

Bauer Article No.: 189F8651

worm geared motor

Type	: BS03-37V/DHE07LA4/SP		
Motor power	(kW) : 0,25	Mounting	: H2
Output shaft speed	(rpm) : 35,5	Terminal box position	: III / A
Torque	(Nm) : 43,0	Dimensional drawing	: BS03/E3-D14
Service factor fB	: 1,3	Catalogue	: B 2010
Corrosion protection	: Standard	net weight per unit	: ca. 9,9 kg
Painting	: RAL 6011		
ambient temperature	°C : -20 - +40		

Gear design:

Type	: BS03 1 -staged worm gear
Design code 37V	: with standard flange on side front (d: 120 mm)
	: solid output shaft on gear side front for flangeversion (d: 14 mm)
Total gear reduction i	: 39,00
Add./Special design:	With special output shaft. one side (lang) AW BS03/E3, d x l : 14 x 30 mm
	Lubricant type: PGLP 220

Design of the motor:

Type	: Three-phase squirrel cage motor DHE07LA4		
Voltage	(V) : 230/400	Rated speed	(rpm) : 1375
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) : 1,32/0,76	Design acc. to DIN VDE 0530-1/EN 60034-1	
Power factor (cos phi)	: 0,68	Terminal box size	: KAG2
Temperature class	: B	efficiency class acc. to EN 60034-2-1	: IE2 - 69,4 %

Please note:

Gearbox

Gearboxes with torque reaction by means of flange or torque arm must have the torque reaction on the same side as the radial force over the output shaft. Please contact the factory in case of other designs.

Motor

Motor connection by means of CAGE-CLAMP.

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Further data according to Annex I Sector 2 of the Energy Efficiency

Regulation (EU) 2019/1781 can be found under the link:

<https://www.bauergears.com/en/energy-efficiency/product-information-eu>