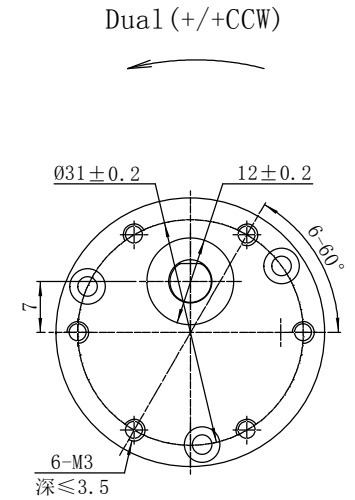
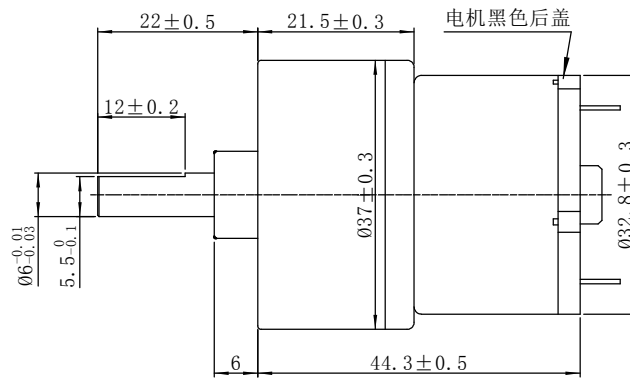
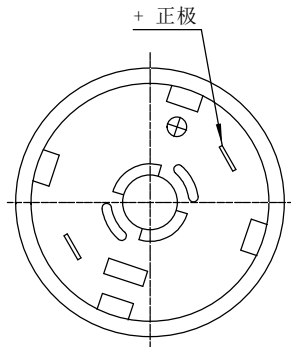


A 客户代码 Customer Code		B 样品单号 Sample Code		C SS20220421004		D 电机型号 Model		E MG3733231227020		F 内部料号 Internal Code Of Part		G		H	
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1	减速比 K Gear Ratio		1:20.4
	额定电压 V Rated Voltage		12
G E A	空载转速 RPM Free-load Speed		269±12%
	空载电流 mA Free-load Current		90 Max
2 R E D	额定转速 RPM Rated Speed		210±12%
	额定电流 mA Rated Current		360 Max
M O T O R	额定扭矩 gf.cm Rated Torque		700
	堵转电流 mA Stall Current		730 REF
3 O R	瞬间允许扭矩 gf.cm Max Momentary Tolerance Torque		2100 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。

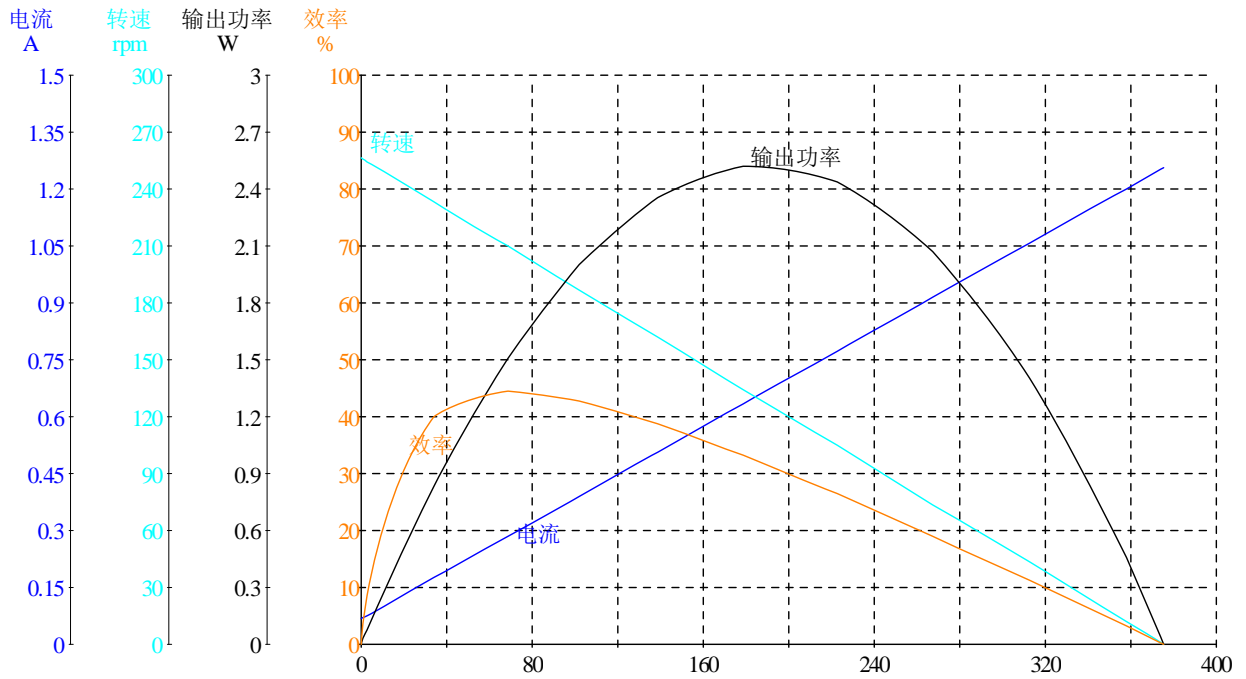
REV.	ECN#	DETAILS	DATE
A	XXXX	1ST ISSUE	20220423

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					MG3733231227020
APPROVAL BY		FINISH			SHEET OF REV A/0
					DWG. NO. SS20220421004

MG3733231227020

电机测试报告

客户名称(Customer): 额定电压(Voltage): 12
档案名称(FileName): SS20220421004-2.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	0.065	0.784	0.0	256.1	0.000	0.0	0.000
最高效率点(Eff_max)	12.02	0.283	3.400	68.7	209.3	1.505	44.3	13.09
最大输出功率点(Pout_max)	12.01	0.680	8.161	193.9	124.0	2.517	30.8	21.14
最大转矩点(Torque_max)	11.99	1.256	15.06	375.8	0.0	0.000	0.0	0.000
结束点(End)	11.99	1.256	15.06	375.8	0.0	0.000	0.0	0.000

MG3733231227020

电机测试报告

客户名称(Customer): 额定电压(Voltage): 12
 档案名称(FileName): SS20220421004-2.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	0.065	0.784	0.0	256.1	0.000	0.0	0.000
2	12.03	0.069	0.833	1.3	255.2	0.035	4.2	0.000
3	12.03	0.070	0.841	1.5	255.1	0.040	4.8	3.027
4	12.03	0.074	0.890	2.8	254.2	0.075	8.4	5.039
5	12.03	0.090	1.088	8.0	250.7	0.210	19.3	7.052
6	12.03	0.125	1.508	19.0	243.2	0.484	32.1	9.064
7	12.03	0.173	2.080	34.0	232.9	0.830	39.9	11.08
8	12.03	0.190	2.285	39.4	229.3	0.946	41.4	11.08
9	12.02	0.238	2.857	54.4	219.0	1.248	43.7	13.09
10	12.02	0.283	3.400	68.7	209.3	1.505	44.3	13.09
11	12.02	0.330	3.972	83.7	199.0	1.745	43.9	15.10
12	12.02	0.378	4.544	98.8	188.8	1.952	43.0	15.10
13	12.02	0.390	4.682	102.4	186.3	1.998	42.7	15.10
14	12.02	0.437	5.254	117.4	176.1	2.165	41.2	17.11
15	12.02	0.485	5.826	132.5	165.8	2.300	39.5	17.11
16	12.01	0.506	6.078	139.1	161.3	2.349	38.7	17.11
17	12.01	0.554	6.649	154.1	151.1	2.438	36.7	19.13
18	12.01	0.601	7.221	169.2	140.8	2.494	34.5	19.13
19	12.01	0.632	7.590	178.9	134.2	2.514	33.1	19.13
20	12.01	0.680	8.161	193.9	124.0	2.517	30.8	21.14
21	12.01	0.727	8.732	209.0	113.7	2.488	28.5	21.14
22	12.01	0.771	9.257	222.8	104.3	2.433	26.3	21.14
23	12.00	0.819	9.828	237.8	94.0	2.342	23.8	21.14
24	12.00	0.866	10.40	252.9	83.8	2.218	21.3	21.14
25	12.00	0.914	10.97	267.9	73.5	2.063	18.8	21.14
26	12.00	0.962	11.54	283.0	63.3	1.875	16.2	21.14
27	12.00	1.009	12.11	298.0	53.0	1.655	13.7	21.14
28	11.99	1.057	12.68	313.0	42.8	1.402	11.1	21.14
29	11.99	1.105	13.25	328.1	32.5	1.118	8.4	21.14
30	11.99	1.152	13.82	343.1	22.3	0.801	5.8	21.14
31	11.99	1.200	14.39	358.2	12.0	0.452	3.1	21.14
32	11.99	1.248	14.96	373.2	1.8	0.070	0.5	21.14
33	11.99	1.256	15.06	375.8	0.0	0.000	0.0	0.000