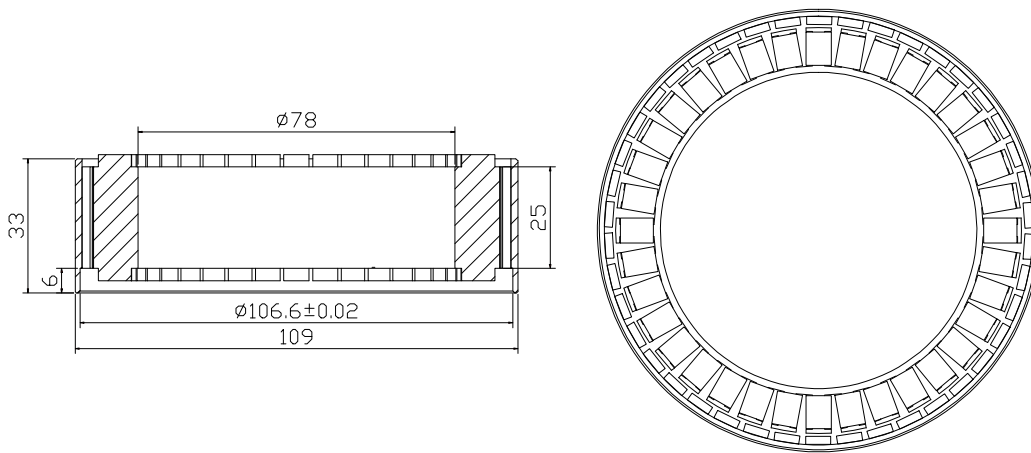


FL10025 Frameless motor

Applications: Collaborative Robots
Exoskeleton Robots Medical Robots
Optoelectronic Turntables



Dimension



Specification

Name	Unit	FL10025
1.Nominal voltage	V	36
2.Nominal current	A	3.8
3.Nominal torque	N.M	4
4.Nominal Speed	RPM	168
5.Max Speed	RPM	330
6.Stall torque	N.M	8.5
7.Stall current	A	16
8.Winding turns of motor	T	20
9.Phase resistance	Ω	3
10.Phase inductance	mH	2.23
11.Speed constant	rpm/v	9.2
12.Torque constant	N.M/A	1.03
13.Rotor inertia	gcm ²	4656
14.Number of pole pairs	Pairs	21
15.Size	mm	$\Phi 109 \times 33$
16.Motor weight	g	576
17.Working temperature	°C	-20~80
18.Max demagnetize temperature	°C	120