

温州市正科电机有限公司

WENZHOU ZHENGKE ELECTROMOTOR CO., LTD

电机规格 (Motor Specification)

电机型号 (Motor Model): ZGX38REE/A8X95/30.25i/24V/200R

- 电机类型 (Motor Classification): 永磁直流微型电机 (Micro PMDC Motor).
- 标准工作条件 (Standard Operation Conditions):
 - 额定电压 (Rated Voltage): 24.0 V DC
 - 旋转方向 (Rotating direction): CCW
 - 环境温度范围 (Environment Temp): 0°C-50°C
 - 环境湿度范围 (Environment Humi): 30%-80%RH Without Condensation.
- 检验测试条件 (Inspection Conditions):
 - 测试电源 (Testing Powersupply): 稳压直流电源 (Stable DC Powersupply).
 - 电机放置状态 (Placement of Motor): 测试时水平放置 (Horizontal).
 - 环境温度范围 (Environment Temp): 15°C-35°C
 - 环境湿度范围 (Environment Humi): 35%-75%RH
- 电气特性 (Electrocal Characteristics):
 - 空载电流 (No Load Current): 0.4A Max
 - 空载转速 (No Load Speed): $200 \pm 10\%$ rpm
 - 负载 (On Load): 0.75N·m
 - 负载电流 (On Load Current): 1.4A Max
 - 负载转速 (On Load Speed): $160 \pm 10\%$ rpm
 - 绝缘等级 (Insulation Level): E级
 - 绝缘电阻 (Insulation Resistance): $1M\Omega$ min/500V
 - 性能特性 (Performance Characteristics):
参照电机性能曲线图 (Refer to the Performance Curve Attached).
- 机械特性 (Mechanical Chararacteristics):
 - 外形尺寸 (External Dimension): 参照电机外型图 (Refer to the Dimension Drawing Attached).
 - 轴向虚位 (Shaft Axial-Play): 0.3mm Max
 - 转轴径向跳动 (Shaft radial-Play): 0.05mm Max
- 电机噪音 (Motor Noise level):
60dB max; 额定电压空载运行, 且背景噪音不超过 40dB, 测试距离 300mm, 测试示意图如下. (60dB max; With a Background noise of 40dB Max; 300mm Distance From the Flange of Mortor, See the Motor Testing Placement Under).

