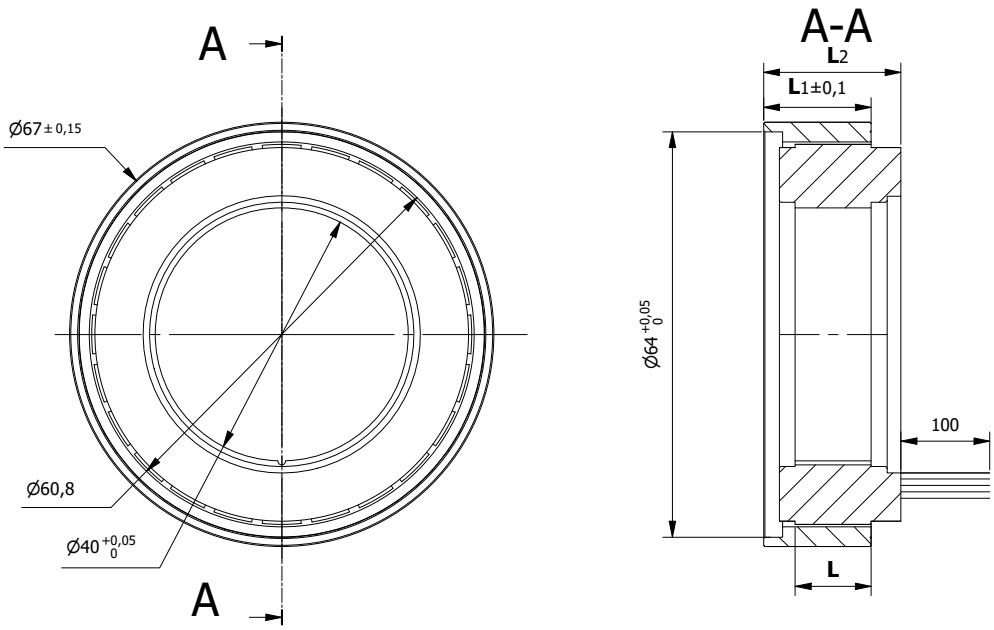
Brushless Frameless Out-Rotor Motor 67BLFOR

Ø 67mm

0,68Nm



Optional: Thermistor

Specification			
	Model		67BLFOR12
1	n° of Pole		28
2	n° of Phase		3
3	Rated Voltage	V	24
4	Rated Speed	rpm	1400
5	Max. Speed	rpm	1800
6	Rated Torque	Nm	0,68
7	Max. Peak Torque	Nm	2,3
8	Torque Constant	Nm/A	0,156
9	Rated Current	A	5,7
10	Max. Peak Current	A	19
11	No-Load Current	A	0,45
12	Line to Line Resistance	Ω	0,55
13	Line to Line Inductance	mH	0,46
14	Rotor Inertia	gcm2	639,9
15	Back EMF	Vrms/Krpm	9,45
16	Stator height (L)	mm	12
17	Rotor height (L1)	mm	17
18	Length (L2)	mm	21,7
19	Weight	g	138

Characteristics	
Item	
Hall Effect Angle	120°
Insulation Class	B 130°C
Dielectric strength (for 1 sec.)	600 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

