

FULLING - BLDC WITH INTEGRATED DRIVE 42MM

3204509040
 FL42BLS01-IE 24V 26W inb.drivn



- Built in speed control with pulse train output
- 0-5v analogue speed control input
- Customer specific functions for large volumes

PRODUCT DESCRIPTION

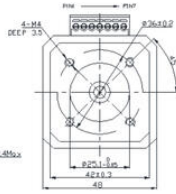
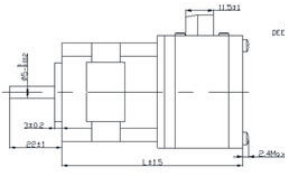
Fulling BLDC motors with integrated drives are often a simple and cost-effective solution where you do not have to buy a more advanced stand-alone electronics.

For higher volumes enquiries, it is possible to customise the design and function of the electronics to get a solution that suits your needs.

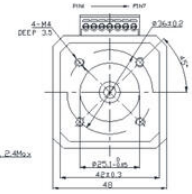
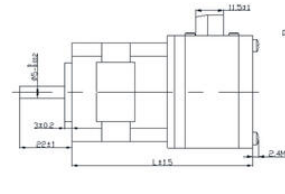
TECHNICAL DATA

Axial force	10 N
Front size	42 mm
Inductance	2.1 mH
Insulation class	B
IP class	IP40
Length	77 mm
Max current	5.4 A
Max. torque	0.19
Moment of inertia	24 g.cm ²
Nominal current	1.8 A
Nominal speed	4000 rpm
Nominal torque	0.063
Number of phases	3
Number of poles	8
Power	26 W
Radial force	28 N
Resistance	1.5 Ω
Returning voltage EMK	2.45 Vrms/krpm

Shaft diameter	5 mm
Supply voltage	24 V DC
Torque constant	0.035 Nm/A
Weight	0.45 kg



Pin No	Functions
1	+5V VOLTAGE OUTPUT
2	F/R ROTATING DIRECTION
3	SV SPEED VOLTAGE 0-5VDC
4	PG SPEED PULSE OUTPUT(TTL)
5	GND GND
6	GND GND
7	+Vp 24VDC



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