

110 系列-J110ZWX05-方波内转子 (110 series – J110ZWX05 - Square Wave Internal Rotor)



定子 (Stator)



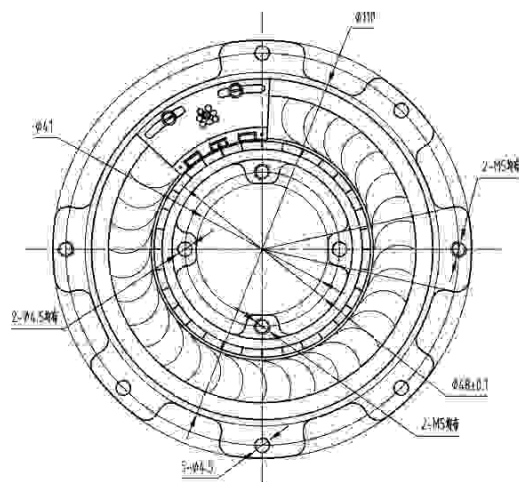
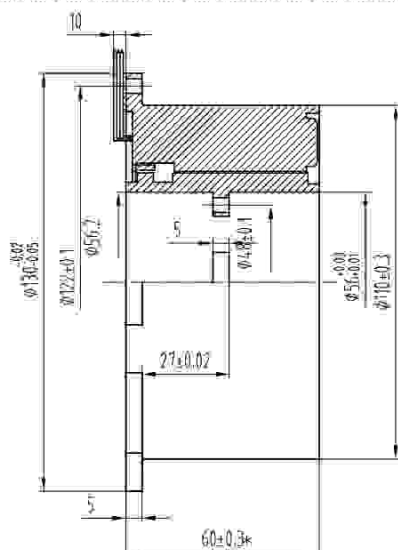
转子 (Rotor)

主要技术参数

Main technical parameters

驱动方式 Driving method	方波 Square wave
工作制 Working system	真空长时工作 Vacuum long-time working operation
极对数 Number of poles	16
额定电压/V DC Rated voltage/V DC	31
连续堵转转矩/N·m Continuous blocking torque/N·m	≥ 1.5
转矩系数/(N·m/A) Torque coefficient/(N·m/A)	≥ 1.5
峰值堵转转矩/N·m Peak blocking torque/N·m	≥ 5.5
空载转速/(r/min) No-load speed/(r/min)	$151 \pm 10\%$
相电阻/ Ω Phase resistance/ Ω	$4 \pm 10\%$
相电感/mH Phase inductance/mH	$23 \pm 20\%$
转矩波动系数 Torque fluctuation coefficient	$\leq 15\%$
齿槽转矩/N·m Cogging torque/N·m	≤ 0.15
重量/kg Weight/kg	≤ 2.1

外形图/mm (Outline drawing/mm)

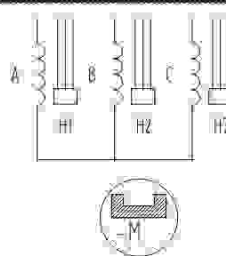


安装要求及注意事项

(Installation Requirement and Precautions)

- 安装端面保证 27 ± 0.02 (The mounting surface is guaranteed to be 27 ± 0.02);
- $\Phi 56$ 和 $\Phi 130$ 安装面同轴度保证在 0.03mm 以内 (The coaxiality of $\Phi 56$ and $\Phi 130$ mounting surface is guaranteed to be within 0.03mm).

电路图 (Circuit Diagram)



定义 Definition	A 相 A Phase	B 相 B Phase	C 相 C Phase	信号正 Signal Positive	信号地 Signal Ground	信号 A Signal A	信号 B Signal B	信号 C Signal C
标识 Marker	A	B	C	VCC	AGND	HA	HB	HC