



FULLING FL115BL

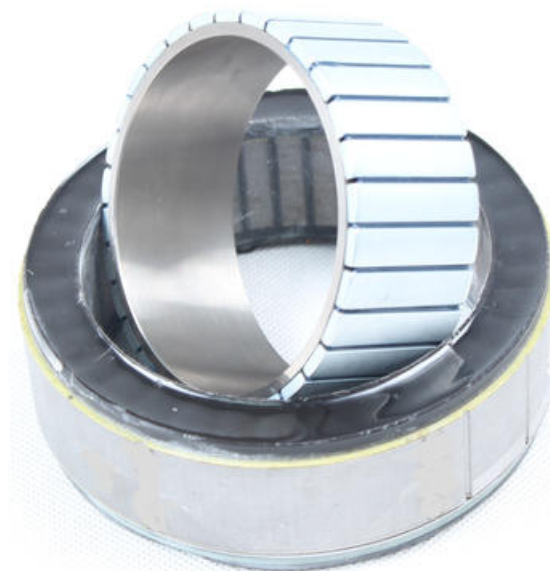
115mm frameless BLDC motor

FL115BL25

115mm 570W motor



- 48v DC
- 3.9 and 9.51Nm torque
- 570 and 620 W power
- 39 and 68 mm height
- 1400 and 620 rpm



PRODUCT DESCRIPTION

Frameless motor for assembly into machine builds.

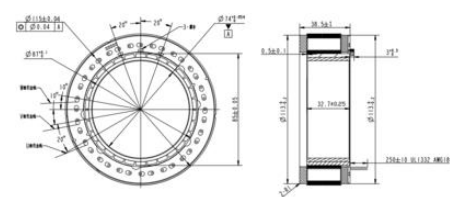
Keeps physical size down to a minimum and power density high.

3 phase winding

TECHNICAL DATA

Ambient temperature	od -20°C do +50°C
Front size	115 mm
Inductance	0,23 mH
Insulation class	B
Insulation resistance	100 MΩ
Length	39 mm
Max current	49 A
Max. torque	17,1 Nm
Nominal speed	1400 rpm
Nominal torque	3,9 Nm
Number of phases	3

Number of poles	30
Power	570 W
Resistance	0,15 Ω
Returning voltage EMK	17,7 Vrms/krmp
Supplier	Fulling
Supply voltage	48 V DC
Torque constant	0,293 Nm/A
Weight	1,1 kg



Functions	Color	Type
Vdc	Red	UL2464 AWG25
Hv	Blue	
Hv	Green	
Hv	White	
GND	Gold	
Phase U	Red	UL1332 AWG15
Phase V	Yellow	
Phase W	Black	