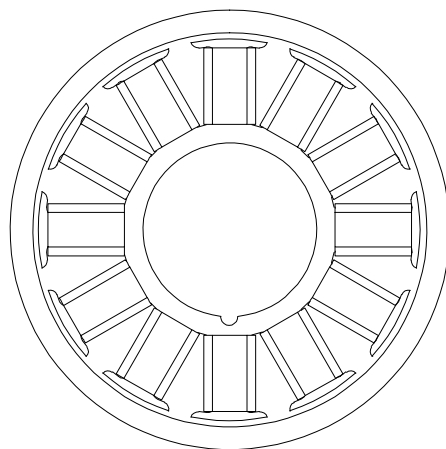
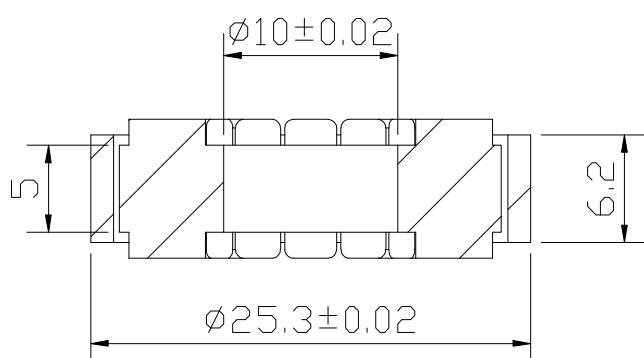


FL2205 Frameless motor

Applications: Collaborative Robots
Exoskeleton Robots Medical Robots
Optoelectronic Turntables



Dimension



Specification

Name	Unit	Type:FL2205
1.Nominal voltage	V	12
2.Nominal current	A	0.66
3.Nominal torque	N.M	0.04
4.Nominal Speed	RPM	792
5.Max Speed	RPM	5630
6.Stall torque	N.M	0.06
7.Stall current	A	1
8.Winding turns of motor	T	65
9.Phase resistance	Ω	8
10.Phase inductance	mH	1.45
11.Speed constant	rpm/v	100
12.Torque constant	N.M/A	0.06
13.Rotor inertia	gcm ²	42
14.Number of pole pairs	Pairs	7
15.Size	mm	$\Phi 25.3 \times 6.2$
16.Motor weight	g	12
17.Working temperature	°C	-20~80
18.Max demagnetize temperature	°C	120