

150 系列-J150LWX01-正弦波内转子(150 series – J150LWX01 - Sine Wave Internal Rotor)

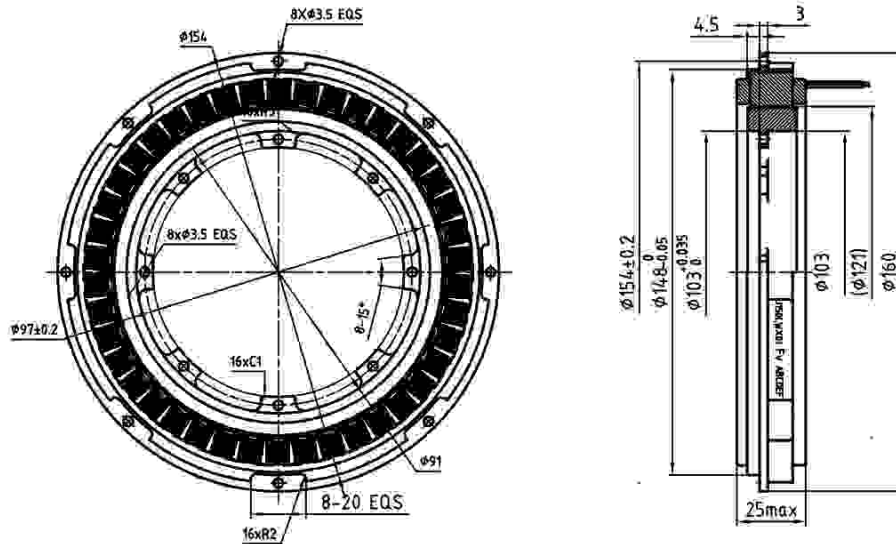


定子 (Stator)

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	真空短时工作制 Vacuum short-time working operation
极对数 Number of poles	16
额定电压/V Rated voltage/V	28
连续堵转转矩/N·m Continuous blocking torque/N·m	≥ 2.1
转矩系数/(N·m/A) Torque coefficient(N·m/A)	≥ 2.4
峰值堵转转矩/N·m Peak blocking torque / N·m	≥ 3.1
空载转速/(r/min) No-load speed/(r/min)	$90 \pm 10\%$
相电阻/ Ω Phase resistance/ Ω	$9.2 \pm 10\%$
相电感/mH Phase inductance/mH	$13 \pm 30\%$
转矩波动系数 Torque fluctuation coefficient	$\leq 5\%$
齿槽转矩/N·m Cogging torque/N·m	/
重量/kg Weight/kg	≤ 1.1

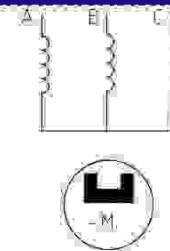
外形图/mm (Outline drawing/mm)



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

- 安装端面保证 4.5 ± 0.1 (The mounting surface is guaranteed to be 4.5 ± 0.1);
- $\Phi 103$ 和 $\Phi 148$ 安装面同轴度保证在 0.05mm 以内 (The coaxiality of $\Phi 103$ and $\Phi 148$ mounting surface is guaranteed to be within 0.05mm).

电路图 (Circuit diagram)



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