

MINIMOTOR - MCC WORM GEAR MOTOR

MCC12MP3B3-373

12V dc 373rpm 0.6Nm B3 mount

- 12 or 24VDC
- 37 to 150W delivered power
- Up to 9Nm rated torque
- B3 foot or B5 flange mounting
- IP65 as standard



PRODUCT DESCRIPTION

High quality, designed from the ground up to IP65 rated compact gear motor.

Physically smaller than the majority of similar powered gear motors due to the use of high quality components in precision manufacturing.

Ideally suited to many applications, including label and packaging machines, conveyors, pharmaceutical and medical machinery

MP MOTOR: Direct current with permanent magnets. Totally enclosed, with external ventilation. Class F winding. 12 or 24 Vdc power supply. Absorbed power 60 W. IP 65 protection according to CEI EN 60529.

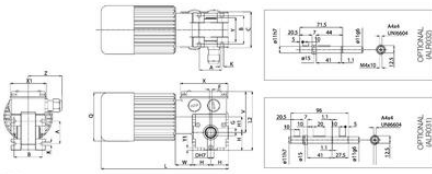
MP3N-MP4N MOTOR: Direct current with permanent magnets. Totally enclosed without external ventilation. Class F insulation. 12 or 24 Vdc power supply. Absorbed power 230 W. IP65 protection according to CEI EN 60529.

GEAR UNIT: Die-cast aluminium casing. Centre distance 26 mm. CARO bronze ring, 120+160 HB hardness. Hardened steel screw with ground thread rotating on ball and roller bearings. Lubrication with special long life oil. Sealing rings made in special rubber for high temperatures. 9 gear ratios (i) available, from 7.5 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

Input voltage dc	12V
IP class	IP65
Nominal speed	373 rpm
Nominal torque	0,6 Nm
Output power	37 W
Rated current	5A A
Ratio	7.5:1



B3

MCC_MP	A	B	C	D	F	G	H	HI	K	L	L2	Q	V	X	X1	Y	Y1	W	Z	Flux Output Range (Peak) Φ_p
	38	47	58	11	4	12,8	30	26	5,5	183	99	81	69	80	60	41	4,5	28	56	1,600

4G motor selection

■ Electric motor
 ■ Gearmotor
 ■ Worm gearmotor
 ■ Brushless servomotor
 ■ Clear products
 ■ Drives

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