

TECHNICAL CHARACTERISTICS

High endurance gearbox for heavy duty continuous workload in any position, at room temperature from 15°C to 100°C, with **torque load up to 40 Nm, steady load.**

- **Box.** Anodized aluminium box. Frontal mounting by four Ø9 holes.
- **Gear set.** Hobbed helical gear set with metallic pinions and gear wheels with case hardening treatment.
- Adjusted with prime quality ball bearings.
- **Output shaft.** Steel hollow shaft Ø 20mm with DIN 6885 keyway.
- **Output shaft load:**

Axial direction, pull or push	500 N.
Radial direction, at 20 mm from box	1350 N.
- 14 ratios from 23:1 to 350:1


MOTOR COUPLING:

- **Direct C:** BG62Sx30 type 24 V

OPTIONAL:

- Different possible dimensions for output shaft.
- Possibility to have double output shaft.

Your special requests are welcome.

			MOTORES DE C.C. SIN ESCOBILLAS DC BRUSHLESS MOTORS Dunker BG62Sx30		
			BG62Sx30 24V		
Reduction ratio i = X:1	Stages	Efficiency	No load speed n_0 (r.p.m.)	Nominal Speed n_N (r.p.m.)	Nominal Torque (N.m)
22,68	3	0,73	169,97	132,28	3,31
28,83	3	0,73	133,71	104,06	4,20
37,58	3	0,73	102,58	79,83	5,48
47,77	3	0,73	80,70	62,80	6,96
68,05	4	0,66	56,65	44,09	8,93
98,1	4	0,66	39,30	30,58	12,87
112,74	4	0,66	34,19	26,61	14,79
124,7	4	0,66	30,91	24,06	16,36
143,32	4	0,66	26,90	20,93	18,81
194,28	4	0,66	19,84	15,44	25,49
240,79	5	0,59	16,01	12,46	28,44
276,74	5	0,59	13,93	10,84	32,68
306,09	5	0,59	12,59	9,80	36,15
351,78	5	0,59	10,96	8,53	Ex. torque Torque max. 40 N·m

Exceeds maximal
admissible torque

GEARBOX TIPS:

Noise: noise level depends on load symmetry, location (avoid acoustic resonance), and rotation speed; the lower the speed on the input shaft (motor), the lower the noise.