

Bauer Article No.: 189G6675

bevel geared motor with Single-disc spring setting brake

Type	: BK20Z-62U/DHE07LA4-TF-S/E003B9HN		
Motor power	(kW) : 0,25	Mounting	: V2
Output shaft speed	(rpm) : 9,6	Terminal box position	: II / A
Torque	(Nm) : 205	Dimensional drawing	: BK20-BK20Z
Service factor fB	: 1,6	Catalogue	: B 2010
Corrosion protection	: Standard	net weight per unit	: ca. 39 kg
Painting	: RAL 7031		
ambient temperature	°C : -20 - +40		

Gear design:

Type	: BK20Z 3-staged bevel gear
Design code 62U	: with foot with tapped holes on side bottom
	: solid output shaft on gear side rear (d: 35 mm)
Total gear reduction i	: 144,5
Add./Special design:	Lubricant type: PGLP 460

Design of the motor:

Type	: Three-phase squirrel cage motor DHE07LA4-TF-S		
Voltage	(V) : 400	Rated speed	(rpm) : 1375
Connection	: Y	IP prot. type per EN 60529	: IP 65
Frequency	(Hz) : 50	IC cool. type EN 60034-6	: IC 411
Rated current	(A) : 0,76	Design acc. to DIN VDE 0530-1/EN 60034-1	
Power factor (cos phi)	: 0,68	Terminal box size	: KAG2
Temperature class	: F	efficiency class acc. to EN 60034-2-1	: IE2 - 69,4 %
Add./Special design:	With built in thermistors for release per supplemental connection diagram ZK010.1040-14.		

Design of the brake:

	Brake below the fan cowl		
Type	: Single-disc spring setting brake E 003 B 9 HN		
Braking torque	: 3,00 Nm		
IP prot. type per EN 60 529	: IP 65	supplemental dim. drawing	: N-BR
Coil voltage	: 180 V	Coil current	: 0.13 A
cable version, connecting ends of the magnet coil led to rectifier in motor terminal box.			
Add./Special design:	With non-lockable hand release.		

With standard rectifier installed in motor terminal box

Type	: SG 3.575 B		
Connection voltage AC 50/60 Hz	: 380..420 V	Output DC	: 180 V
Connection current	: 0.09 A		

Please note:

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>