

Motor Specification**电机规格**

0.MODEL 型号: **LRE260A-2670-38**

1.Standard Operating Conditions 工作条件:

- | | |
|--|---|
| 1-1 Rated Voltage: | <u>3.0V DC</u> constant between motor terminals |
| 额定电压: | 马达端子电压 <u>3.0V</u> 直流电压 |
| 1-2 Direction of Rotation: | <u>CW</u> when viewed from output shaft side |
| 回转方向: | <u>CW</u> 从出力轴端观看 |
| 1-3 Operating Temperature and Humidity | Temperature range of -10 °C ~+50 °C , Humidity range of 30%~80% |
| 工作温度及湿度 | 温度范围是-10℃~+50℃
湿度范围是 30%~80% |
| 1-4 Storage Temperature | Temperature range of -20℃~+60℃ |
| 贮藏温度 | 温度范围是-20℃~+60℃ |

2.Measuring Conditions:测量条件

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|-----------------------------------|---|
| 2-1 Motor Position: | To be place t horizontally when measuring |
| 马达放置位置 | 测试时水平放置 |
| 2-2 Power Supply: | Regulated DC power supply |
| 电源 | 直流稳压电源 |
| 2-3 Environmental Temperature and | Temperature range of 15°C to 30°C |
| 环境温度及相对湿度 | Relative humidity 30%and 70% |

3.Electrical Characteristics (at initial stage after 30 seconds run-in)电气性能

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|------------------------------------|--------------------------------------|
| 3-1 No Load Current:空载电流 | <u>0.340 A</u> MAX |
| 3-2 No Load Speed:空载转速 | <u>12800 ± 10%</u> rpm |
| 3-3 Starting Voltage:起动电压 | <u> </u> V Max |
| 3-4 Rated Load:额定负载 | <u>17.0</u> g.cm |
| 3-5 Rated Load Current:负载电流 | <u>1.4</u> A max |
| 3-6 Rated Load Speed:负载转速 | <u>10080 ± 10%</u> rpm |
| 3-7 Motor Performance Curve 马达曲线参数 | Attached motor characteristics curve |
| 3-8 Stall Current 堵转电流 | <u>3.75-4.45A</u> |

4.Mechanical Characteristics 机械性能

4-1 External Appearance:外形

Attached Outline Drawing

4-2 Shaft End Play:轴向窜动

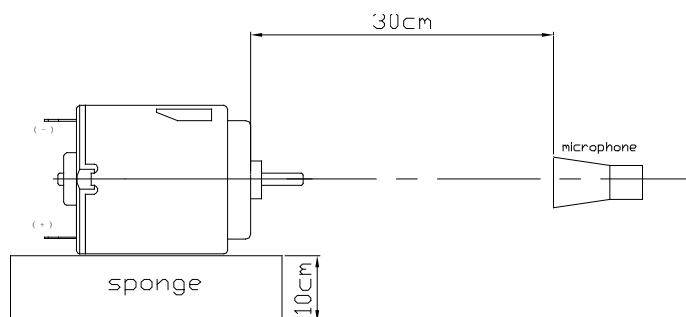
0.1~0.5mm

4-3 Weights:重量

Approx.29g

4-4 Mechanical Noise:机械噪音

At no load operation with a distance of 10 cm between the microphone and the motor is applied on the mechanical noise test



Rated voltage:3.0V

Motor noise: 65 dB max

Background noise: 35 dB max

4-5 Vibration 振动

No vibration feeling when held by hand under rated load and voltage