

Nachfolgetyp für Artikel Nr.:188F7907

**Bauer Article No.: 188M4232**

**Helical-g geared motor with Single-disc spring setting brake**

Type	: BG80-11/DHE16LB4-S/ESX125A9		
Motor power	(kW) : 11	Mounting	: B3
Output shaft speed	(rpm) : 39,0	Terminal box position	: I / A
Torque	(Nm) : 2650	Dimensional drawing	: BG80-BG80Z
Service factor fB	: 1,6	Catalogue	: B 2010
Corrosion protection	: Standard	net weight per unit	: ca. 257 kg
Painting	: RAL 7031		
ambient temperature	°C : -20 - +40		

**Gear design:**

Type	: BG80 2 -staged Helical gear
Design code 11	: foot with clearance hole on side bottom
	: solid output shaft on gear side front (d: 70 mm)
Total gear reduction i	: 38,00
Oil-type/-volume (l)	: CLP 220 / 11

**Design of the motor:**

Type	: Three-phase squirrel cage motor DHE16LB4-S		
Voltage	(V) : 400/690	Rated speed	(rpm) : 1470
Connection	: D/Y	IP prot. type per EN 60529	: IP 65
Frequency	(Hz) : 50	IC cool. type EN 60034-6	: IC 411
Rated current	(A) : 22,5/13,0	Design acc. to DIN VDE 0530-1/EN 60034-1	
Power factor (cos phi)	: 0,78	Terminal box size	: TB322
Temperature class	: F	efficiency class acc. to EN 60034-2-1	: IE2 - 90,3 %

**Design of the brake: Working brake below the fan cowl**

Type	: Single-disc spring setting brake ESX 125 A 9		
Braking torque	: 85 Nm		
IP prot. type per EN 60 529	: IP 65	supplemental dim. drawing	: N-BR
Coil voltage	: 103 V	Coil current	: 1.06 A

cable version, connecting ends of the magnet coil led to rectifier in motor terminal box.

With standard rectifier installed in motor terminal box

Type	: SG 3.575 B		
Connection voltage AC 50/60 Hz	: 220..230 V	Output DC	: 103 V
Connection current	: 0.75 A		

**Please note:**

Motor

Motor connection by means of CAGE-CLAMP.  
 CAGE CLAMP is a Registered Trademark of the company WAGO