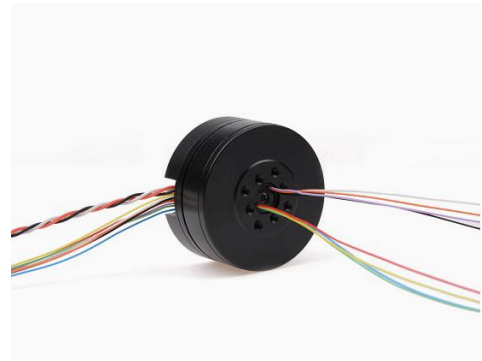
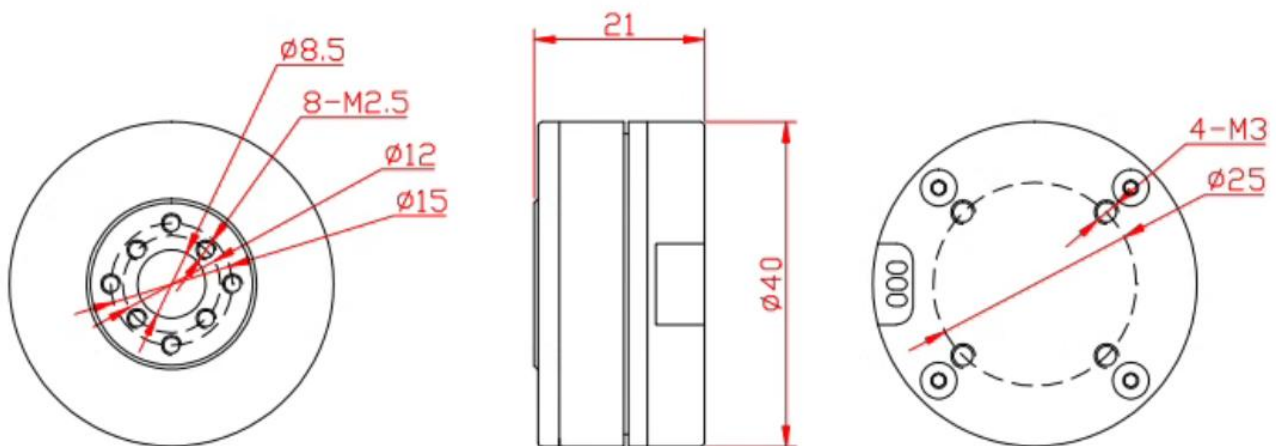


DM3505EC Gimbal Motor

DM3505 gimbal motor, with
AS5048A encoder



Dimension



(with encoder housing)

Specification

Motor Data	Unit	Type:DM3505
1 Nominal voltage	V	12
2 Nominal current	A	0.79
3 Nominal torque	N.m	0.07
4 Nominal speed	rpm	587
5 Max speed	rpm	890
6 Stall torque	N.m	0.11
7 Stall current	A	1.2
8 Winding turns of motor	T	40
9 Phase to phase resistance	Ω	6.5
10 Phase to phase inductance	mH	2.35
11 Speed constant	rpm/V	74
12 Torque constant	Nm/A	0.09
13 Rotor inertia	gcm ²	56
14 Number of pole pairs		11
15 Weight	g	42
16 Working temperature	°C	-40/100
17 Max demagnetize temperature	°C	120
18 Encoder type		AS5048A/AS5600