

## MINIMOTOR - MCCE WORM GEAR MOTOR WITH PLANETARY REDUCTION

MCCE12MPB3-74

12V dc 74rpm 2.8Nm B3 mount



- 12 or 24VDC
- 37 to 150W delivered power
- Up to 23.5Nm 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. IP65 protection according to CEI EN 60529.

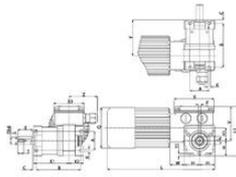
**MP3N-MP4N MOTOR:** Direct current with permanent magnets, totally enclosed motor without external ventilation. Class F insulation. 12 or 24 Vdc power supply. Absorbed power 230 W. IP 65 protection according to CEI EN 60529.

**GEAR UNIT:** Die-cast aluminium casing in the first reduction stage, with worm screw and steel casing in the second planetary stage, with three internal planetary gears. CARO bronze ring, 120÷160 HB hardness. Hardened steel screws with ground threads 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 37.5 to 400. Rated torque 23.5 Nm. Version B3 or B5. B5/S left version - B5/D right version.

[Please click here for 2D and 3D drawings](#)

### TECHNICAL DATA

4967_Rated current (A)	5A
Input voltage dc	12V
IP class	IP65
Nominal speed	74 rpm
Nominal torque	2.8
Output power	37 W
Ratio	37.5:1



**B3/S**

Type	A	B	C	D	E	F	G	H	K	L	L1	Q	S	T	V	W	X	X1	X2	X3	Y	Y1	Z	Price Zwei- Quartil Preis Stk.	
MCCE_MP	38	88	7	14	30	5	16	30	26	5,5	183	99	81	M5	10	69	28	80	70	29	60	75	6	56	2.420

**C3D motor selection**



Electric motor

11.06.2017



Geared motor

11.06.2017



Worm gearmotors

11.06.2017



Brushless servomotors

11.06.2017



Clean products

11.06.2017



Drives

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

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