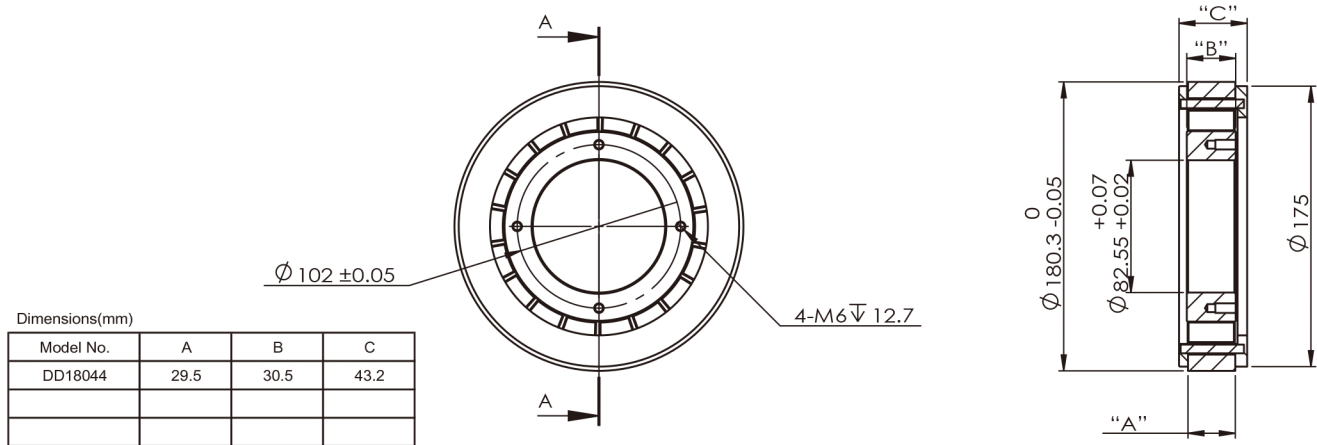




Motor Data

电机型号	Motor model		DD18044	
1 额定转速	Nominal speed	Wc	500	rpm
2 额定转矩	Nominal torque	Tc	4.03	Nm
3 最大转矩	Maximum torque	TP	16.12	Nm
4 额定电流	Nominal current	Ic	1.9	A
5 最大电流	Maximum current	IP	7.6	A
6 额定功率	Nominal power	PR	209	watts
7 线间电阻	Terminal resistance	Rt	12.9	Ω
8 线圈电感	Terminal inductance	L	4.7	mH
9 转矩常数	Torque constant	Kt	2.12	Nm /A
10 放热系数	Thermal Resistance	$^{\circ}\text{C}/\text{W}$	0.82	$^{\circ}\text{C}/\text{W}$
11 极对数	Number of poles pairs	p	9	
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		4.09	kg
17 转子惯量	Frameless Rotor Inertia		8.45x10 ⁻³	kg·m ²
18 电机绕组长度	Length of Winding,Frameless Motor		44	mm
19 电机外径	Outside Diameter, Frameless Motor		180	mm
20 转子内径	Rotor Bore Diameter		82.55	mm

Teminal definitions

