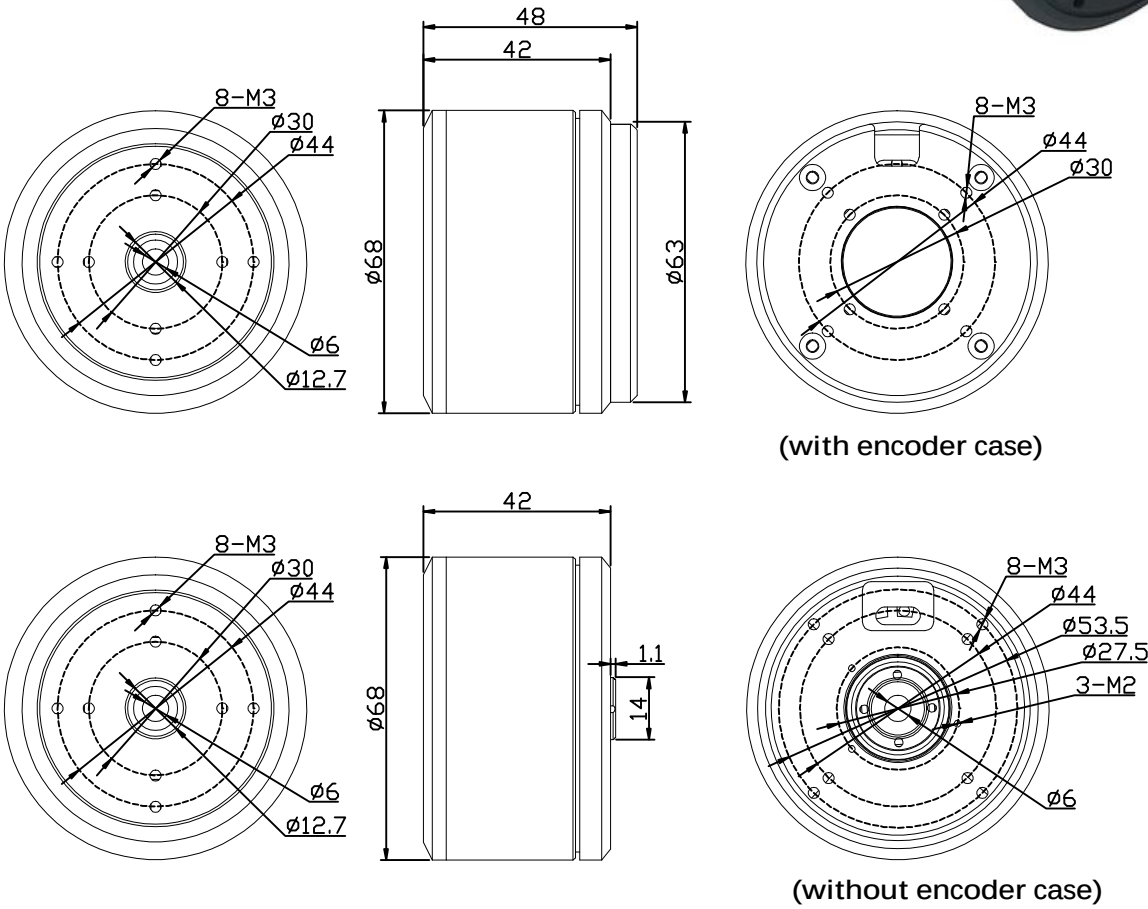


DM6025/6025EC Gimbal Motor

68mm gimbal motor, without and with encoder case

Dimension



Specification

Motor Data	Unit	DM6025/6225EC
1 Nominal voltage	V	36
2 Nominal current	A	7.4
3 Nominal torque	N.m	1.77
4 Nominal speed	rpm	504
5 Max speed	rpm	720
6 Stall torque	N.m	2.68
7 Stall current	A	10.67
8 Winding turns of motor	T	30
9 Phase to phase resistance	Ω	3.5
10 Phase to phase inductance	mH	10.07
11 Speed constant	rpm/V	20
12 Torque constant	Nm/A	0.23
13 Rotor inertia	gcm ²	1645
14 Number of pole pairs		14
15 Weight	g	478.1/506.1
16 Working temperature	°C	-20/80
17 Max demagnetize temperature	°C	120
18 Encoder type		AS5048A/AS5600