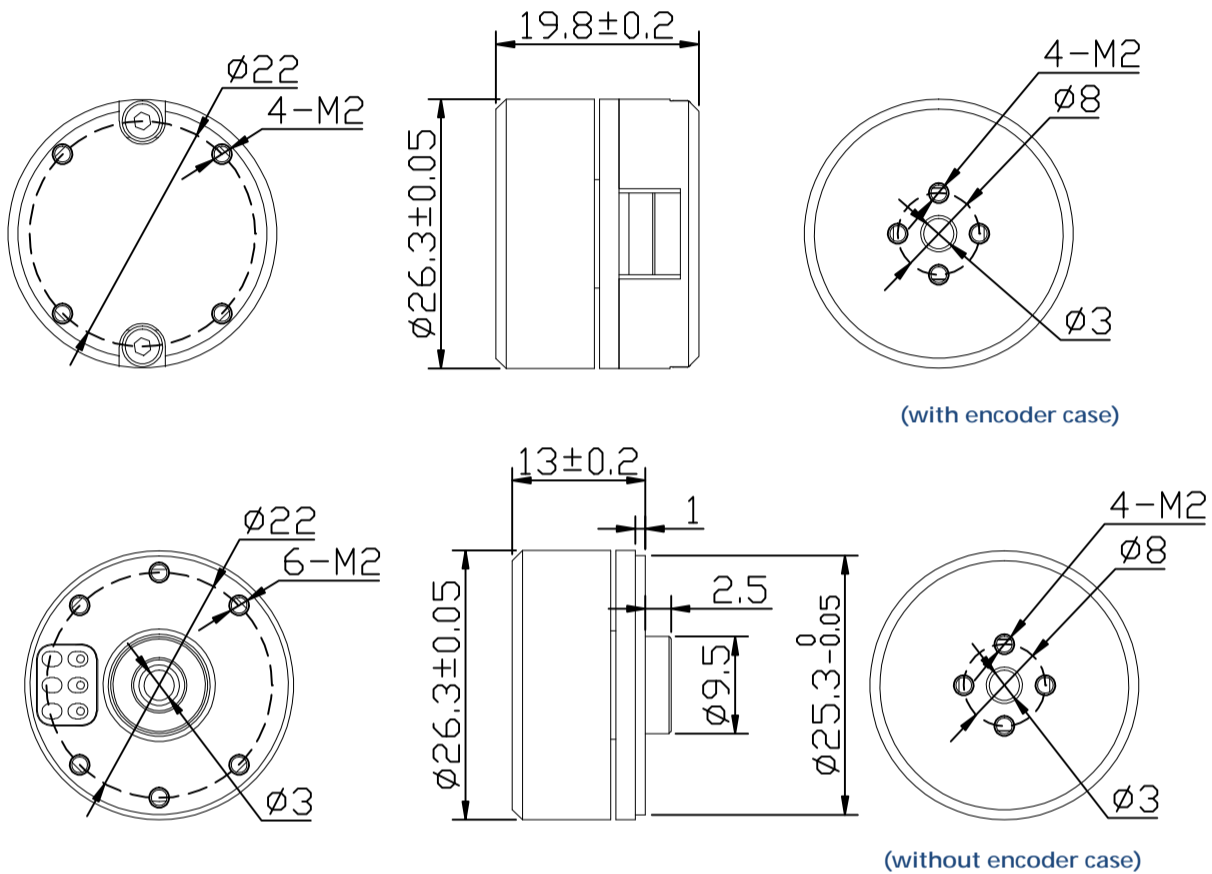


DM2205/2205EC Gimbal Motor

26mm gimbal motor, without and with encoder case



Dimension



Specification

Motor Data	Unit	DM2205/2205EC
1 Nominal voltage	V	12
2 Nominal current	A	0.66
3 Nominal torque	N.m	0.04
4 Nominal speed	rpm	792
5 Max speed	rpm	5630
6 Stall torque	N.m	0.06
7 Stall current	A	1
8 Winding turns of motor	T	65
9 Phase to phase resistance	Ω	8
10 Phase to phase inductance	mH	1.45
11 Speed constant	rpm/V	100
12 Torque constant	Nm/A	0.06
13 Rotor inertia	gcm ²	42
14 Number of pole pairs		7
15 Weight	g	22.4/28.7
16 Working temperature	$^{\circ}\text{C}$	-20/80
17 Max demagnetize temperature	$^{\circ}\text{C}$	120
18 Encoder type		AS5048A/AS5600