

A

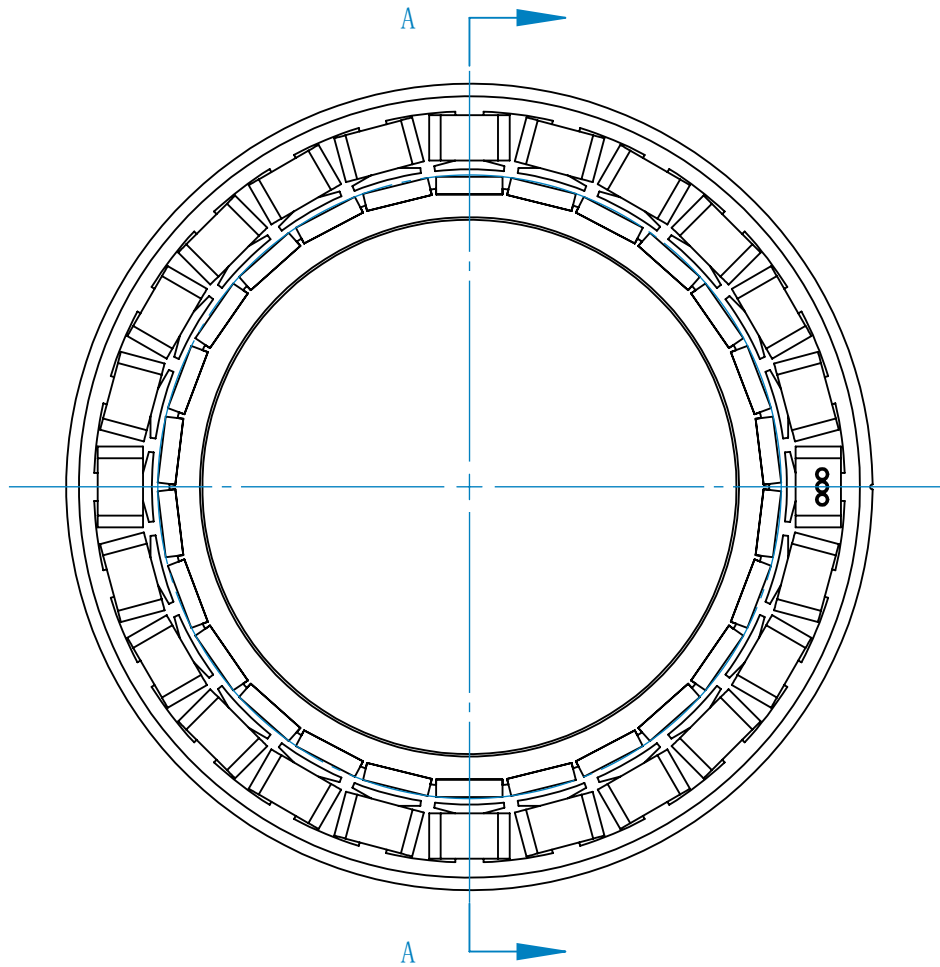
B

C

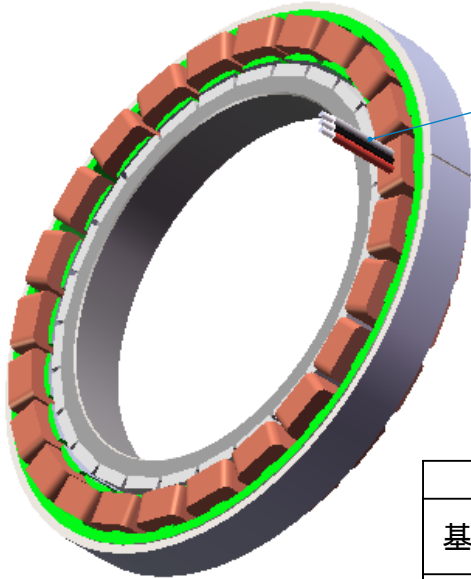
D

E

F



Model	U16025-F0055
Voltage	230V
Rated output (W)	492.56
Rated torque (Nm)	9.4
Instant max torque (Nm)	19.6
Rated current (Arms)	5
Instant max current (Arms)	10
Rated speed (Rpm)	500
Max speed (Rpm)	1100
Torque parameters (Nm/Arm)	1.88
Rotor inertia (10 ⁻⁴ kg.m ²)	9.2
Back EMF coefficient(Vrms/	116
Coil resistance (Ω)	6.5
Phase inductance (mH)	15.5
Number of pole-pairs (2P)	13
Weight (kg)	1.2KG



Wire: #14AWG, Red: U, Black: V, White: W, length: 300mm.

表1.未注线性尺寸公差及角度参照表					
基本尺寸	选用等级				角度
	A	B	C	D	
≤5	±0.02	±0.03	±0.05		0°~30° ±0.1°
>5~20	±0.03	±0.05	±0.1		31°~60° ±0.3°
>20~50	±0.05	±0.1	±0.15		61°~90° ±0.5°
>50~100	±0.1	±0.15	±0.2		
>100	±0.1%	±0.15%	±0.2%		

料号	U16025-F0055	描述	16025电机			
材料		图幅	数量	比例		
		A3	1	2:1		
版本	A1	第 1 张 共 1 张				
设计	戴耿志	强和精密机电				
审核						
批准	戴耿志	