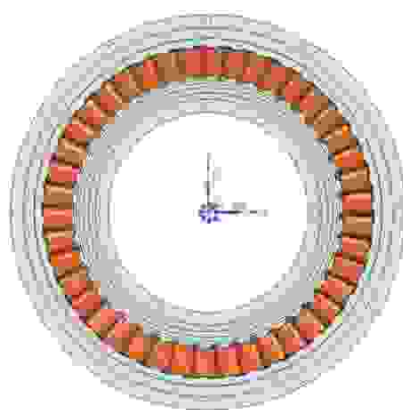


170 系列-J170LWX01-正弦波内转子(170 series – J170LWX01 - Sine Wave Internal Rotor)

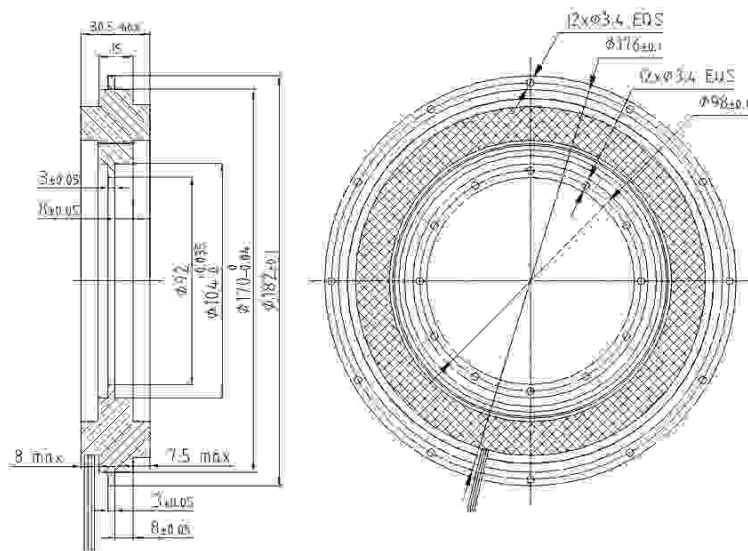


主要技术参数

Main technical parameters

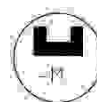
驱动方式	正弦波
Driving method	Sine wave
工作制	真空长时工作
Working system	Vacuum long-time operation
极对数	16
Number of poles	
额定电压/V	28
Rated voltage/V	
连续堵转转矩/N·m	≥ 3
Continuous blocking torque/N·m	
转矩系数/(N·m/A)	≥ 1
Torque coefficient/(N·m/A)	
峰值堵转转矩/N·m	≥ 7
Peak blocking torque / N·m	
空载转速/(r/min)	$260 \pm 10\%$
No-load speed/(r/min)	
相电阻/ Ω	$1.1 \times (1 \pm 15\%)$
Phase resistance/ Ω	
相电感/mH	$6.0 \times (1 \pm 25\%)$
Phase inductance/mH	
转矩波动系数	$\leq 4\%$
Torque fluctuation coefficient	
齿槽力矩/N·m	≤ 0.1
Cogging torque/N·m	
重量/kg	≤ 1.3
Weight/kg	

外形图/mm (Outline drawing/mm)



安装要求及注意事项
(Installation Requirement and Precautions)

电路图 (Circuit Diagram)

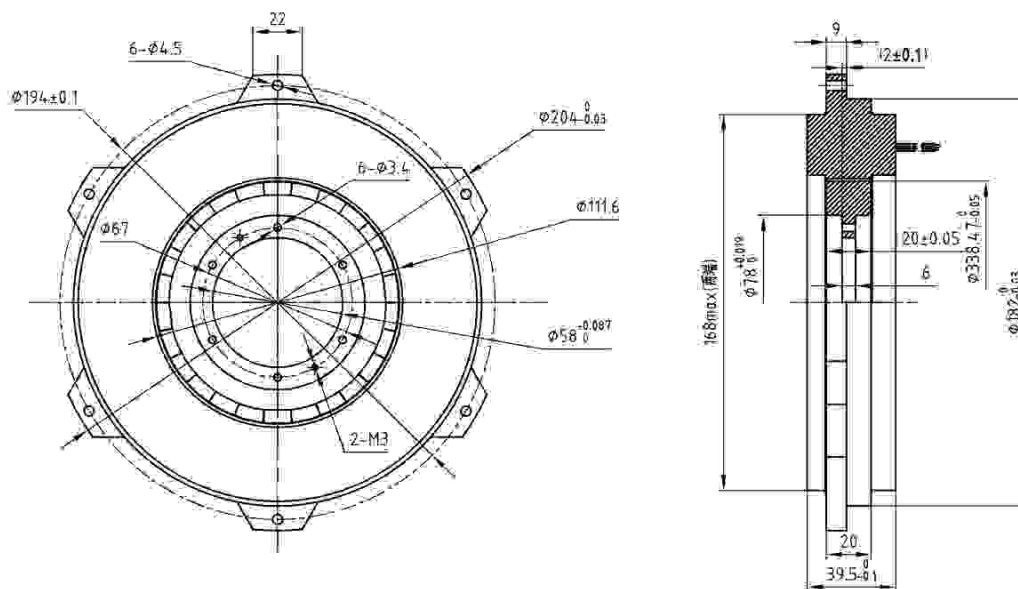


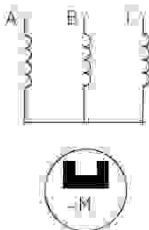
- a) $\Phi 170$ 和 $\Phi 104$ 安装面同轴度保证在 0.05mm 以内 (The coaxiality of $\Phi 170$ and $\Phi 104$ mounting surface is guaranteed to be within 0.05mm).

引出线定义 Lead wire definition	A 相 A phase	B 相 B phase	C 相 C phase
引出线标识 Lead wire identification	A	B	C

180 系列-J182TY37-正弦波内转子 (180 series – J182TY37 - Sine Wave Internal Rotor)

 定子 (Stator) 转子 (Rotor)	主要技术参数 Main technical parameters	
	驱动方式 Driving method	正弦波 Sine wave
	工作制 Working system	地面长时工作 Ground long time working operation
	极对数 Number of poles	13
	额定电压/V Rated voltage/V	27
	连续堵转转矩/N·m Continuous blocking torque/N·m	≥5
	转矩系数/(N·m/A) Torque coefficient/(N·m/A)	≥1.6
	峰值堵转转矩/N·m Peak blocking torque / N·m	≥10
	空载转速/(r/min) No-load speed/(r/min)	200±10%
	相电阻/Ω Phase resistance/Ω	1.15±10%
	相电感/mH Phase inductance/mH	13.9±20%
	转矩波动系数 Torque fluctuation coefficient	≤5%
	齿槽转矩/N·m Cogging torque/N·m	/
	重量/kg Weight/kg	≤3.2
	外形图/mm (Outline drawing/mm)	



安装要求及注意事项 (Installation Requirements and Precautions)	电路图 (Circuit Diagram)								
a) 安装端面保证 2 ± 0.1 (The mounting surface is guaranteed to be 2 ± 0.1); b) $\Phi 182$ 和 $\Phi 78$ 安装面同轴度保证在 0.05mm 以内 (The coaxiality of $\Phi 182$ and $\Phi 78$ mounting surface is guaranteed to be within 0.05mm).	 <table><tr><th>引出线定义 Lead wire definition</th><th>A 相 A phase</th><th>B 相 B phase</th><th>C 相 C phase</th></tr><tr><th>引出线标识 Lead wire identification</th><td>A</td><td>B</td><td>C</td></tr></table>	引出线定义 Lead wire definition	A 相 A phase	B 相 B phase	C 相 C phase	引出线标识 Lead wire identification	A	B	C
引出线定义 Lead wire definition	A 相 A phase	B 相 B phase	C 相 C phase						
引出线标识 Lead wire identification	A	B	C						