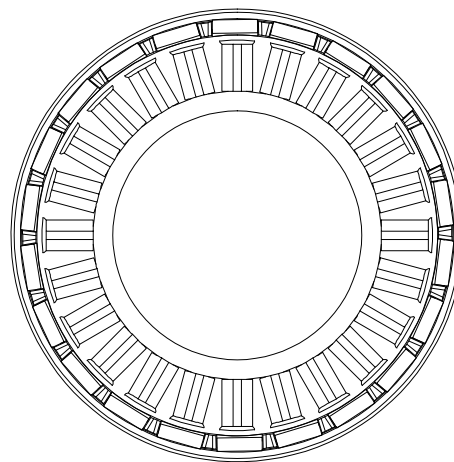
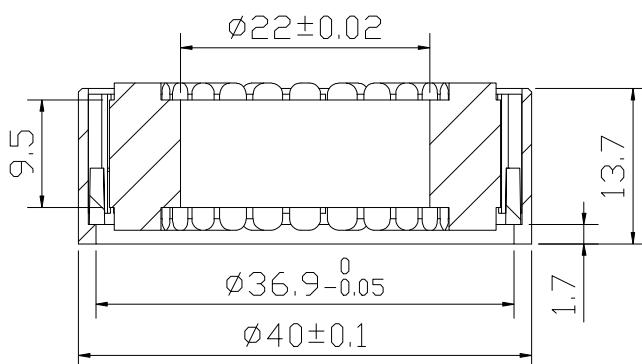


FL3510 Frameless motor

Applications: Collaborative Robots
Exoskeleton Robots Medical Robots
Optoelectronic Turntables



Dimension



Specification

Name	Unit	FL3510
1.Nominal voltage	V	12
2.Nominal current	A	0.53
3.Nominal torque	N.M	0.11
4.Nominal Speed	RPM	363
5.Max Speed	RPM	965
6.Stall torque	N.M	0.16
7.Stall current	A	0.8
8.Winding turns of motor	T	40
9.Phase resistance	Ω	8.8
10.Phase inductance	mH	3.95
11.Speed constant	rpm/v	45
12.Torque constant	N.M/A	0.2
13.Rotor inertia	gcm ²	81
14.Number of pole pairs	Pairs	11
15.Size	mm	Φ40*13.7
16.Motor weight	g	36/47
17.Working temperature	°C	-20~80
18.Max demagnetize temperature	°C	120