

MINIMOTOR - PAE - COAXIAL GEAR MOTOR WITH ADDITIONAL PLANETARY GEAR

PAE 140M2TB3-16.5
230/400V 3 ph 16.5rpm 18 Nm B3 mount



- Single or three phase
- 34 to 180W delivered power
- Up to 90Nm 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: First stage with die-cast aluminium casing, second stage in steel. Case-hardened and hardened gear pairs with shafts rotating on roller bearings. Lubrication with long life oil. Sealing rings made in special rubber for high temperatures. 13 gear ratios (i) available, from 48.7 to 1770.9. Rated torque 90 Nm. Version B3 or B5.

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


TECHNICAL DATA


Input voltage ac	230/400V
Nominal speed	16.5 rpm
Nominal torque	18
Output power	38 W
Rated current	0.33Δ/0.19Y
Ratio	83.6:1


B3


	A	B	C	D	E	F	G	H	K	K1	L	L1	N	O	R	S	T	V	X	X1	Y	Y1	Y2	Y3	W	Z	Z1	Motor Output Power (W)
PAE_M2	100	80	28	24	50	8	27	56	9	M10	67	117	67	95	120	M8	22	71	80	60	17	136	13	15	1	56	60	6,990
PAE_M3	100	80	28	24	50	8	27	56	9	M10	67	117	67	95	120	M8	22	71	80	60	17	136	13	15	1	56	60	7,750


CAD model selection

 Electric motor
15.06.2017

 Geared motor
15.06.2017

 Worm gearmotor
15.06.2017

 Brushless servomotor
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 Clean products
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 Drives
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