

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 Nm
Output power	38 W
Rated current	0.33Δ/0.19Y A
Ratio	83.6:1

Technical drawing of a motor assembly showing front and side views with dimension lines and labels.

Front View Dimensions:

- Y:** Total height of the motor assembly.
- X1:** Distance from the center of the motor to the center of the mounting bracket.
- E:** Distance from the center of the motor to the center of the mounting bracket.
- N:** Distance from the center of the motor to the center of the mounting bracket.
- Z1:** Distance from the center of the motor to the center of the mounting bracket.
- R:** Distance from the center of the motor to the center of the mounting bracket.
- K1:** Distance from the center of the motor to the center of the mounting bracket.
- Z:** Distance from the center of the motor to the center of the mounting bracket.

Side View Dimensions:

- X:** Distance from the center of the motor to the center of the mounting bracket.
- Y1:** Distance from the center of the motor to the center of the mounting bracket.
- Y2:** Distance from the center of the motor to the center of the mounting bracket.
- Y3:** Distance from the center of the motor to the center of the mounting bracket.
- W:** Distance from the center of the motor to the center of the mounting bracket.
- L:** Total length of the motor assembly.
- C:** Distance from the center of the motor to the center of the mounting bracket.
- B:** Distance from the center of the motor to the center of the mounting bracket.
- G:** Distance from the center of the motor to the center of the mounting bracket.

Type Type Type		A	B	C	D	E	F	G	H	K	K1	L	L1	N	O	R	S	T	V	X	Y	Y1	Y2	Y3	W	Z	Z1	Motor Output Power Power Power Power
PAE_M2	100	80	28	24	50	8	27	56	9	M10367317	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	M10367317	67	95	120	M8	22	71	80	60	17	136	13	15	1	56	60	7,750		

mini motor







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

