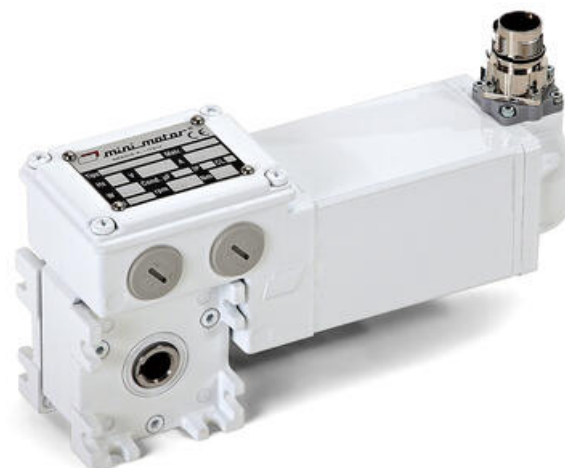


MINIMOTOR MCFBS WORM GEAR MOTOR

MCFBS 55/100-30 B3
230V 100rpm 9.6 Nm B3 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



Electric motors

15.06.2017



Gear motor

15.06.2017



Worm gear motors

15.06.2017



Brushless servomotors

15.06.2017



Clean products

15.06.2017



Direct

15.06.2017

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

4-20V model selection



Electric motors

15.06.2017



Gear motor

15.06.2017



Worm gear motors

15.06.2017



Brushless servomotors

15.06.2017



Clean products

15.06.2017



Direct

15.06.2017

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