

Nachfolgetyp für Motor Nr.: 188R8017, jedoch in IE3 Variante (EU/USA-Energieeffizienzvorschriften), daher die Bezeichnung DPE.

Bitte prüfen Sie die An- bzw. Einbaumöglichkeit anhand des beigefügten Maßbildes.

Bauer Article No.: 189P7294

shaft-mounted geared motor with Single-disc spring setting brake

Type	: BF50Z-65RLWA/DPE08XA4-TF-ST-S/ESX010A8/AM		
Motor power	(kW) : 0,55	Mounting	: H2
Output shaft speed	(rpm) : 8,5	Terminal box position	: IV / B
Torque	(Nm) : 610	Dimensional drawing	: BF50-BF50Z-AM
Service factor fB	: 2,1	Catalogue	: B 2010
Corrosion protection	: Standard	net weight per unit	: ca. 91 kg
Painting	: RAL 3004		
ambient temperature	°C : -20 - +40		

Gear design:

Type	: BF50Z 3 -staged shaft-mounted gear
Design code 65RLWA	: with foot with tapped holes on side left + right
	: hollow shaft for shrink disk connection on gear side at rear (d: 60 mm)
Total gear reduction i	: 205,2
Oil-type/-volume (l)	: CLP 220 / 3,8/0,92
Add./Special design:	With double shaft seal on the output shaft.
	With shrinkable disk connection with nominal diameter 68 mm. supplemental dim. drawing: N-BF-SSV.
	Shrink disk supplied loosely as enclosure !
	With shrink disk cover. Dimensional drawing: N-BF-SSVAD.

Design of the motor:

Type	: Three-phase squirrel cage motor DPE08XA4-TF-ST-S		
Voltage	(V) : 460	Rated speed	(rpm) : 1740
Connection	: Y	IP prot. type per EN 60529	: IP 65
Frequency	(Hz) : 60	IC cool. type EN 60034-6	: IC 411
Rated current	(A) : 1,25		
Power factor (cos phi)	: 0,67	Terminal box size	: TBS112
Temperature class	: F	efficiency class acc. to EN 60034-2-1 : IE3 - 82,9 %	

Add./Special design:

Harting plug connection HAN 10 ES
per dimensional drawing TBS11.-06-A3 and connection diagram HS11210000/01:
Attached housing 09 300 100 301 - 2 Bügel
Pin insert 09 330 102 616
sleeve housing -
Use of bushing -
Enclosure 09 300 105 407
With built in thermistors for release
per supplemental connection diagram Z010.1040-14.

Design of the brake:

	Working brake below the fan cowl		
Type	: Single-disc spring setting brake ESX 010 A 8		
Braking torque	: 8,0 Nm		
IP prot. type per EN 60 529	: IP 65	supplemental dim. drawing	: N-BR
Coil voltage	: 50 V	Coil current	: 0.56 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	: 100..127 V	Output DC	: 50 V
Connection current	: 0.40 A		

Please note:

Gearbox

To provide for radial alignment tolerances, with the gearbox design "quill shaft and base plate" particularly special care must be taken with installation. We recommend mounting the gearbox elastically, in order to avoid indeterminate bearing forces.

Angular errors cannot be compensated for by this method.

Motor

