

FULLING - BLDC WITH INTEGRATED DRIVE 57MM

FL57BLS01-IE
 FL57BLS01-IE 46W inb.drivn



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

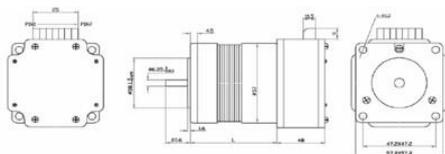
PRODUCT DESCRIPTION

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.

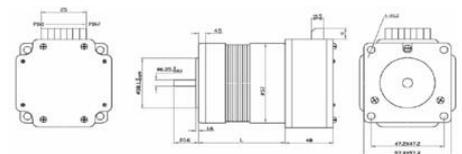
TECHNICAL DATA

Front size	57x57
Insulation class	B
Length	100 mm
Max current	6.8 A
Max. torque	0.39
Nominal current	1.8 A
Nominal speed	4000 rpm
Nominal torque	0.11
Power	46 W
Supply voltage	36 V DC
Torque constant	0.061 Nm/A
Weight	0.67 kg



Wiring Diagram

Pin No	Function	Functions
1	+Vp	36VDC
2	GND	GND
3	GND	GND
4	PG	SPEED PULSE OUTPUT (TTL)
5	SV	SPEED VOLTAGE 0-5VDC
6	F/R	ROTATING DIRECTION
7	+Vp	VOLTAGE OUTPUT



Wiring Diagram

Pin No		Functions
1	+5v	5VDC
2	GND	0V
3	GND	0V
4	PG	SPEED PULSE OUTPUT (TTL)
5	5V	SPEED VOLTAGE 0-5VDC
6	DIR	ROTATING DIRECTION
7	+5V	VOLTAGE OUTPUT