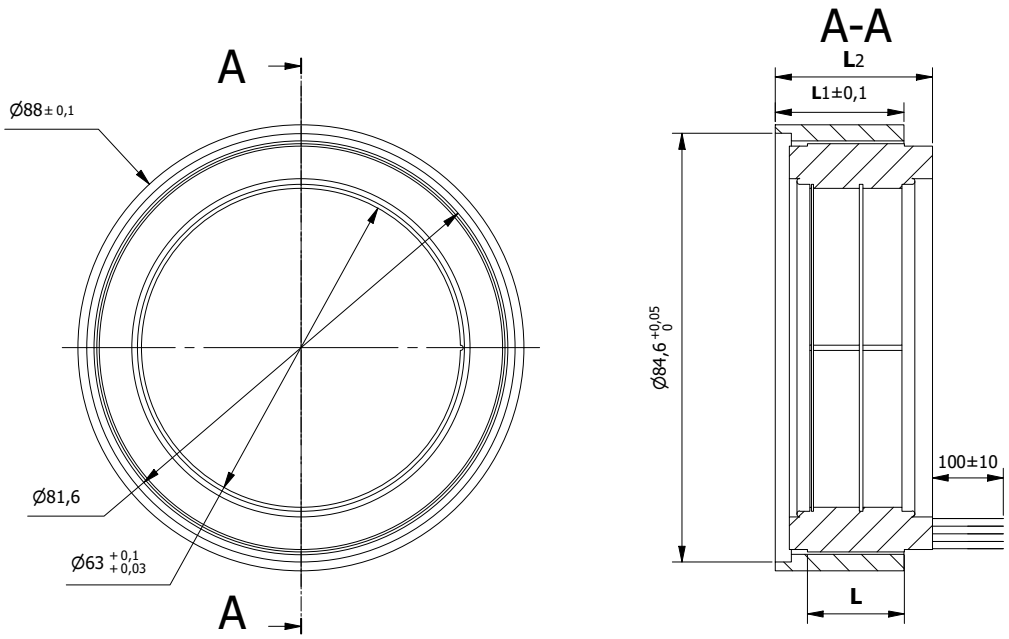
Brushless Frameless Out-Rotor Motor 88BLFOR

Ø 88mm

2,2Nm



Optional: Thermistor

Specification			
	Model		88BLFOR18
1	n° of Pole		40
2	n° of Phase		3
3	Rated Voltage	V	48
4	Rated Speed	rpm	1700
5	Max. Speed	rpm	2000
6	Rated Torque	Nm	2,2
7	Max. Peak Torque	Nm	6,6
8	Torque Constant	Nm/A	0,281
9	Rated Current	A	8,5
10	Max. Peak Current	A	26
11	No-Load Current	A	0,7
12	Line to Line Resistance	Ω	0,39
13	Line to Line Inductance	mH	0,28
14	Rotor Inertia	gcm2	2313
15	Back EMF	Vrms/Krpm	17
16	Stator height (L)	mm	19,2
17	Rotor height (L1)	mm	25,35
18	Length (L2)	mm	31
19	Weight	g	335

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	AWG22	Phase U
Red	|	Phase V
Black	|	Phase W

