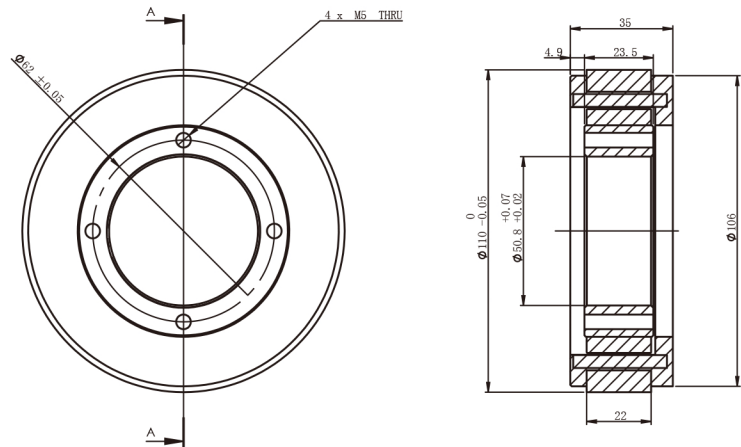




Motor Data

电机型号	Motor model		DD11035	
1 额定转速	Nominal speed	Wc	2000	rpm
2 额定转矩	Nominal torque	Tc	1.2	Nm
3 最大转矩	Maximum torque	TP	4.8	Nm
4 额定电流	Nominal current	Ic	1.25	A
5 最大电流	Maximum current	IP	5	A
6 额定功率	Nominal power	PR	251	watts
7 线间电阻	Terminal resistance	Rt	27.36	Ω
8 线圈电感	Terminal inductance	L	5.4	mH
9 转矩常数	Torque constant	Kt	0.957	Nm /A
10 放热系数	Thermal Resistance	$^{\circ}\text{C}/\text{W}$	0.95	$^{\circ}\text{C}/\text{W}$
11 极对数	Number of poles pairs	p	8	
12 最大允许电压	Maximum Bus Voltage	V	340	VDC
13 电机绝缘等级	Motor insulation class		class B	
14 防护等级	Protection class		IP64	
15 使用环境	Ambient temperature		-20~+40 $^{\circ}\text{C}$	
16 马达重量	Frameless Motor Weight		1.18	kg
17 转子惯量	Frameless Rotor Inertia		0.64×10^{-3}	$\text{kg} \cdot \text{m}^2$
18 电机绕组长度	Length of Winding, Frameless Motor		32	mm
19 电机外径	Outside Diameter, Frameless Motor		110	mm
20 转子内径	Rotor Bore Diameter		50.8	mm

Teminal definitions

