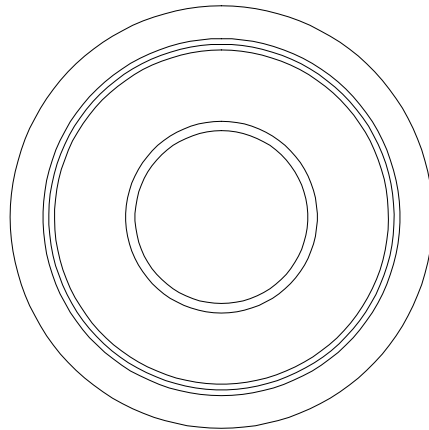
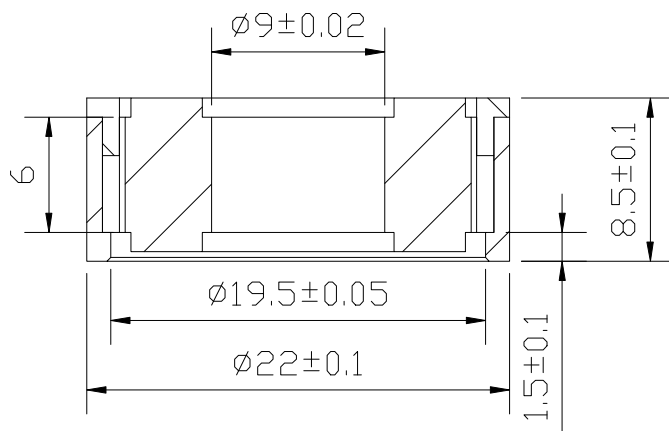


FL1806 Frameless motor

Applications: Collaborative Robots
Exoskeleton Robots Medical Robots
Optoelectronic Turntables



Dimension



Specification

Name	Unit	Type:FL1806
1.Nominal voltage	V	12
2.Nominal current	A	0.66
3.Nominal torque	N.M	0.03
4.Nominal Speed	RPM	800
5.Max Speed	RPM	5017
6.Stall torque	N.M	0.06
7.Stall current	A	1
8.Winding turns of motor	T	45
9.Phase resitance	Ω	5.9
10.Phase inductance	mH	1.3
11.Speed constant	rpm/v	395
12.Torque constant	N.M/A	0.06
13.Rotor inertia	gcm ²	40
14.Number of pole pairs	Pairs	7
15.Size	mm	Φ22*8.5
16.Motor weight	g	12
17.Working temperature	°C	-20~80
18.Max demagnetize temperature	°C	120