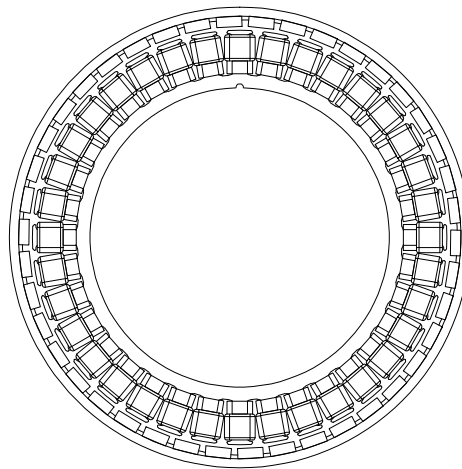
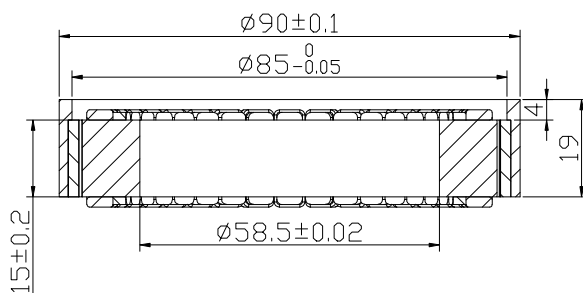


FL8115 Frameless motor

Applications: Collaborative Robots
Exoskeleton Robots Medical Robots
Optoelectronic Turntables



Dimension



Specification

Name	Unit	Type: FL8115_H	Type: FL8115_L
1.Nominal voltage	V	24	24
2.Nominal current	A	17	5.6
3.Nominal torque	N.M	2.16	1.7
4.Nominal Speed	RPM	1800	450
5.Max Speed	RPM	2280	600
6.Stall torque	N.M	3	3.5
7.Stall current	A	24	8
8.Winding turns of motor	T	8	30
9.Phase resistance	Ω	0.1	3.7
10.Phase inductance	mH	0.2	2.3
11.Speed constant	rpm/v	47	12.5
12.Torque constant	N.M/A	0.125	0.3
13.Rotor inertia	gcm ²	1500	1500
14.Number of pole pairs	Pairs	21	21
15.Size	mm	Φ90*19	Φ90*19
16.Motor weight	g	313	313
17.Working temperature	℃	-20~80	-20~80
18.Max demagnetize temperature	℃	120	120