

25GA-370 规格书

标准使用状态及条件	
使用温度范围	-20℃~60℃
保存温度范围	-30℃~80℃
安装形式	输出轴水平放置
环境条件	25 ± 10℃ 65% ± 25%RH
电源	稳压电源
电气特性	
额定电压	DC 6.0V (适用范围 DC 4-7V)
旋转方向	CCW (从轮出轴端看 CW)
空载转速	310 ± 12%/min
空载电流	280mA max
负载力矩	1500.0g.cm(砝码吊重)
负载电流	1600mA max
负载转速	260 ± 12%rpm
起动电压	≤ 1.2V
堵转电流	≤ 9.0A(起动 30 秒后测试)
堵转力矩	≥ 7.0kg.cm (允许瞬时负载力矩小于 7kg.cm)
绝缘阻抗	1M 欧姆/100VDC Min, 马达端子和铁壳间
介电强度	600VAC/0.5mA/IS, 马达端子和铁壳间
噪音	65dB Max, 额定电压空载运行, 且背景噪音不超过 38dB, 距离 25CM 测试.
编码器信号	一圈 2 個信號
机械特性	
虚位尺寸	0.05~0.5mm
轴端 TIR	0.06mm Max
轴伸长度	17.0 ± 0.5mm (轴 D 位加一沉孔)

Specification of 25GA-370 Reducing-Motor

Standard Condition for Usage	
Working Temperature	-20°C~60°C
Storage Temperature	-30°C~80°C
Installation Method	Horizontally place the output shaft
Environment Condition	25 ± 10°C 65% ± 25%RH
Power Supply	Stabilized power supply
Electrical Characteristics	
Nominal Voltage	DC 6.0V (Scope of application: DC 4-7V)
Rotation Direction	CCW (CW, from the direction of output shaft)
No-load Speed	310 ± 12%/min
No-load Current	280mA max
Load Torque	1500.0g.cm(Lifting Weight)
Load Current	1600mA max
Load Rotation Speed	260 ± 12%rpm
Starting Voltage	≤ 1.2V
Locked-rotor Current	≤ 9.0A(Test after starting for 30 seconds)
Stalling Torque	≥ 7.0kg.cm (Allow stalling torque is less than 7kg.cm)
Insulation Resistance	1MΩ /100VDC Min, between motor terminal & iron clad
Dielectrical Strength	600VAC/0.5mA/IS, between motor terminal & iron clad
Noise	65dB Max, no-load running at rated voltage, and the background noicie is no more than38dB, test at distance of25CM.
Encoder Signal	2 signals/circle
Mechanical Characteristics	
Virtual Size	0.05mm~0.5mm
Shaft TIR	0.05mm Max
Shaft Length	17.0 ± 0.5mm (insert a screen on D position of the Shaft)