

Bauer Article No.: 188Z2954**worm geared motor**

Type	: BS03-74VH/DXS08LA4-TX/SP		
Ex-Marking	: II 3 D Ex tc IIIC T160°C Dc		
Motor power	(kW) : 1,1-S3/S6-60%	Mounting	: H1
Output shaft speed	(rpm) : 305	Terminal box position	: IV / A
Torque	(Nm) : 30,0	Dimensional drawing	: BS03
Service factor fB	: 1,35	Catalogue	: DG 07
Corrosion protection	: Standard	net weight per unit	: ca. 12 kg
Painting	: RAL 7031		
ambient temperature	°C : -20 - +40		

Gear design:

Type	: BS03 1 -staged worm gear		
Design	: II 2 G Ex h IIC T3 Gb / II 2 D Ex h IIIC T160° Db acc. to EN80079-36, -37		
Design code 74VH	: C-Flange with tapped holes on side front + rear		
	: hollow shaft with keyway (d: 20 mm)		
Total gear reduction i	: 4,60		
Add./Special design:	With assembly tools -holding- loose as enclosure		
	Lubricant type: PGLP680		

Design of the motor:**Explosion proof Three-phase squirrel cage motor in special design for use in category 3D, Zone 22**

Type	: DXS08LA4-TX		
Ex-Marking	: II 3 D Ex tc IIIC T160°C Dc		
Voltage	(V) : 380	Rated speed	(rpm) : 1400
Connection	: Y	IP prot. type per EN 60529	: IP 65
Frequency	(Hz) : 50	IC cool. type EN 60034-6	: IC 411
Rated current	(A) : 2,95		
Relative starting current IA/IN	: 3,3		
Power factor (cos phi)	: 0,82		
Temperature class	: F	Design acc. to EN 60034 and EN 60079	
Terminal box size	: KAG2		

Add./Special design: With built in thermistors for release
per supplemental connection diagram ZK010.1040-14.
Fan made of Aluminium .
With external grounding clamp

Please note:**Gearbox**

Our safety instructions (operating instruction P-8416-BGM) for the use of explosion protected geared motors must be followed. Should you not have a copy of these instructions, please request a copy (also available in electronic form) from us. In case of order, you will receive a copy of this important document for the planning phase together with the delivery.

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

The motor is designed for operation in S3/S6-60% mode. Please note the instructions pertaining to motor protection in the catalog !

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

Voltage and frequency range = Area A acc. to EN 60034-1

Motor not within the scope of Regulation (EU) 2019/1781 according to Article2, paragraph 1a)(iv).