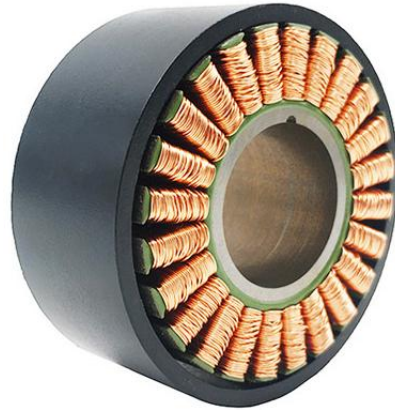
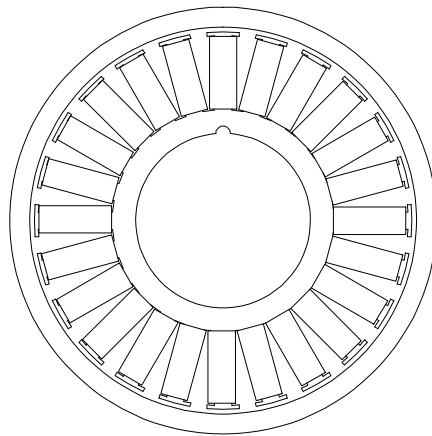
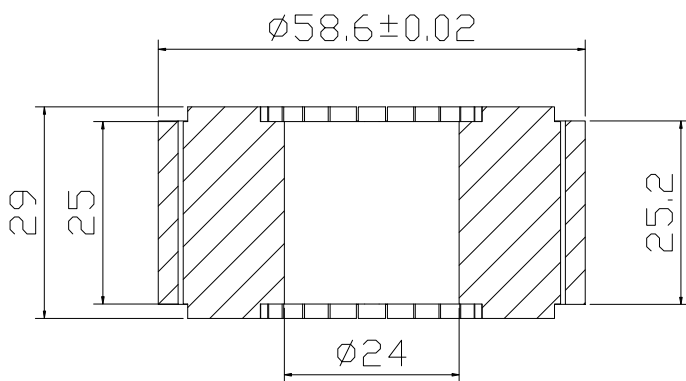


FL5225 Frameless motor

Applications: Collaborative Robots
Exoskeleton Robots Medical Robots
Optoelectronic Turntables



Dimension



Specification

Name	Unit	Type: FL5225
1.Nominal voltage	V	24
2.Nominal current	A	1.28
3.Nominal torque	N.M	1.26
4.Nominal Speed	RPM	221
5.Max Speed	RPM	612
6.Stall torque	N.M	1.9
7.Stall current	A	1.94
8.Winding turns of motor	T	50
9.Phase resistance	Ω	11.8
10.Phase inductance	mH	11.31
11.Speed constant	rpm/v	14
12.Torque constant	N.M/A	0.98
13.Rotor inertia	gcm ²	933
14.Number of pole pairs	Pairs	11
15.Size	mm	Φ58*25.2
16.Motor weight	g	281
17.Working temperature	℃	-20~80
18.Max demagnetize temperature	℃	120