

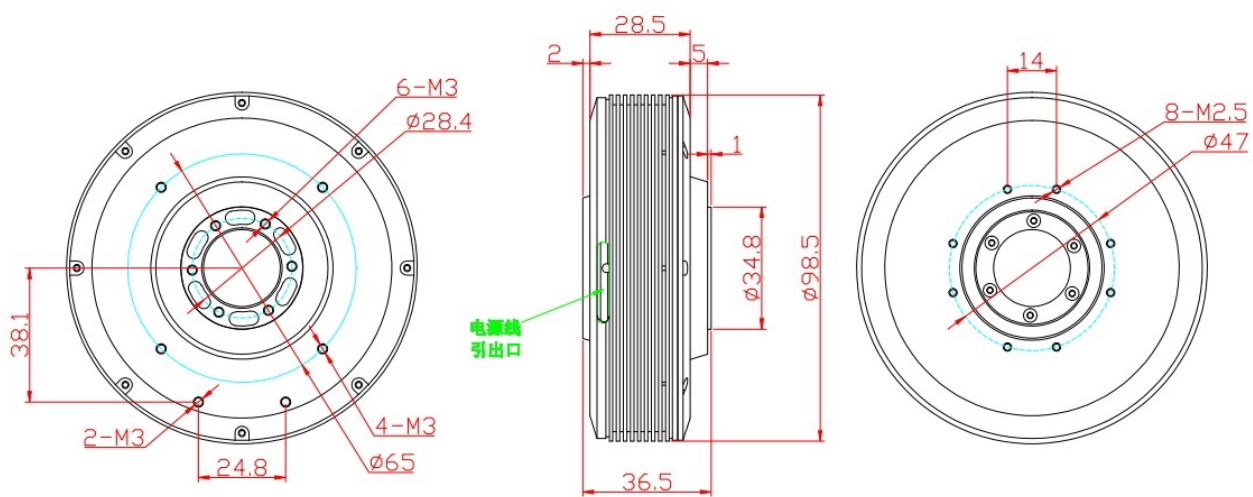
DM8110

Gimbal Motor

98mm gimbal motor, without encoder case



Dimension



Specification

Motor Data	Unit	DM8110/8110EC
1 Nominal voltage	V	24
2 Nominal current	A	1.75
3 Nominal torque	N.m	1.6
4 Nominal speed	rpm	130
5 Max speed	rpm	290
6 Stall torque	N.m	2
7 Stall current	A	3
8 Winding turns of motor	T	30
9 Phase to phase resistance	Ω	3
10 Phase to phase inductance	mH	31.5
11 Speed constant	rpm/V	11
12 Torque constant	Nm/A	1.13
13 Rotor inertia	gcm ²	2860
14 Number of pole pairs		21
15 Weight	g	454/460.7
16 Working temperature	°C	-20/80
17 Max demagnetize temperature	°C	120
18 Encoder type		AS5048A/AS5600