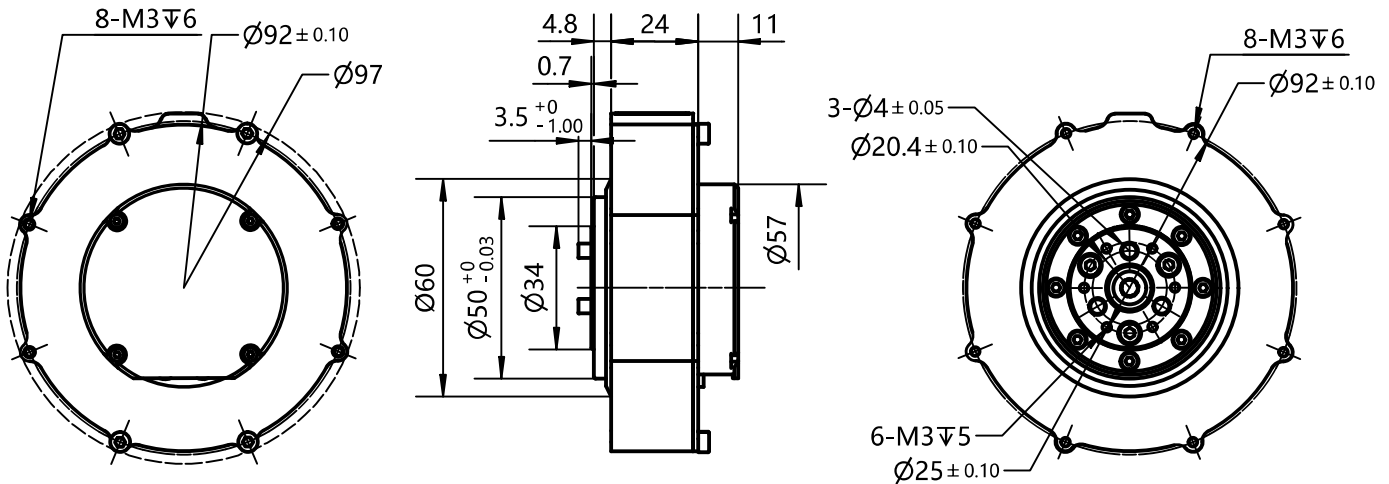


PGG8108-08 Gimbal Planetary Gear Motor

Gimbal motor without driver inside.



Dimension



(without driver case)

Specification

Motor Data	Unit	Type:PGG 8108-08
1 Nominal voltage	V	48
2 Voltage range	V	24~56
3 Nominal current	A	7
4 Nominal Power	W	80
5 Nominal torque	N.m	7.5
6 Nominal speed after reduce	rpm	110
7 Max speed after reduce	rpm	320
8 Stall torque	N.m	22
9 Stall current	A	25
10 Speed constant	rpm/V	5.7
11 Torque constant	Nm/A	1
12 Number of pole pairs		21
13 Phase to phase resistance	Ω	0.439
14 Phase to phase inductance	mH	0.000403
15 Rotor inertia	gcm ²	45.5
16 Gear ratio		8:1
17 Gear type		Planetary
18 Reducer gear material		Steel
19 Reducer gear backlash	arcmin	15
20 Weight	g	378/396 with driver)
21 Size	mm	92*44/55(with driver)
22 Max axial Load	N	225
23 Max radial Load	N	900
24 Noise	dB	<60
25 Portection grade	/	IP54
26 Working temperature	°C	-20/80