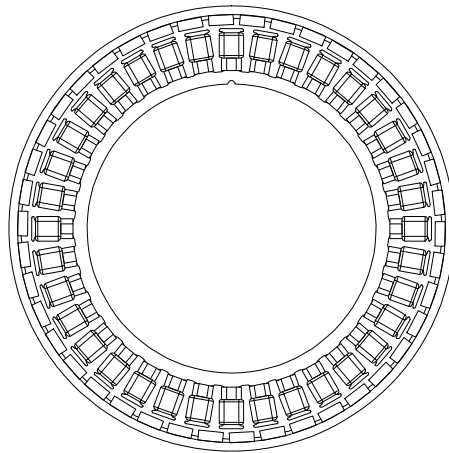
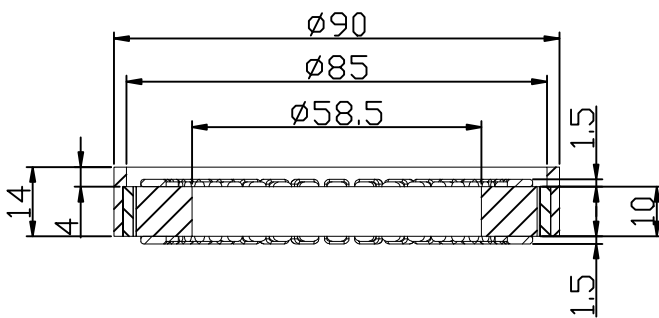


FL8110 Frameless motor

Applications: Collaborative Robots
Exoskeleton Robots Medical Robots
Optoelectronic Turntables



Dimension



Specification

Name	Unit	Type: FL8110
1.Nominal voltage	V	24
2.Nominal current	A	1.75
3.Nominal torque	N.M	1.6
4.Nominal Speed	RPM	130
5.Max Speed	RPM	290
6.Stall torque	N.M	2
7.Stall current	A	3
8.Winding turns of motor	T	30
9.Phase resistance	Ω	3
10.Phase inductance	mH	31.5
11.Speed constant	rpm/v	11
12.Torque constant	N.M/A	1.13
13.Rotor inertia	gcm ²	2860
14.Number of pole pairs	Pairs	21
15.Size	mm	Ø90*14
16.Motor weight	g	206
17.Working temperature	°C	-20~80
18.Max demagnetize temperature	°C	120