5	**700**	**1.1**	33.35	"	"	8300	-	53	570	1.35
38	**730**	**1.05**	38.13	"	"	9400	-	46	600	1.3
36	**830**	**0.96**	40.37	"	"	9000	-	43.5	690	1.15
30.5	**970**	**0.86**	47.69	"	"	9600	-	36.5	810	1.0

P = 5.5 kW

50 Hz			i	Typ	m	F_{RN}	F_{RV}	60 Hz		
n_2	M_2	f_B						n_2	M_2	f_B
1/min	Nm				kg	N	N	1/min	Nm	
110	**395**	**0.84**	13.29	**BS30-../DHE11LA4C**	93	3600	-	133	325	1.0
113	**395**	**1.55**	13.03	**BS40-../DHE11LA4C**	111	5800	-	136	325	1.9
87	**510**	**1.3**	16.92	"	"	6400	-	105	425	1.6
70	**610**	**1.15**	21.06	"	"	6900	-	84	510	1.4
56	**760**	**0.97**	26.18	"	"	7500	-	68	630	1.15
48	**800**	**0.94**	30.63	"	"	8700	-	58	670	1.1
44	**950**	**0.82**	33.35	"	"	8300	-	53	790	0.99