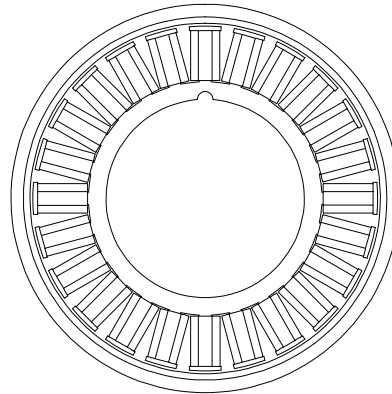
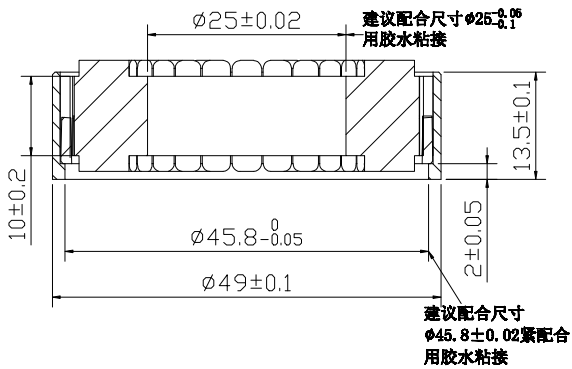


FL4310 Frameless motor

Applications: Collaborative Robots
Exoskeleton Robots Medical Robots
Optoelectronic Turntables



Dimension



Specification

Name	Unit	Type: FL4310
1.Nominal voltage	V	24
2.Nominal current	A	0.9
3.Nominal torque	N.M	0.2
4.Nominal Speed	RPM	504
5.Max Speed	RPM	1028
6.Stall torque	N.M	0.49
7.Stall current	A	1.9
8.Winding turns of motor	T	60
9.Phase resistance	Ω	10.32
10.Phase inductance	mH	3.26
11.Speed constant	rpm/v	34.4
12.Torque constant	N.M/A	0.23
13.Rotor inertia	gcm ²	202
14.Number of pole pairs	Pairs	14
15.Size	mm	$\phi 49 \times 13.5$
16.Motor weight	g	78
17.Working temperature	°C	-20~80
18.Max demagnetize temperature	°C	120