

深圳市科硕电机有限公司 SHENZHENSHIKESHUO MOTOR CO., LTD.

样板规格书

MODEL SPECIFICATION

客户名称 Customer Name			
文件编号/Spce No	20171216003		
品名/Descrption	永磁直流马达/PMDC motor		
型号/part No	KS-GM12-N20VA-00501-10D		
作成/Drawn	审核/Checked	批准/Approved	日期/Date
			2017-12-16

客户确认栏 CUSTOMERAPPROVAL

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PRODUCT SPECIFICATION

1. 标准使用条件 Standard operating condition

NO	Item	Specification		
序号	项目	规格		
1.1	Rated voltage 额定电压	Motor teminal voltage : 5.0VDC 马达端子电压:5.0VDC		
1.2	Rated load 额定负荷	Weight 100g-cm		
1.3	Rotation direction 旋转方向	CW (When viewed from output side with +ve voltage applied to +ve terminal) 顺时针方向旋转(轴突视之,电压正极接端子正极)		
1.4	Motor position 摆放位置	Any position is available 任意位置均可		
1.5	Voltage range for use 工作电压范围	DC:4V~10.0V		
1.6	Operating conditions 使用环境	-20℃~60℃ ordinary humidity常规湿度 15%~90%RH (no condensation of moisture/不凝露)		
1.7	Storage conditions 贮存环境	-20℃~70℃ ordinary humidity常规湿度 15%~75%RH (no condensation of moisture/不凝露)		
1.8	Appearance 外观	Surface without oxidation scratch damage, etc 表面无氧化、损伤、变形等		

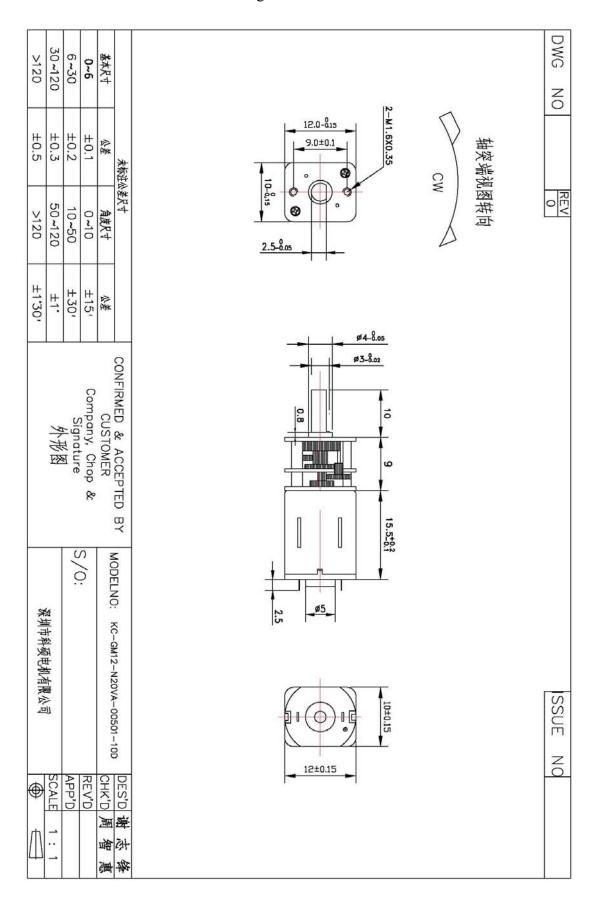
2. 电气性能 Electrical characteristics

NO.	NO. Item Measuring condition Specification					
NO. 序号	项目	测试条件	规格			
2.1	No-Load current	At Rated voltage and no load	≤180mA			
2.2	空载电流 No-Load speed 空载转速	额定电压及无负荷下测试	500 ± 12% rpm			
2.3	Rated Load 额定负荷		100g-cm			
2.4	Rated current 额定电流	At Rated voltage and rated load 额定电压及标准负荷下测试	≤360mA			
2.5	Rated speed 额定转速		440±15%rpm			
2.6	Starting Voltage 始动电压	Connect the voltage into the ends 将电压直接接在马达端子之间	1.5VDC Max			
2.7	Insulation resistance 绝缘电阻	At DC 100V, measured between housing case and terminal. 在 100V 直流电压下,电机引线与外壳间测量	\geqslant 1M Ω			
2.8	STALL CURRENT/ 堵转电流	接 AT RATED VOLTAGE AND SHAFT LOCK./在额定电压下输出轴堵转	1.8 AMax			
2.9	Starting Torque 堵转力矩	额定电压, 两点法 0 和 5.0 g-cm./ At rated voltage and two different load, 0 and 5.0 g-cm.	550g-cm Min			

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3.附件 ATTACHMENT

1) 电机外形图 Motor Outline Drawing



4. BARE MOTOR PERFORMANCE CURVE/电机性能曲线

电机特性曲線Motor Performance Curves and Characteristics

