OEM AUTOMATIC

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mini motor
MECHATRONIC SOLUTIONS

MINIMOTOR - PC WORM GEAR MOTOR

PC240M3B3-400
230V 1 ph 400rpm 3.3Nm B3 mount

- Single or three phase
- 44 to 270W delivered power
- Up to 20Nm 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
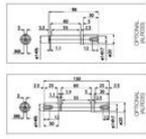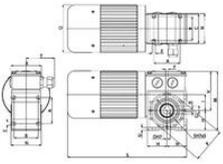
MOTOR: Asynchronous single or three phase with 2 or 4 poles, totally enclosed with external ventilation. Thermal safety cutout on single phase model. Class F winding. IP65 protection according to CEI EN 60529.

GEAR UNIT: Die-cast aluminium casing. Centre distance 32 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 to 100. Rated torque 20 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)	1.03A
Capacitor	8µF
Input voltage ac	230V
IP class	IP65
Nominal speed	400 rpm
Nominal torque	3.3
Output power	140 W
Ratio	7:1

B3

Tipo Type Typ Tipo	A	B	C	D	E	F	G	H	I	L	M	N	P	Q	R	S	T	U	V	X	Peso Weight Gewicht Poids Peso kg
PC...M3	52	48	58	14	6,5	5	16,3	39	32	236	119	60	68	95	M5	61	56	5	80	60	4,070
PC...M4	52	48	58	14	6,5	5	16,3	39	32	266	119	60	68	95	M5	61	56	5	80	60	5,020