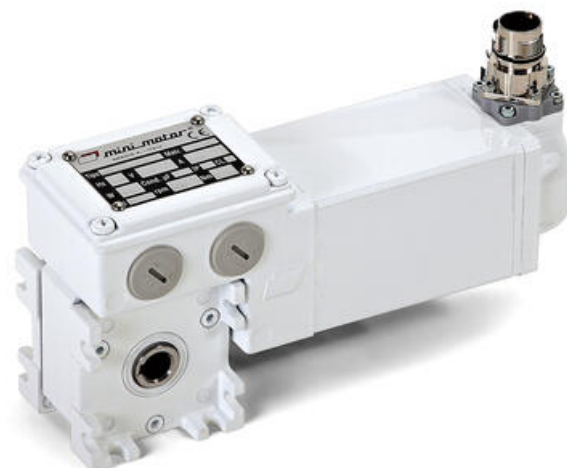


## MINIMOTOR MCFBS WORM GEAR MOTOR

MCFBS 55/50-80 B5  
230V 37.5rpm 9 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.

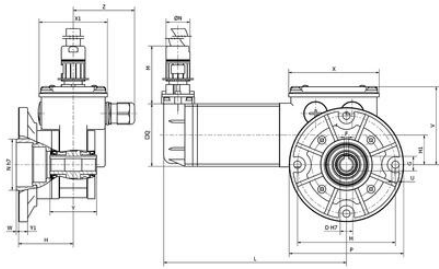
GEARUNIT: with die-cast aluminium casing. Centre distance 26 mm. CARO bronze ring, 120÷160 HB hardness. Worm gear in hardened steel with grinding thread rotating on ball and roller bearings, output shaft in stainless steel on request.

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	37.5 rpm
Nominal torque	9
Ratio	80:1



B5/S

Type	D	F	G	H	H1	L	M	N	P	Q	U	V	X	X1	Y	Y1	W	Z	Power Output Power Factor No.
MC785 S5/S0	11	4	12,8	48	26	160,5	86	21	100,5	55	6,5	69	80	60	41	8	2	56	2,05

MC785 model selection



Electric motor

11.06.2017



Servo motor

11.06.2017



Worm gearmotor

11.06.2017



Brushless servomotor

11.06.2017



Clean products

11.06.2017



Circuit

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

MC785 model selection



Electric motor

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