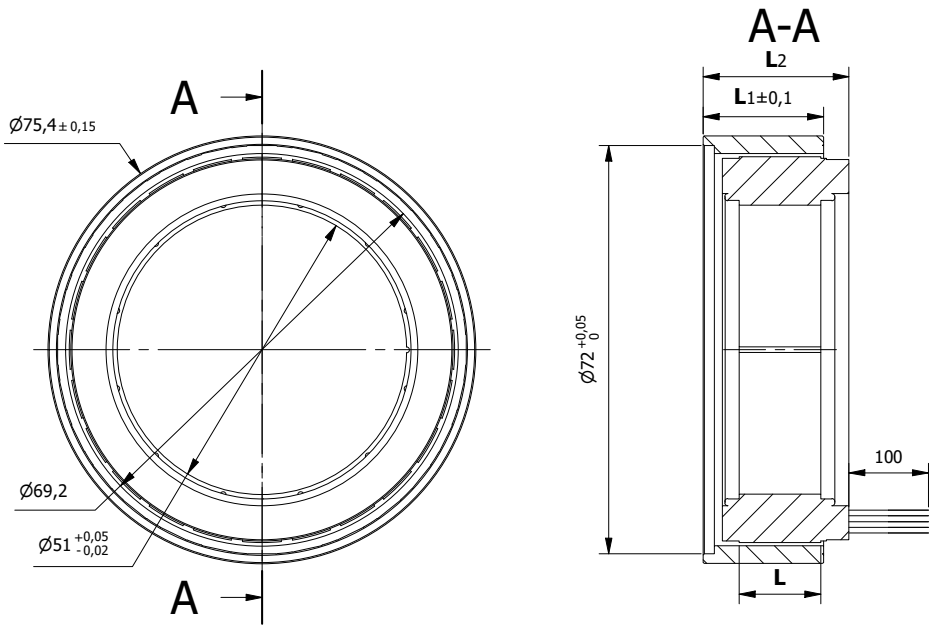
Brushless Frameless Out-Rotor Motor 75BLFOR

Ø 75,4mm

1,4Nm



Optional: Thermistor

Specification			
	Model		75BLFOR33
1	n° of Pole		28
2	n° of Phase		3
3	Rated Voltage	V	24
4	Rated Speed	rpm	3300
5	Max. Speed	rpm	4500
6	Rated Torque	Nm	1,4
7	Max. Peak Torque	Nm	4,2
8	Torque Constant	Nm/A	0,125
9	Rated Current	A	12
10	Max. Peak Current	A	36
11	No-Load Current	A	0,8
12	Line to Line Resistance	Ω	0,23
13	Line to Line Inductance	mH	0,165
14	Rotor Inertia	gcm2	1219
15	Back EMF	Vrms/Krpm	7,6
16	Stator height (L)	mm	14,35
17	Rotor height (L1)	mm	21,2
18	Length (L2)	mm	25,7
19	Weight	g	233

Characteristics	
Item	
Hall Effect Angle	120°
Insulation Class	B 130°C
Dielectric strength (for 1 sec.)	1000 VAC
Insulation Resistance (min. 500 VDC)	100 Mohm
Operating ambient temperature	-20°C to +50°C
Humidity	max. 85% not condensing

Connection		
Color	Gauge	Function
Yellow	AWG16	Phase U
Red	|	Phase V
Black	|	Phase W

