

MINIMOTOR PCF WORM GEAR MOTORS

PCF4T2B3-280

230/400V 3 ph 280rpm 4.1 Nm B3 mount

- For clean environments
- IP67 as standard
- Up to 20Nm rated torque
- Minimal dirt trap points
- Epoxy coated with no external fan



PRODUCT DESCRIPTION

WORM GEARED MOTOR

White epoxy coating for increased protection against chemicals and harsh working environments.
IP67 rated with no external fan.

MOTOR: Asynchronous three-phase motor with 2 poles, totally Class H winding in accordance with CEI EN 60034-1.

GEAR UNIT: With die-cast aluminium casing. Wheel rim in special bronze 120/160 HB hardness. Worm gear in hardened steel with thread rotating on ball and roller bearings. Output shaft in stainless steel on request

Lubrication with special long-lasting oil. Sealing rings made in special white rubber for high temperatures.
Rated torque from 2.9 to 18 Nm. Version B3 or B5. B5/S left version - B5/D right version.

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

TECHNICAL DATA

Input voltage ac	230Δ/400Y
IP class	IP67
Nominal speed	280 rpm
Nominal torque	4.1
Output power	130 W
Rated current	0.65Δ/0.38Y
Ratio	10:1

B3

Type	A	B	C	D	E	F	G	H	I	L	M	N	P	Q	R	S	T	U	V	X	Shaft diameter
PCF412	52	48	58	14	6,5	5	16,3	39	32	239	119	60	68	93	M5	61	56	5	80	60	5-470

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CSI model selection

Electric motors

15.06.2017

Geared motor

15.06.2017

Worm gearmotors

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Brushless servomotors

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Clean products

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Drives

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