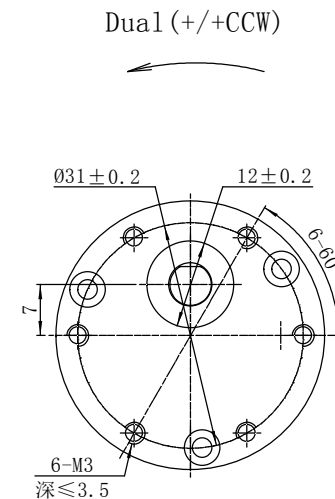
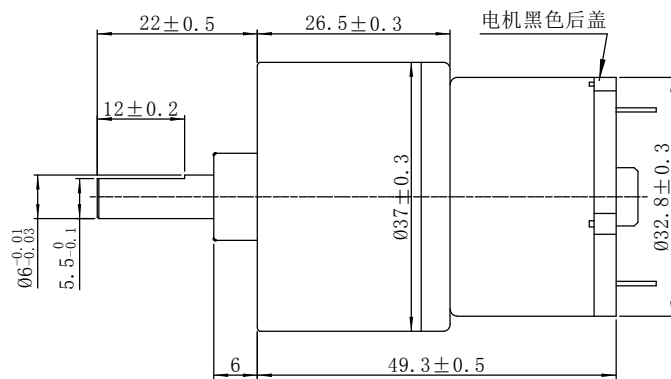
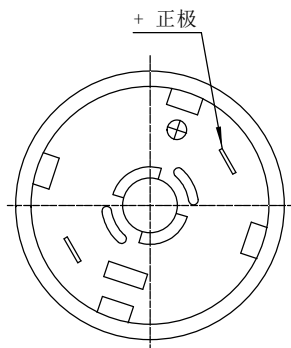


A 客户代码 Customer Code		B 样品单号 Sample Code		C SS20220421001		D 电机型号 Model		E MG3733231222270		F 内部料号 Internal Code Of Part		G		H	
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1	减速比 K Gear Ratio		1:270
	额定电压 V Rated Voltage		12
G E A	空载转速 RPM Free-load Speed		20±12%
	空载电流 mA Free-load Current		70 Max
2 R E D	额定转速 RPM Rated Speed		16.5±12%
	额定电流 mA Rated Current		240 Max
M O T O R	额定扭矩 Kgf.cm Rated Torque		5
	堵转电流 mA Stall Current		450 REF
3 O R	瞬间允许扭矩 Kgf.cm Max Momentary Tolerance Torque		15 Max
	是否可堵转 Stall allowed or not		N0
4	旋向 CW/CCW Direction		CCW
	噪音 dB(A) Noise (L=300mm)	环境噪音	/
		整机噪音	/

样品直流减速电机外形简图



- 备注:
Remarking
1. 减速电机输出轴轴向间隙≤0.5mm
回转间隙≤2°;
 2. 减速电机使用正常环境: -10° C-
+50° C;
 3. 减速电机的安装方式是用如图所示
的6-M3及直径012的台阶定位安装,
同时安装螺钉使用扭矩≤5.5Kg.cm;
 4. 减速电机在使用过程轴向压力≤7N
 5. 减速电机在使用过程不能频繁冲击
及堵转;
 6. 电机尾部焊线时电烙铁的温度应≤
350° C, 焊接时间≤4秒。

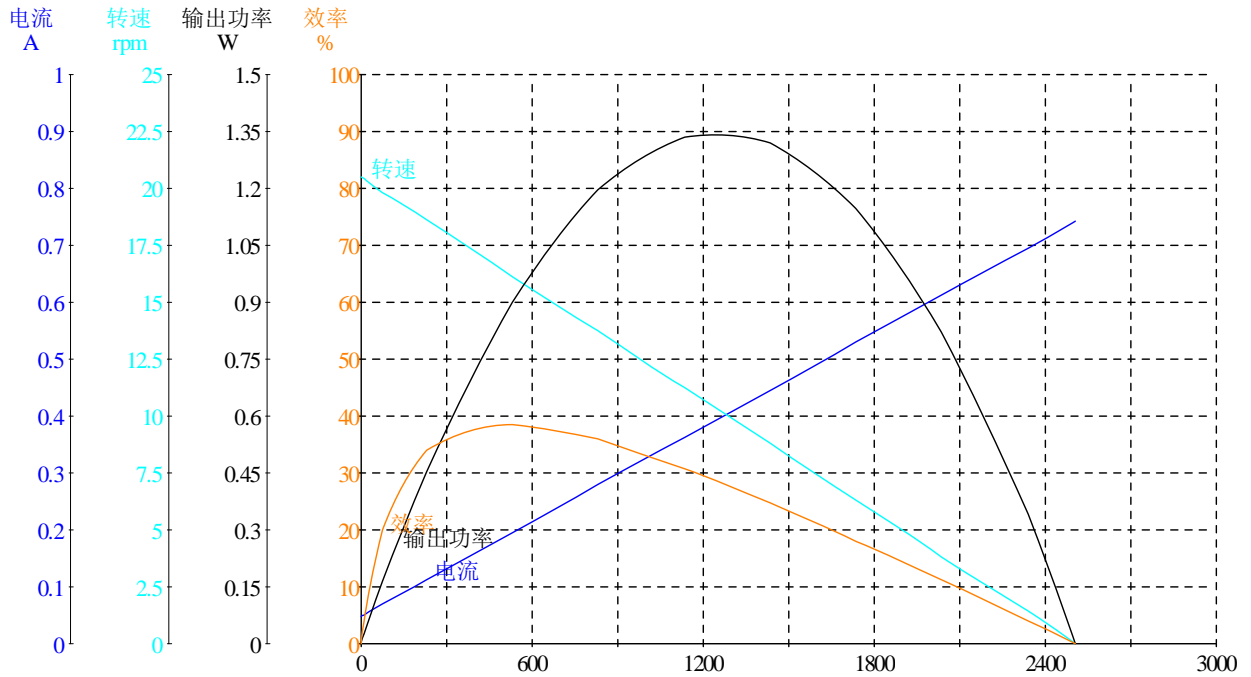
A	XXXX	1ST ISSUE	20220423
REV.	ECN#	DETAILS	DATE

MERCURY MOTOR	SCALE	1:1	UNIT	mm	UNSPECIFIED TOLERANCE: 0~6: ±0.1 >6~30: ±0.2 >30~120: ±0.3 >120: ±0.5 ANGLES: ±30'
	DRAWN BY		MATERIAL	SIZE	
CHECKED BY				MG3733231222270	
APPROVAL BY		FINISH		SHEET	OF
				REV	A/0
				DWG. NO.	
				SS20220421001	

MG373323122270

电机测试报告

客户名称(Customer): 额定电压(Voltage): 12
档案名称(FileName): SS20220421001-1.gzd 额定功率(Power rated):
电机型号(Type): 520 测试人员(Tester): 03
电机编号(Number): 0 测试日期(Test Date): 2022.04.23



特征点	电压	电流	输入功率	转矩	转速	输出功率	效率	时间
	V	A	W	mN.m	rpm	W	%	S
不加载点(No_Load)	12.03	0.048	0.573	2.5	20.5	0.005	0.9	3.027
最高效率点(Eff_max)	12.03	0.194	2.338	532.8	16.1	0.900	38.5	17.11
最大输出功率点(Pout_max)	12.03	0.389	4.679	1235.7	10.4	1.345	28.8	17.11
最大转矩点(Torque_max)	12.03	0.741	8.918	2509.1	0.0	0.000	0.0	0.000
结束点(End)	12.03	0.741	8.918	2509.1	0.0	0.000	0.0	0.000

MG373323122270

电机测试报告

客户名称(Customer): 额定电压(Voltage): 12
档案名称(FileName): SS20220421001-1.gzd 额定功率(Power rated):
电机型号(Type): 520 测试人员(Tester): 03
电机编号(Number): 0 测试日期(Test Date): 2022.04.23

序号	电压	电流	输入功率	转矩	转速	输出功率	效率	时间
	V	A	W	mN.m	rpm	W	%	S
1	12.03	0.047	0.564	0.0	20.5	0.000	0.0	0.000
2	12.03	0.047	0.570	1.7	20.5	0.004	0.6	0.000
3	12.03	0.048	0.573	2.5	20.5	0.005	0.9	3.027
4	12.03	0.050	0.602	11.2	20.4	0.024	4.0	5.039
5	12.03	0.053	0.637	22.0	20.3	0.047	7.3	7.052
6	12.03	0.059	0.708	43.2	20.1	0.091	12.9	9.064
7	12.03	0.069	0.828	79.1	19.8	0.164	19.9	11.08
8	12.03	0.081	0.979	124.5	19.5	0.254	25.9	13.09
9	12.03	0.095	1.142	173.6	19.1	0.347	30.4	15.10
10	12.03	0.111	1.335	231.6	18.6	0.451	33.8	17.11
11	12.03	0.139	1.670	332.0	17.8	0.618	37.0	17.11
12	12.03	0.167	2.004	432.4	17.0	0.768	38.3	17.11
13	12.03	0.194	2.338	532.8	16.1	0.900	38.5	17.11
14	12.03	0.222	2.673	633.3	15.3	1.016	38.0	17.11
15	12.03	0.250	3.007	733.7	14.5	1.114	37.0	17.11
16	12.03	0.278	3.341	834.1	13.7	1.195	35.8	17.11
17	12.03	0.306	3.676	934.5	12.9	1.258	34.2	17.11
18	12.03	0.333	4.010	1034.9	12.0	1.305	32.5	17.11
19	12.03	0.361	4.344	1135.3	11.2	1.334	30.7	17.11
20	12.03	0.389	4.679	1235.7	10.4	1.345	28.8	17.11
21	12.03	0.417	5.013	1336.1	9.6	1.340	26.7	17.11
22	12.03	0.444	5.347	1436.6	8.8	1.317	24.6	17.11
23	12.03	0.472	5.682	1537.0	7.9	1.278	22.5	17.11
24	12.03	0.500	6.016	1637.4	7.1	1.220	20.3	17.11
25	12.03	0.528	6.350	1737.8	6.3	1.146	18.0	17.11
26	12.03	0.556	6.685	1838.2	5.5	1.054	15.8	17.11
27	12.03	0.583	7.019	1938.6	4.7	0.946	13.5	17.11
28	12.03	0.611	7.353	2039.0	3.8	0.820	11.1	17.11
29	12.03	0.639	7.688	2139.4	3.0	0.676	8.8	17.11
30	12.03	0.667	8.022	2239.9	2.2	0.516	6.4	17.11
31	12.03	0.695	8.356	2340.3	1.4	0.338	4.0	17.11
32	12.03	0.722	8.691	2440.7	0.6	0.143	1.6	17.11
33	12.03	0.741	8.918	2509.1	0.0	0.000	0.0	0.000