

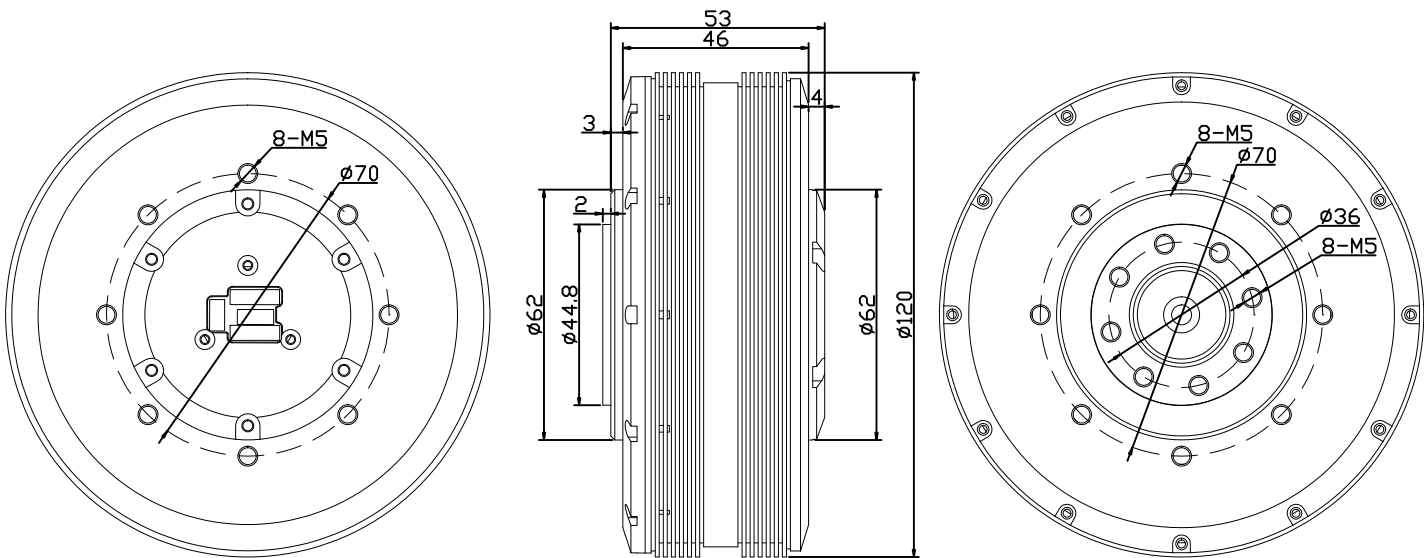
DM10025

Gimbal Motor

120mm gimbal motor, without encoder case



Dimension



Specification

Motor Data	Unit	DM10025/10025EC
1 Nominal voltage	V	24
2 Nominal current	A	3.8
3 Nominal torque	N.m	4
4 Nominal speed	rpm	168
5 Max speed	rpm	330
6 Stall torque	N.m	8.5
7 Stall current	A	16
8 Winding turns of motor	T	20
9 Phase to phase resistance	Ω	3.0
10 Phase to phase inductance	mH	2.23
11 Speed constant	rpm/V	9.2
12 Torque constant	Nm/A	1.03
13 Rotor inertia	gcm ²	4656
14 Number of pole pairs		21
15 Weight	g	1038.1/1159.3
16 Working temperature	°C	-20/80
17 Max demagnetize temperature	°C	120
18 Encoder type		AS5048A/AS5600