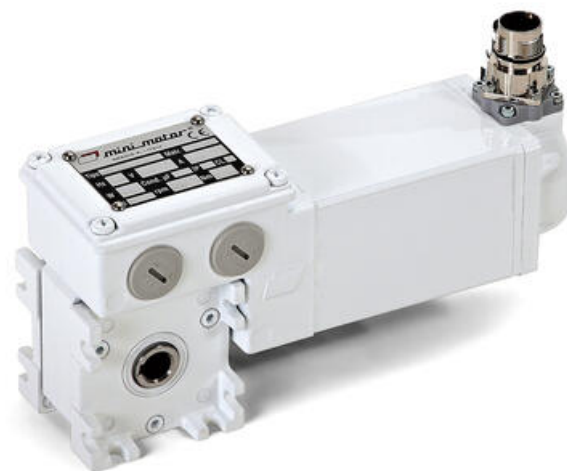


MINIMOTOR MCFBS WORM GEAR MOTOR

MCFBS 55/50-80 B3
230V 37.5rpm 9 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.

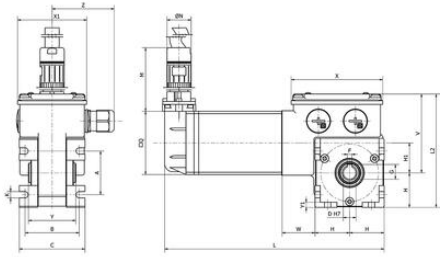
GEARUNIT: with die-cast aluminium casing. Centre distance 26 mm. CARO bronze ring, 120÷160 HB hardness. Worm gear in hardened steel with grinding thread rotating on ball and roller bearings, output shaft in stainless steel on request.

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	37.5 rpm
Nominal torque	9
Ratio	80:1



B3

Motor Type	A	B	C	D	F	G	H	H1	K	L	L2	Q	V	X	X1	Y	Y1	W	Z	Note: Mounting bracket from B3
MOFBS 55/90	38	47	58	11	4	12,8	30	26	5,5	190,5	99	55	69	80	60	41	4,5	28,5	56	1,90

CM model selection

Electric motors

15.06.2017

Gear motor

15.06.2017

Worm gearmotors

15.06.2017

Brushless servomotors

15.06.2017

Clean products

15.06.2017

Drives

15.06.2017

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

CM model selection

Electric motors

15.06.2017

Gear motor

15.06.2017

Worm gearmotors

15.06.2017

Brushless servomotors

15.06.2017

Clean products

15.06.2017

Drives

15.06.2017

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