

- 性能参数:
- 1.额定电压: 3 V /DC;
 - 2.操作电压: 1.8-5.5V
 - 3.相 数: 3相
 - 4.槽极数: 9N12P
 - 5.减速比: 85: 1
 - 6.空载电流: 0.085A
 - 7.空载转速: 70RPM/min
 - 8.连续输出力矩: 400g 65RPM/min 0.26A
 - 9.绝缘电阻: $\geq 50M\Omega$ (500V);
 - 10.绝缘介电强度: 600VAC/1mA/1s;
 - 11.绝缘等级: B;
 - 12.温 升: $\leq 60K$;
 - 13.噪 声: $\leq 40dB$ (A)
 - 14.端子引角规格: 5P-1.5-3;
 - 15.输出轴垂直度: $90 \pm 1^\circ$;
 - 16.轴向间隙: 0.05~0.5mm;
 - 17.未注公差按GB/T1804-m级.

M1813-12N 智能电机驱动控制器

FR-4 T=1.0mm


VER:1.0

操作电压: 4.8-16V

工作电流: 1.5A MAX

驱动类型: 无霍尔驱动

自带堵转保护, 支持正反转, PWM控制, 转速侦测

制图Drawn.	审核Check.	批准Appro.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN mm (INCHES) TOLERANCES ARE: LINEAR ANGLES ± ± RADII UNLESS NOTED: ± Ref.	Angle 3rd	SHEET	机种型号	M2020SI-3L-J85
					1/1	Draw No.	
深圳市一诺微特电机有限公司				材质 Material.	SCALE	零件编号	
					1/1	Parts No.	
				加工.处理Finish.	SIZE	零件名	马达外观图
					A4	Title	

MOTOR PERFORMANCE CURVES AND CHARACTERISTICS:

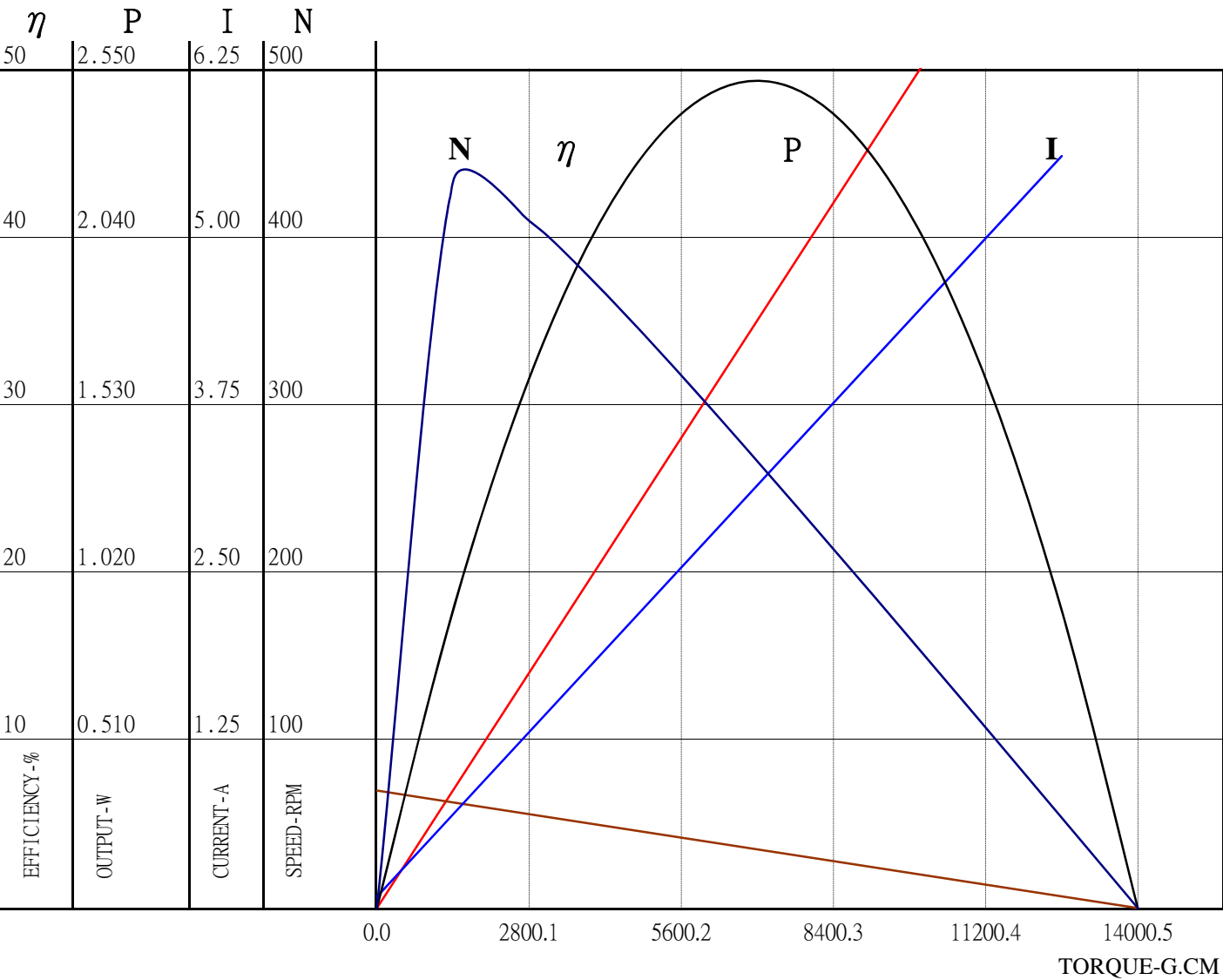
MODEL: M2020SI-3L-J85

VOLTAGE: 3.0 V

DWG NO: 0

DATE: 2017-7-28

S.O.: 0



PERFORMANECE

AT NO LOAD

SPEED = 70 RPM
CURRENT = 0.085 AMP

AT STALL EXTRAPOLATION

TORQUE = 14000.0 G.CM
CURRENT = 6.210 AMP

AT MAXIMUM EFFICIENCY

EFFICIENCY = 43.23 %
SPEED = 63 RPM
TORQUE = 1400.0 G.CM
CURRENT = 0.698 AMP
OUTPUT = 0.905 WATTS

AT MAXIMUM OUTPUT

EFFICIENCY = 26.61 %
SPEED = 35 RPM
TORQUE = 7000.0 G.CM
CURRENT = 3.148 AMP
OUTPUT = 2.513 WATTS

THE CURVES REPESENT THE THEORETICAL PERFORMANCE
OF THE SAMPLE ONLY.

PREPARED BY: _____

REVIEWED BY: _____

APPROVED BY: _____