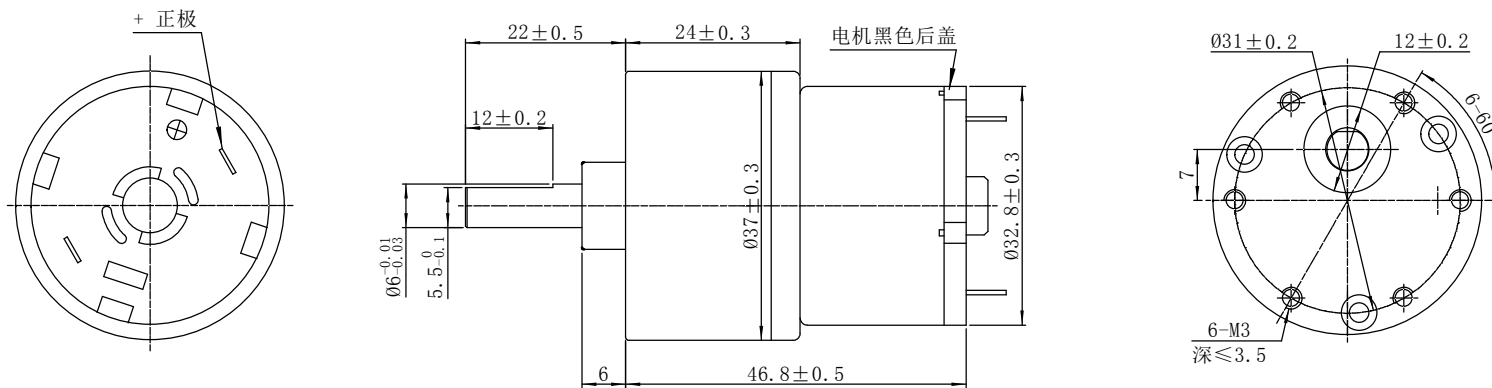


A	B	C	D	E	F	G	H
客户代码 Customer Code		样品单号 Sample Code	SS20220421003	电机型号 Model	MG3733231290060	内部料号 Internal Code Of Part	

1	减速比 K Gear Ratio	1:61
	额定电压 V Rated Voltage	12
G E A	空载转速 RPM Free-load Speed	90±12%
	空载电流 mA Free-load Current	60 Max
2 R E D	额定转速 RPM Rated Speed	73±12%
	额定电流 mA Rated Current	280 Max
M	额定扭矩 Kgf.cm Rated Torque	1.5
	堵转电流 mA Stall Current	580 REF
3 O T O R	瞬间允许扭矩 Kgf.cm Max Momentary Tolerance Torque	4.5 Max
	是否可堵转 Stall allowed or not	N0
4	旋向 CW/CCW Direction	CW
	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 ≤ 0.5 mm
回转间隙 $\leq 2^\circ$;
2. 减速电机使用正常环境: -10°C ~ $+50^\circ\text{C}$;
3. 减速电机的安装方式是用如图所示的6-M3及直径 $\phi 12$ 的台阶定位安装,同时安装螺钉使用扭矩 ≤ 5.5 Kg.cm;
4. 减速电机在使用过程轴向压力 ≤ 7 N
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 $\leq 350^\circ\text{C}$,焊接时间 ≤ 4 秒。

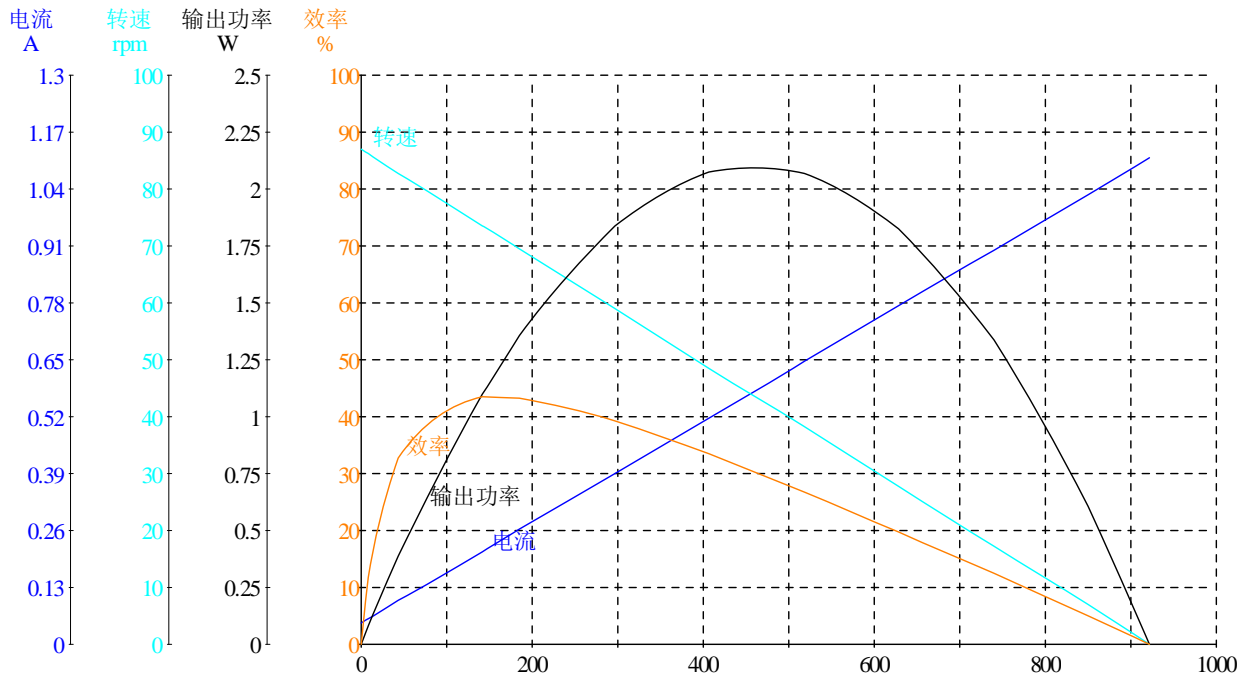
REV.	ECN#	DETAILS	DATE
A	XXXX	1ST ISSUE	20220423

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: $\pm 30'$
	DRAWN BY		MATERIAL	SIZE	
CHECKED BY		FINISH		MG3733231290060	
APPROVAL BY		SHEET OF		REV	A/0
		DWG. NO.		SS20220421003	

MG373323129060

电机测试报告

客户名称(Customer): 额定电压(Voltage): 12
档案名称(FileName): SS20220421003.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	0.047	0.563	0.0	86.9	0.000	0.0	0.000
最高效率点(Eff_max)	12.03	0.212	2.556	144.0	73.4	1.106	43.3	17.11
最大输出功率点(Pout_max)	12.03	0.559	6.719	444.8	45.0	2.098	31.2	19.13
最大转矩点(Torque_max)	12.03	1.109	13.34	923.0	0.0	0.000	0.0	0.000
结束点(End)	12.03	1.109	13.34	923.0	0.0	0.000	0.0	0.000

MG373323129060

电机测试报告

客户名称(Customer): 额定电压(Voltage): 12
 档案名称(FileName): SS20220421003.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	0.563	0.0	86.9	0.000	0.0	0.000
2	12.03	0.053	0.636	5.3	86.4	0.048	7.5	0.000
3	12.03	0.053	0.637	5.4	86.4	0.049	7.7	3.027
4	12.03	0.057	0.686	8.9	86.1	0.080	11.7	5.039
5	12.03	0.065	0.778	15.6	85.5	0.140	17.9	7.052
6	12.03	0.076	0.917	25.6	84.5	0.227	24.7	9.064
7	12.03	0.098	1.180	44.6	82.7	0.386	32.7	11.08
8	12.03	0.130	1.562	72.2	80.1	0.606	38.8	13.09
9	12.03	0.169	2.028	105.9	77.0	0.853	42.1	15.10
10	12.03	0.211	2.539	142.8	73.5	1.099	43.3	17.11
11	12.03	0.212	2.556	144.0	73.4	1.106	43.3	17.11
12	12.03	0.255	3.067	180.9	69.9	1.324	43.2	19.13
13	12.03	0.261	3.140	186.2	69.4	1.353	43.1	19.13
14	12.03	0.304	3.651	223.1	65.9	1.540	42.2	19.13
15	12.03	0.346	4.162	260.1	62.4	1.700	40.8	19.13
16	12.03	0.389	4.674	297.0	59.0	1.834	39.2	19.13
17	12.03	0.431	5.185	334.0	55.5	1.940	37.4	19.13
18	12.03	0.474	5.696	370.9	52.0	2.019	35.5	19.13
19	12.03	0.516	6.208	407.8	48.5	2.072	33.4	19.13
20	12.03	0.559	6.719	444.8	45.0	2.098	31.2	19.13
21	12.03	0.601	7.230	481.7	41.6	2.096	29.0	19.13
22	12.03	0.644	7.741	518.6	38.1	2.068	26.7	19.13
23	12.03	0.686	8.253	555.6	34.6	2.013	24.4	19.13
24	12.03	0.729	8.764	592.5	31.1	1.931	22.0	19.13
25	12.03	0.771	9.275	629.5	27.6	1.822	19.6	19.13
26	12.03	0.814	9.787	666.4	24.2	1.686	17.2	19.13
27	12.03	0.856	10.30	703.3	20.7	1.524	14.8	19.13
28	12.03	0.899	10.81	740.3	17.2	1.334	12.3	19.13
29	12.03	0.941	11.32	777.2	13.7	1.117	9.9	19.13
30	12.03	0.984	11.83	814.2	10.3	0.874	7.4	19.13
31	12.03	1.026	12.34	851.1	6.8	0.604	4.9	19.13
32	12.03	1.069	12.85	888.0	3.3	0.306	2.4	19.13
33	12.03	1.109	13.34	923.0	0.0	0.000	0.0	0.000