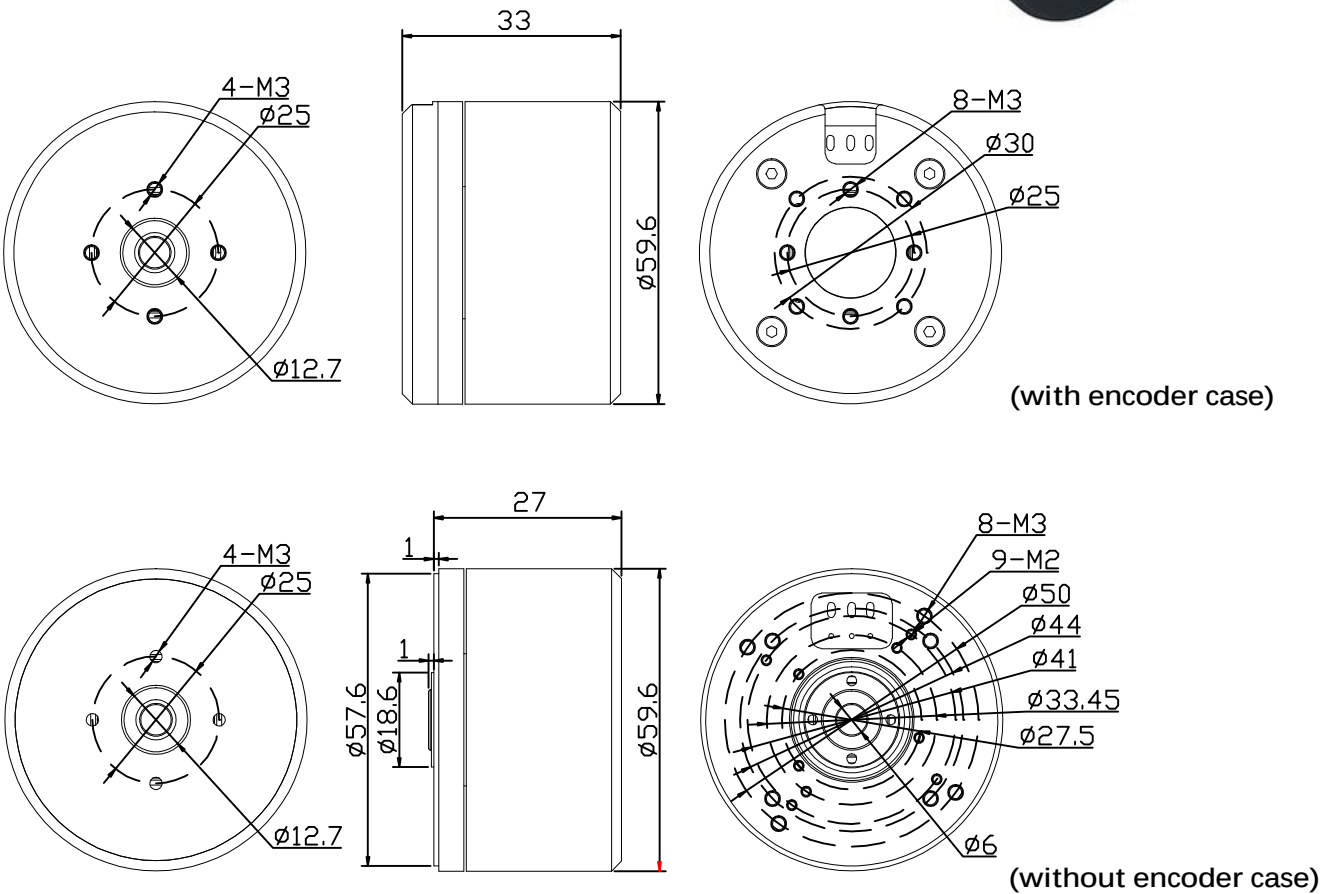


DM5215/5215EC Gimbal Motor

60mm gimbal motor, without and with encoder case

Dimension



Specification

Motor Data	Unit	DM5215/5215EC
1 Nominal voltage	V	24
2 Nominal current	A	1.12
3 Nominal torque	N.m	0.76
4 Nominal speed	rpm	221
5 Max speed	rpm	790
6 Stall torque	N.m	1.15
7 Stall current	A	1.69
8 Winding turns of motor	T	60
9 Phase to phase resistance	Ω	11.8
10 Phase to phase inductance	mH	7.8
11 Speed constant	rpm/V	14
12 Torque constant	Nm/A	0.68
13 Rotor inertia	gcm ²	667
14 Number of pole pairs		11
15 Weight	g	179.9/204.3
16 Working temperature	°C	-20/80
17 Max demagnetize temperature	°C	120
18 Encoder type		AS5048A/AS5600