

MINIMOTOR - PCEF WORM GEARED MOTOR WITH FURTHER PLANETARY GEAR

PCEF4T2B3-10

- For clean environments
- IP67 as standard
- Up to 90Nm rated torque
- Minimal dirt trap points
- Epoxy coated with no external fan



PRODUCT DESCRIPTION

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

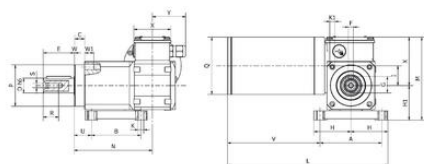
MOTOR: Asynchronous single or three phase with 2 poles, totally enclosed. Thermal safety feature. Class H winding.

GEAR UNIT: Die-cast aluminium casing in the first reduction stage, with worm screw and steel casing in the second planetary stage, with three internal planetary gears. Wheel rim in bronze 120-160 HB hardness. Hardened steel screw with ground threads rotating on ball and roller bearings. Output shaft available in stainless steel upon request.

Lubrication with special long life oil. Sealing rings made in special rubber for high temperatures. . Rated torque 90 Nm. Version B3 or B5. B5/S left version - B5/D right version.

TECHNICAL DATA

Input voltage ac	230Δ/400Y
IP class	IP67
Nominal speed	10 rpm
Nominal torque	81,2 Nm
Output power	130 W
Rated current	0.65Δ/0.38Y A
Ratio	285:1



B3

Type of Type of Type of	A	B	C	D	E	F	G	H	M	K	L	M	N	P	Q	R	S	U	V	W	X	Y	Peak Output Power [W]	
PCF 472	100	80	16	24	50	8	27	80	56	9	289	135	127	87	93	25	M8	28	149	1	15	80	54	8,270
PCF 572	100	80	16	24	50	8	27	80	56	9	281	135	127	87	130	25	M8	28	171	1	15	80	85	13,670

Electric motors

15.06.2017

Servo motor

15.06.2017

Robot grippers

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Biohydra servomotors

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Clean products

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Circuits

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