

MINIMOTOR - PA - COAXIAL GEAR MOTOR

PA180M2B3-432
230V 1 ph 432rpm 1.3Nm B3 mount

- Single or three phase
- 34 to 180W 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

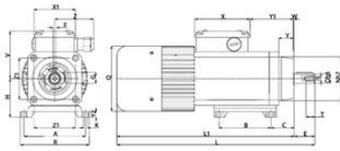
MOTOR: Asynchronous single or three phase with 2 or 4 poles, totally enclosed, with External ventilation. Thermal safety cutout on single phase model. Class F winding. IP65 protection according to CEI EN 60529.

GEAR UNIT: Casing in die - cast aluminium. 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. 14 gear ratios (i) available, from 6.48 to 372.8. Rated torque 20 Nm. Version B3 or B5.

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

TECHNICAL DATA

4967_Rated current (A)	0.68A
Capacitor	5 μ F
Input voltage ac	230V
IP class	IP65
Nominal speed	432 rpm
Nominal torque	1.3
Output power	82 W
Ratio	6.48:1



B3

	A	B	C	D	E	F	G	H	K	L	L1	N	O	R	S	T	V	X	X1	Y	Y1	Y2	W	Z	Z1	
PA_M2	89	75	33	14	30	5	16	56	5,5	286	256	64	65	100	M5	13	71	80	60	21	64	9	1,5	56	60	4,2x1,5
PA_M3	89	75	33	14	30	5	16	56	5,5	311	281	64	65	100	M6	13	71	80	60	21	64	9	1,5	56	60	4,9x0

2D model selection



Electric motor



Geared motor



Worm gearmotors



Brushless servomotors



Clean products



Direct

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

3D model selection



Electric motor



Geared motor



Worm gearmotors



Brushless servomotors



Clean products



Direct

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