

FULLING BLDC MOTOR - 42MM

With integrated drive

FL42CBL60-24V-5943-IE

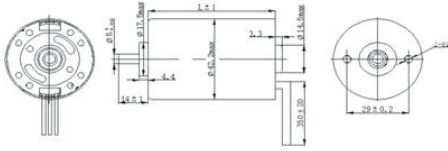
- 24V dc
- Speed and direction control
- Up to 43W output power
- Up to 5900 rpm
- 42mm frame size

**PRODUCT DESCRIPTION****TECHNICAL DATA**

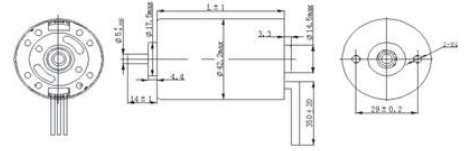
| | |
|------------------------------|----------------------|
| Axial force | 10 N |
| Cable number | 6 |
| Front size | 42,2 mm |
| Inductance | 1 mH |
| Insulation class | B |
| Length | 60 mm |
| Max current | 3 A |
| Max. torque | 0.1 |
| Moment of inertia | 44 g.cm ² |
| Nominal speed | 5900 rpm |
| Nominal torque | 0.068 |
| Number of phases | 3 |
| Number of poles | 4 |
| Power | 43 W |
| Radial force | 15 N |
| Resistance | 0.87 Ω |
| Returning voltage EMK | 2.5 Vrms/krmp |
| Shaft diameter | 5 mm |
| Supply voltage | 24 V DC |
| Torque constant | 0.032 Nm/A |

Weight

0.4 kg



| Functions | Color | Type |
|---------------------------|--------|--------------|
| Vcc | Red | UL1332 AWG22 |
| Gnd | Black | |
| Rotating Direction CW/CCW | Green | UL1430 AWG26 |
| PWM Speed Control | White | |
| Brake | Blue | |
| Tacho out | Yellow | |



| Functions | Color | Type |
|---------------------------|--------|--------------|
| Vcc | Red | UL1332 AWG22 |
| Gnd | Black | |
| Rotating Direction CW/CCW | Green | UL1430 AWG26 |
| PWM Speed Control | White | |
| Brake | Blue | |
| Tacho out | Yellow | |