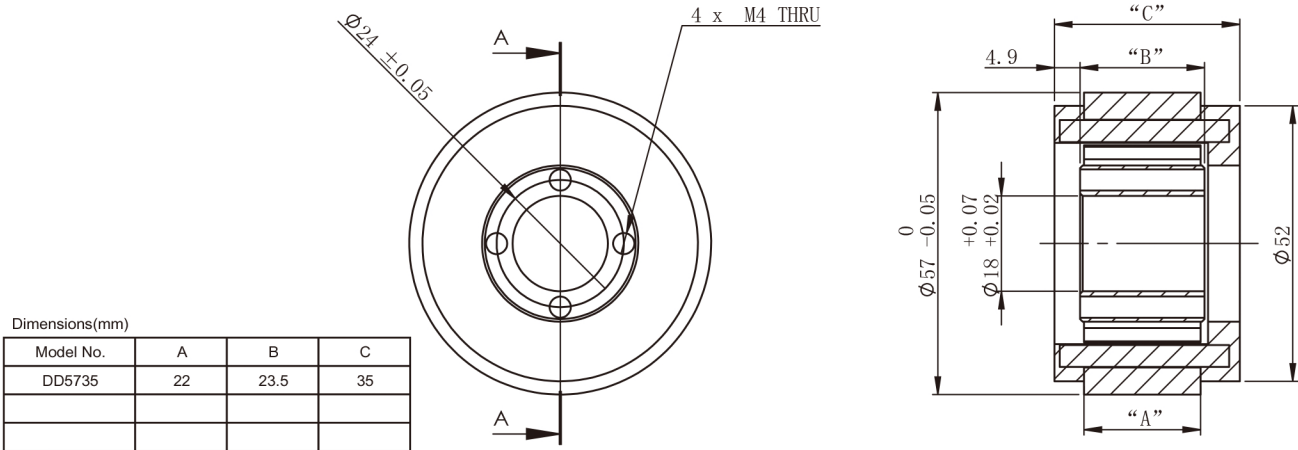


DD57



Dimensions(mm)

Model No.	A	B	C
DD5735	22	23.5	35

Motor Data				
电机型号	Motor model		DD5735	
1 额定转速	Nominal speed	Wc	4000	rpm
2 额定转矩	Nominal torque	Tc	0.2	Nm
3 最大转矩	Maximum torque	TP	0.82	Nm
4 额定电流	Nominal current	Ic	1.27	A
5 最大电流	Maximum current	IP	5.2	A
6 额定功率	Nominal power	PR	83.8	watts
7 线间电阻	Terminal resistance	Rt	6.21	Ω
8 线圈电感	Terminal inductance	L	2.5	mH
9 转矩常数	Torque constant	Kt	0.157	Nm /A
10 放热系数	Thermal Resistance	℃/W	2	℃/W
11 极对数	Number of poles pairs	p	2	
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℃	
16 马达重量	Frameless Motor Weight		0.32	kg
17 转子惯量	Frameless Rotor Inertia		1.11x10 ⁻⁵	kg·m ²
18 电机绕组长度	Length of Winding,Frameless Motor		35	mm
19 电机外径	Outside Diameter, Frameless Motor		57	mm
20 转子内径	Rotor Bore Diameter		18	mm

Teminal definitions

1	+5V
2	GND
3	Hall3
4	Hall2
5	Hall1

Green	U
Black	V
Red	W