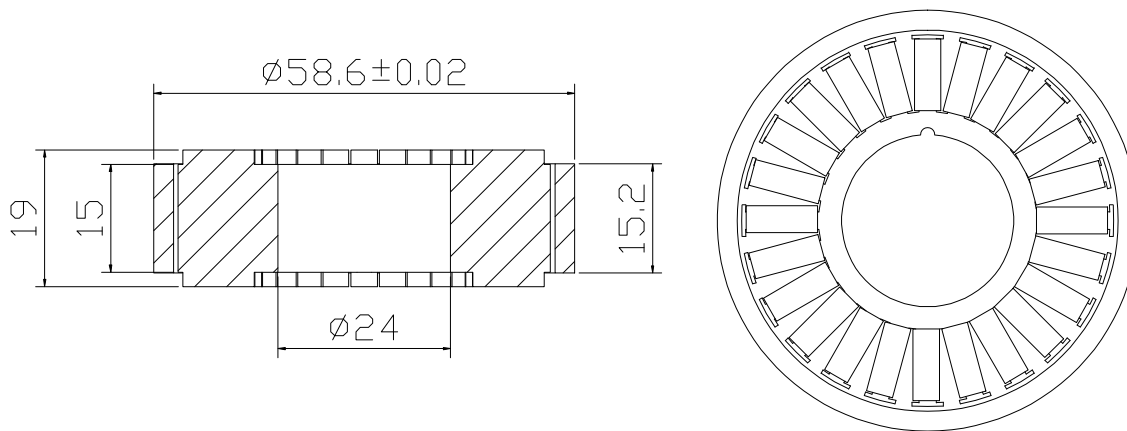


FL5215 Frameless motor

Applications: Collaborative Robots
Exoskeleton Robots Medical Robots
Optoelectronic Turntables



Dimension



Specification

Name	Unit	Type: FL5215
1.Nominal voltage	V	24
2.Nominal current	A	1.12
3.Nominal torque	N.M	0.76
4.Nominal Speed	RPM	221
5.Max Speed	RPM	790
6.Stall torque	N.M	1.15
7.Stall current	A	1.69
8.Winding turns of motor	T	60
9.Phase resistance	Ω	11.8
10.Phase inductance	mH	7.8
11.Speed constant	rpm/v	14
12.Torque constant	N.M/A	0.68
13.Rotor inertia	gcm ²	667
14.Number of pole pairs	Pairs	11
15.Size	mm	Φ58*15.2
16.Motor weight	g	167
17.Working temperature	°C	-20~80
18.Max demagnetize temperature	°C	120