



FULLING FL50BL

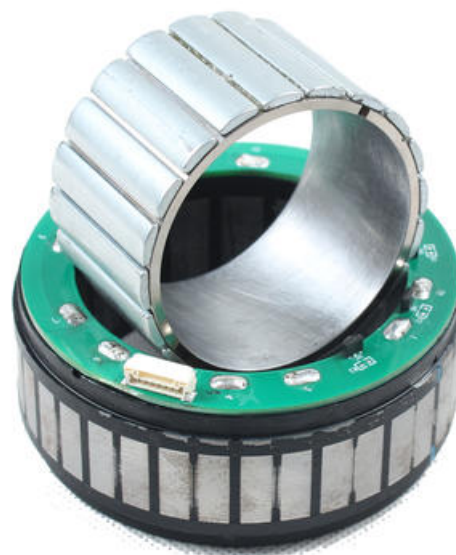
50mm frameless BLDC motor

FL50BL08

50mm 157W motor



- 48v DC
- 0.3 and 0.5 Nm torque
- 157 and 183 W power
- 20 and 26 mm height
- 5000 and 3500 rpm



PRODUCT DESCRIPTION

Frameless motor for assembly into machine builds.

Keeps physical size down to a minimum and power density high.

3 phase winding

TECHNICAL DATA

Ambient temperature	od -20°C do +50°C
Front size	50 mm
Inductance	0,45 mH
Insulation class	B
Insulation resistance	100 MΩ
Length	20 mm
Max current	11,6 A
Max. torque	0,96 Nm
Nominal speed	5000 rpm
Nominal torque	0,3 Nm
Number of phases	3
Number of poles	20

Power	157 W
Resistance	0,93 Ω
Returning voltage EMK	5,4 Vrms/krmp
Supplier	Fulling
Supply voltage	48 V DC
Torque constant	0,089 Nm/A
Weight	0,087 kg

