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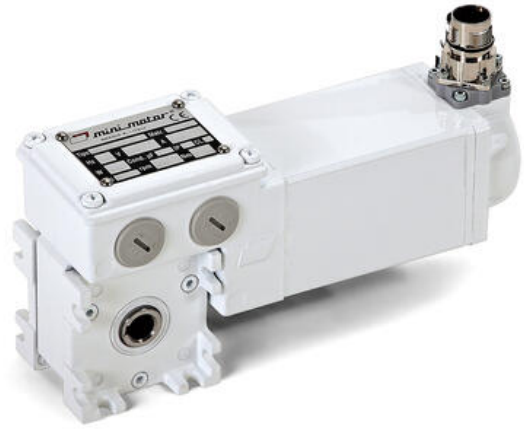
# MINIMOTOR MCFBS WORM GEAR MOTOR

MCFBS 55/50-30 B5
230V 100rpm 7 Nm B5 mount

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



### PRODUCT DESCRIPTION

White epoxy coating for incerased protection against chemicals and harsh working enviroments.
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.

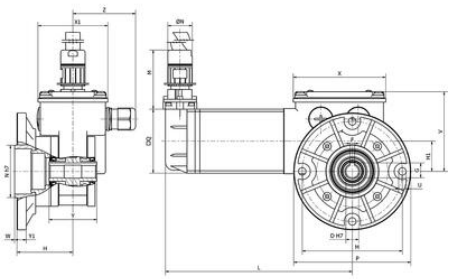
GEARUNIT: with die-cast aluminium casing. Centre distance 26 mm. CARO bronze ring, 120÷160 HB hardness. Worm gear in hardened steel with grinding thread rotating on ball and roller bearings, output shaft in stainless steel on request.

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** | 7 |
| **Ratio** | 30:1 |



B5/S

| Tipo<br>Type<br>Typ<br>Type<br>Tipo | D | F | G | H | H1 | L | M | N | P | Q | U | V | X | X1 | Y | Y1 | W | Z | Peso<br>Weight<br>Gewicht<br>Poids<br>Peso<br>kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MCF85 55/50 | 11 | 4 | 12,8 | 48 | 26 | 160,5 | 86 | 21 | 100,5 | 55 | 6,5 | 69 | 80 | 60 | 41 | 8 | 2 | 56 | 2,05 |

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

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