

产品型号： 1151724 双出轴

### 1. 标准使用条件 (Standard Operating Conditions)

NO.	项目 (Item)	规格 (Specification)	检验方法 (Test Method)
1.1	额定电压 ( Rated Voltage )	DC6.0V	电压表 ( Multimeter )
1.2	速比 ( Gear Ratio)	1/150	
1.3	马达转向 ( Rotation )	CCW&CW	手感 (Handle)
1.4	姿势 ( Motor Position )	检查时水平 (All position in horizontal)	手感 (Handle)
1.5	检测时时温度范围 Temperature	0 Degree - 30 Degree Celsius	温度计 ( Thermometer )
1.6	检测时时湿度范围 Humidity	30% ~ 95%	湿度计 ( Hygroscope )

### 2. 电机性能 (Performance Of Motors)

NO.	项目 (Item)	规格 (Specification)	检验方法 (Test Method)
2.1	空载转速 ( No-load Speed )	10500±10%rpm	转速表 (Flash Speed Indicator)
2.2	空载电流 (No-load Current )	110mA(Max)	电流表 (DC Power Supply)
2.3	堵转电流 (Stall Current)	1300mA(Max)	电流表 (DC Power Supply)
2.4	堵转力矩 ( Stall Torque)	31g.cm	扭力计 (Torque Measure)

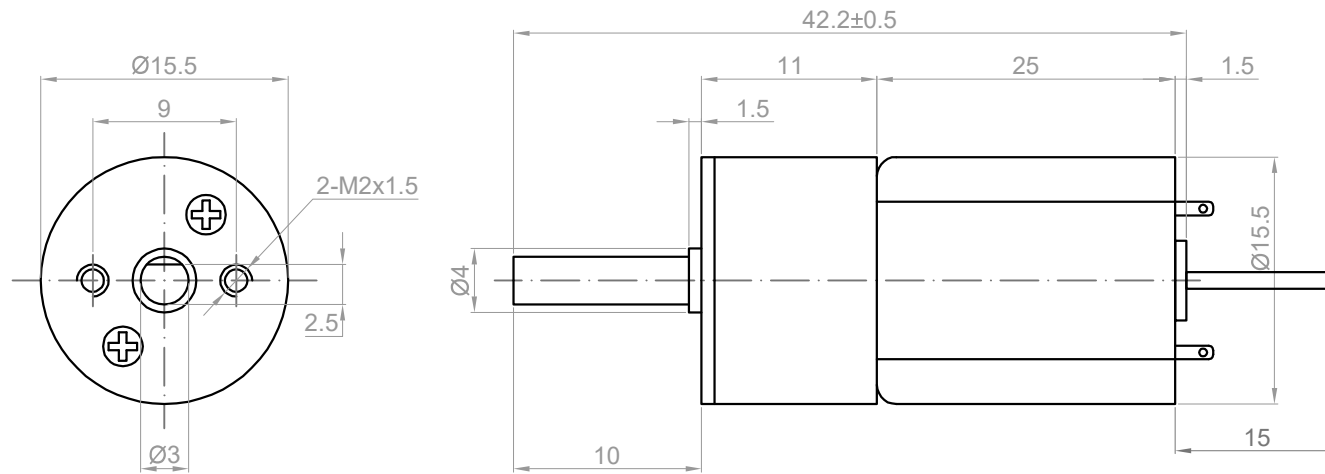
### 3. 整机性能 ( Performance of Gear motors)

NO.	项目 (Item)	规格 (Specification)	检验方法 (Test Method)
3.1	输出转速 (Output Speed)	70±10%rpm	转速表 (Flash Speed Indicator)
3.2	空载电流 (No-load Current)	140mA(Max)	电流表 (DC Power Supply)
3.3	堵转电流 (Stall Current)	1300mA(Max)	电流表 (DC Power Supply)
3.4	堵转力矩 (Stall Torque)	最大不允许超过3.0kg.cm	扭力计 (Torque Measure)
3.5	负载力矩 ( Rated Torque )	1000g.cm	扭力计 (Torque Measure)
3.6	负载电流 ( Rated Current )	500mA(Max)	电流表 (DC Power Supply)
3.7	负载转速 ( Rated Speed )	52±10%rpm	转速表 (Flash Speed Indicator)
3.8	噪音 30CM ( Noise )	56dB	分贝仪 ( Digital Sound Lev d Meter )

### 4. 基本尺寸 (The Dimension )

NO.	项目 (Item)	规格 ( Specification)	检验方法 (Test Method)
4.1	轴伸尺寸 ( The Outside Shaft Length )	10mm	卡尺 (Vernier Calipers)
4.2	轴向间隙 (Shaft End Play)	0.05-0.30mm	治具 (Frock)
4.3	螺孔 (Screw Size )	M2.0	治具 (Frock)
4.4	出轴直径 (Dia.of shaft)	Φ3*2.5mm	卡尺 (Vernier Calipers)
4.5	外形安装尺寸 (Outline Mounting Dimension)	Refer to the Outline Drawing	治具和卡尺 Calipe

Rev.	Description	Date
01	Release for Production	08/28/2014



Unit: mm

NO.	Item	Specification	NO.	Item	Specification
1	Rated Voltage	6.0 V DC	7	No Load Current	0.14 A Max
2	Rated Torque	1.0 Kg.cm	8	No Load Speed	$70\pm 10\%$ RPM
3	Load Current	0.5 A Max	9	Stall Current	1.3 A
4	Load Speed	$52\text{ RPM}\pm 10\%$	10	Stall Torque	3Kg.cm
5	Gear Ratio	1:150	11	Rotation	CCW & CW
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Checked					
Eng Appr.					
Mfg Appr.					
Q.A.					
SKU	<b>1151724</b>		Size : A4	Weight(Kg): 0.2	Unit: mm
			Scale: 5:1		Sheet 1 of 1