

## Position 10

**Specification as Motor-Nr.: 171U8741, however the offered drive is in the current IE3 version (EU/USA energy efficiency regulations), hence the name DPE09XB4C.**

**· Today's standard motor DPE09XB4C is 58mm longer.**

### Bauer Article No.: 189J6650

#### Helical-gear motor

Type	: BG30-27/DPE09XB4C-TF/SP		
Motor power	(kW) : 2,2	Mounting	: B5
Output shaft speed	(rpm) : 215	Terminal box position	: IV / A
		Dimensional drawing	: BG30-BG30Z
Corrosion protection	: Standard	Catalogue	: B 2010
Painting	: RAL 7031	net weight per unit	: ca. 42 kg
ambient temperature	°C : -20 - +40		

Suitable for operation on static converter in the frequency range	: 5	-	50	-	87	-	100	Hz
Voltage	: 37	-	230	-	400	-	400	V D
Output	: 0,134	-	2,2	-	3,85	-	4,4	kW
synchron speed	: 22,0	-	220	-	385	-	440	rpm
Torque	: 58	-	97	-	97	-	97	Nm
Load current approximately	: 8,9							A
Service factor	: 2,2							

#### Gear design:

Type	: BG30 2 -staged Helical gear
Design code 27	: with small flange on side front (d: 160 mm)
	: solid output shaft on gear side front for flangeversion
Total gear reduction i	: 6,75
Oil-type/-volume (l)	: CLP 220 / 1,0
<b>Add./Special design:</b>	Special output shaft nach ZN. ((d x l): 25 mm x 145.5 mm)

#### Design of the motor:

Type	: Three-phase squirrel cage motor DPE09XB4C-TF		
Voltage	(V) : 230	Rated speed	(rpm) : 1450
Connection	: D	IP prot. type per EN 60529	: IP 65
Frequency	(Hz) : 50	IC cool. type EN 60034-6	: IC 411
Rated current	(A) : 8,2	Design acc. to DIN VDE 0530-1/EN 60034-1	
Power factor (cos phi)	: 0,77	Terminal box size	: KAG2
Temperature class	: F	efficiency class acc. to EN 60034-2-1	: IE3 - 86,8 %
<b>Add./Special design:</b>	With built in thermistors for release per supplemental connection diagram ZK010.1040-14.		

#### Please note:

##### Motor

Motor connection by means of CAGE-CLAMP.  
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At higher input speeds, increased operating noise and temperature rise of the gear motor can be expected. Furthermore, the lifetime of the shaft seals will reduce, which needs to be observed, when setting service intervals.

Product information according to EU Regulation (EU) 2019/1781 Annex I Sector 2:  
<https://www.bauergears.com/euprodinfo>

Please check whether the allocation of voltage and frequency for the motor and converter match.

*Ihre treibende Kraft - Your driving power*

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