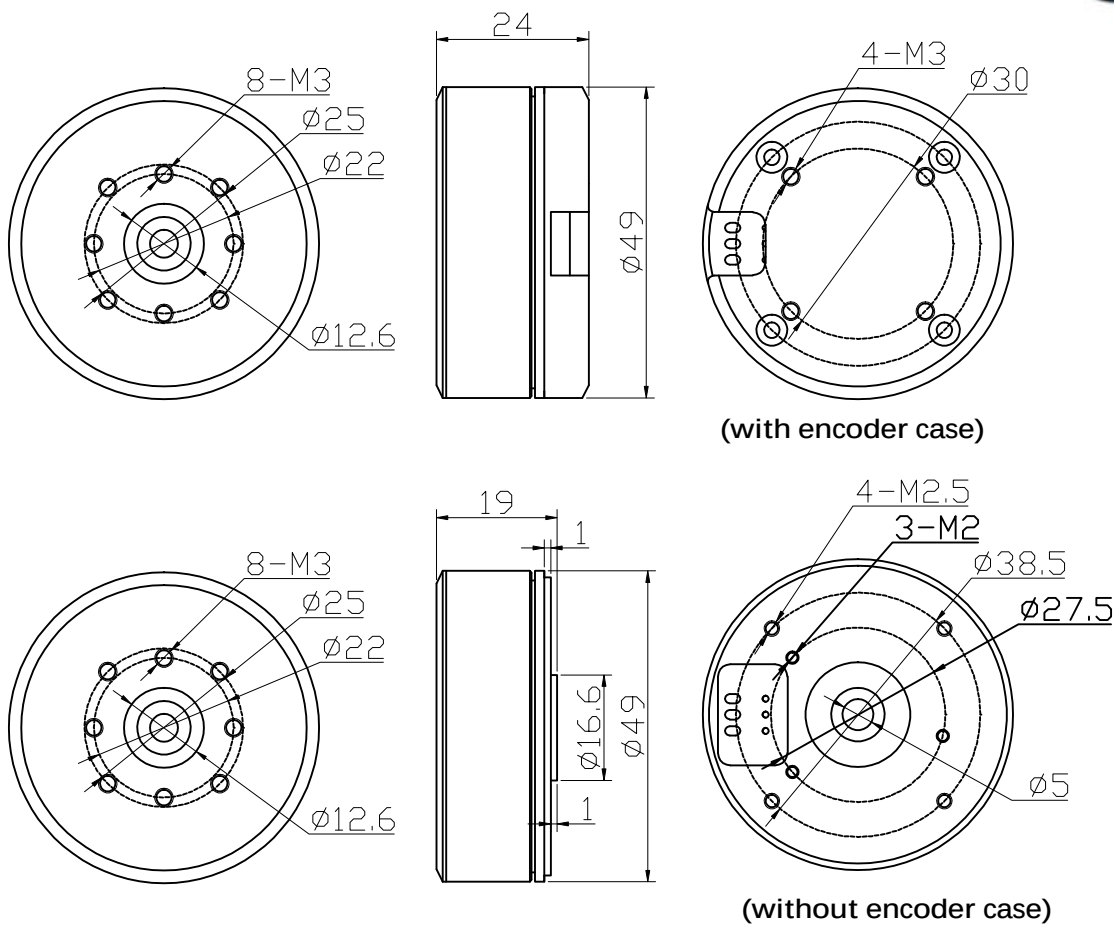


DM4310/4310EC Gimbal Motor

49mm gimbal motor, without and with encoder case



Dimension



Specification

Motor Data	Unit	DM4310/4310EC
1 Nominal voltage	V	24
2 Nominal current	A	0.9
3 Nominal torque	N.m	0.2
4 Nominal speed	rpm	503
5 Max speed	rpm	1028
6 Stall torque	N.m	0.59
7 Stall current	A	1.9
8 Winding turns of motor	T	60
9 Phase to phase resistance	Ω	10.32
10 Phase to phase inductance	mH	3.26
11 Speed constant	rpm/V	34.4
12 Torque constant	Nm/A	0.23
13 Rotor inertia	gcm ²	202
14 Number of pole pairs		14
15 Weight	g	112.1/128.4
16 Working temperature	°C	-20/80
17 Max demagnetize temperature	°C	120
18 Encoder type		AS5048A/AS5600