

MINIMOTOR PCF WORM GEAR MOTORS

PCF4T2B3-40

230/400V 3 ph 40rpm 17 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.

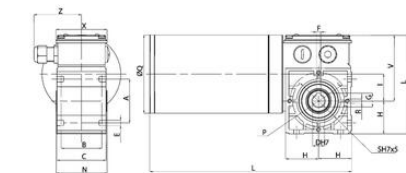
GEAR UNIT: With die-cast aluminium casing. Wheel rim in special bronze 120/160 HB hardness. Worm gear in hardened steel with thread rotating on ball and roller bearings. Output shaft in stainless steel on request

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](#)

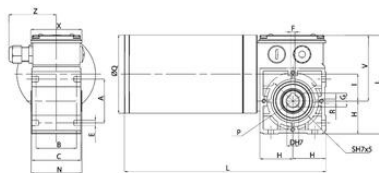
TECHNICAL DATA

| | |
|------------------|-------------|
| Input voltage ac | 230Δ/400Y |
| IP class | IP67 |
| Nominal speed | 40 rpm |
| Nominal torque | 17 |
| Output power | 130 W |
| Rated current | 0.65Δ/0.38Y |
| Ratio | 70:1 |



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 |



B3

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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

15.06.2017

Drives

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