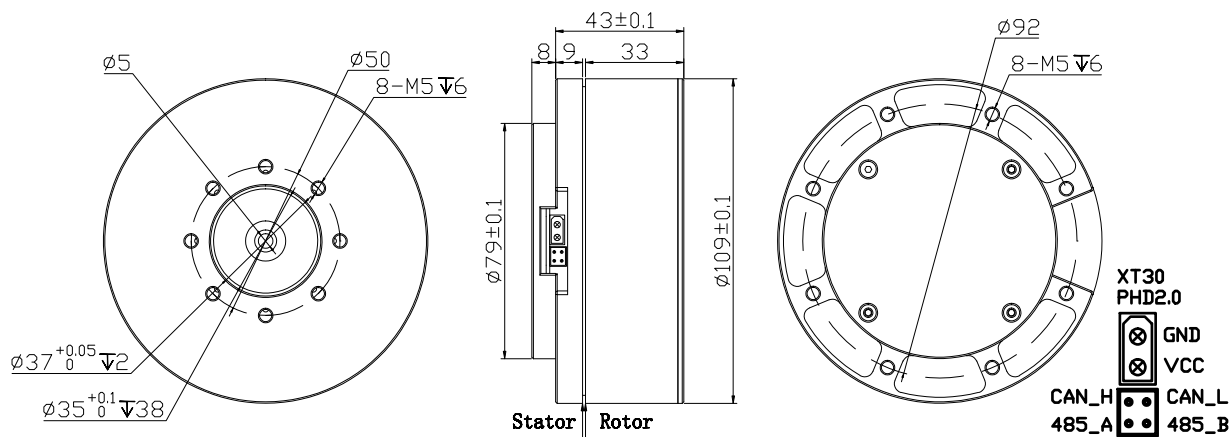


DDM11025 Gimbal Servo Motor

Gimbal motor with driver inside.



Dimension



Specification

Motor Data	Unit	Type:DDM11025
1 Nominal voltage	V	36
2. Voltage range	V	12~40
3 Nominal current	A	3.8
4. Nominal Power	W	136.8
5 Nominal torque	N.m	4
6 Nominal speed	rpm	168
7 Max speed	rpm	330
8 Peak torque	N.m	8.5
9 Peak current	A	16
10 Speed constant	rpm/V	9.2
11 Torque constant	Nm/A	1.03
12 Number of pole pairs		21
13 Phase to phase resistance	Ω	1.5
14 Phase to phase inductance	mH	1.13
15 Communication		RS485/CAN
16 Encoder type		Single-turn absolute
17 Resolution	bit	14
18 Weight	g	1028
19 Working temperature	$^{\circ}\text{C}$	-20/80