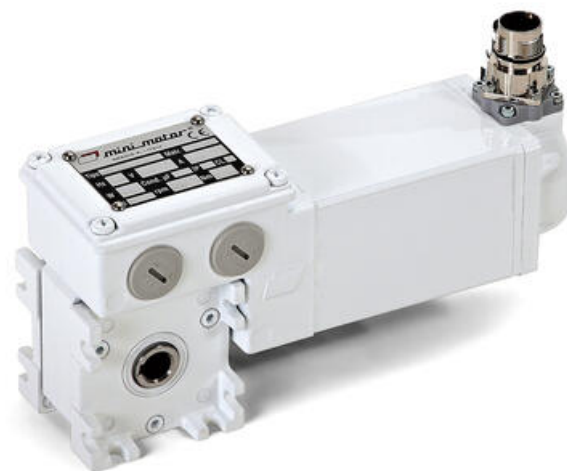


## MINIMOTOR MCFBS WORM GEAR MOTOR

MCFBS 55/100-30 B5  
230V 100rpm 9.6 Nm B5 mount

- For clean environments
- IP67 as standard
- Up to 13Nm rated torque
- 4 pole brushless motor
- Fitted with sealed connector



### PRODUCT DESCRIPTION

White epoxy coating for increased protection against chemicals and harsh working environments.  
IP67 rated with no external fan.

MOTOR: 4 poles sinusoidal brushless motor, totally enclosed. Rotor with NdFeB magnets. Safety circuit breaker. Class H winding in accordance with CEI EN 60034-1. IP67 standard protection in accordance with CEI EN 60529. Feedback with 2 pole resolver. Reduced clearance bearings with special grease for high temperatures.

GEARUNIT: with die-cast aluminium casing. Centre distance 26 mm. CARO bronze ring, 120÷160 HB hardness. Worm gear in hardened steel with grinding thread rotating on ball and roller bearings, output shaft in stainless steel on request.

Lubrication with special long-lasting oil. Sealing rings made in special rubber for high temperatures. 10 gear ratios (i) available, from 5 to 80. Rated torque 9 Nm. Version B3 or B5. B5/S left version - B5/D right version.

[Please click here for 2D and 3D drawings](#)

### TECHNICAL DATA

Nominal speed	100 rpm
Nominal torque	9.6
Ratio	30:1

#### 4-20V model selection

 <p>Electric motors</p> <p>15.06.2017</p>	 <p>Gear motor</p> <p>15.06.2017</p>	 <p>Worm gearmotors</p> <p>15.06.2017</p>	 <p>Brushless servomotors</p> <p>15.06.2017</p>	 <p>Clean products</p> <p>15.06.2017</p>
 <p>Directs</p> <p>15.06.2017</p>				

Please see product description above for 2D and 3D drawings

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