



FULLING - BLDC OUTER ROTOR MOTOR 45MM

FL45BLW18-24V-6530A



- Compact design
- Low noise level
- High torque for given size



PRODUCT DESCRIPTION

TECHNICAL DATA

| | |
|--------------------------|----------------------|
| Axial force | 10 N |
| Front size | 45 mm |
| Inductance | 0,59 mH |
| Insulation class | B |
| Length | 18 mm |
| Max current | 4,8 A |
| Max. torque | 0,15 Nm |
| Moment of inertia | 99 g.cm ² |
| Nominal speed | 5000 rpm |
| Nominal torque | 0,05 Nm |
| Number of phases | 3 |
| Number of poles | 16 |
| Power | 30 W |
| Radial force | 28 N |
| Resistance | 1,42 Ω |

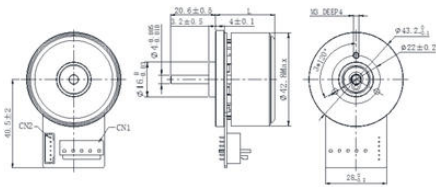
Returning voltage EMK 2,61 Vrms/krmp

Shaft diameter 4 mm

Supply voltage 24 V DC

Torque constant 35,3 mNm/A

Weight 0,08 kg



| Functions | Pin number | Type |
|-----------|-------------|----------------|
| Vcc | Pin 2 | JST B6B-PH-K-S |
| Ha | Pin 3 | |
| Hv | Pin 4 | |
| Hw | Pin 5 | |
| GND | Pin 1/Pin 6 | |
| Phase U | Pin 2 | JST B5P-VH |
| Phase V | Pin 3 | |
| Phase W | Pin 4 | |
| GND | Pin 1/Pin 5 | |