DC permanent magnet gear motor

2.1 voltage: DC 2.0～7.5V

2.2 Temperature: -10℃～+60℃

2.3 Humidity: 5%～95%RH

2.4 testing environment: +5℃～+35℃, 40%～85%RH

2.5 direction of rotation: CCW

3.1 rated voltage: 6.0V DC

3.2 speed output: 295±10%rpm

3.5 no load current: ≤350mA

3.6 locked rotor current <5.5A

3.7 locked rotor torque≥4.0Kg-cm

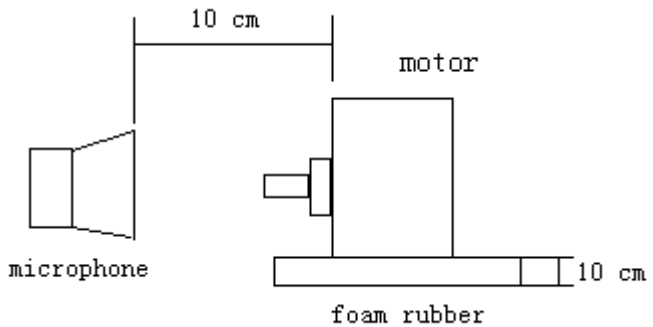
3.8 starting voltage: ≤2.0V

3.9 insulating resistance: DC250V, ≥20MΩ

4.1 gear reduction rating: 1/34

4.2 axial clearance: 0.1-0.8mm

4.3 mechanical noise: ≤80dB



5. life test：

Under rated voltage, no-load and 1000 hours continuous operation condition, the change in rated speed should not be greater than the initial value of ± 10%, current increases should be no more than 30% of the initial value of the motor no obvious anomalies.