

L1213N5M | 贵金属电刷 Precious Metal Commutation

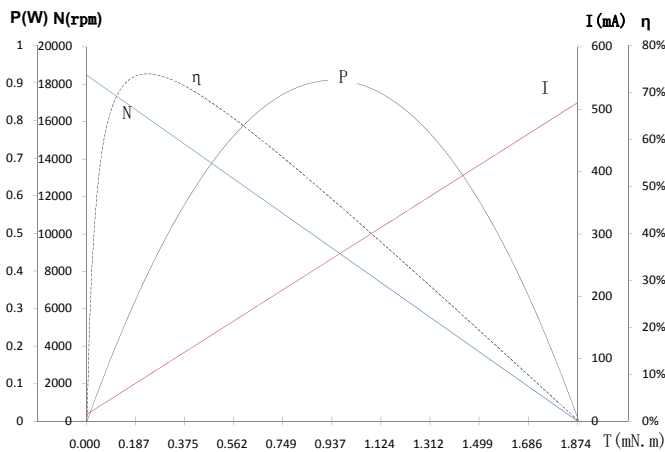
应用领域：微型无人机、智能电玩、小家电产品等领域。

Applications: mini UAV's, remote control hobby products, small household appliances, etc.

主要技术指标 | Characteristics

			01-185-7.4	02-300-6.0	
1	电压	Voltage	V	7.4	6.0
2	端电阻	Terminal resistance	Ω	14.5	4.0
3	空载转速	No-load speed	rpm	18500	30000
4	空载电流	No-load current	mA	10	25
5	堵转转矩	Stall torque	mNm	1.9	2.8
6	堵转电流	Stall current	mA	510	1500
7	负载转矩	Load torque	mNm	0.5	0.5
8	负载转速	Load speed	rpm	13560	24590
9	负载电流	Load current	mA	140	290
10	最大输出功率	Max. output power	W	0.9	2.2
11	最大效率	Max. efficiency	%	74	76
12	反电势常数	Back-EMF constant	mV/rpm	0.4	0.2
13	转矩常数	Torque constant	mNm/A	3.7	1.9
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	9880	10830
15	转子惯量	Rotor inertia	gcm ²	0.1	0.1
16	重量	Weight	g	6.5	6.5
17	工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+85	-20~+86

特性曲线 | Characteristics Curve

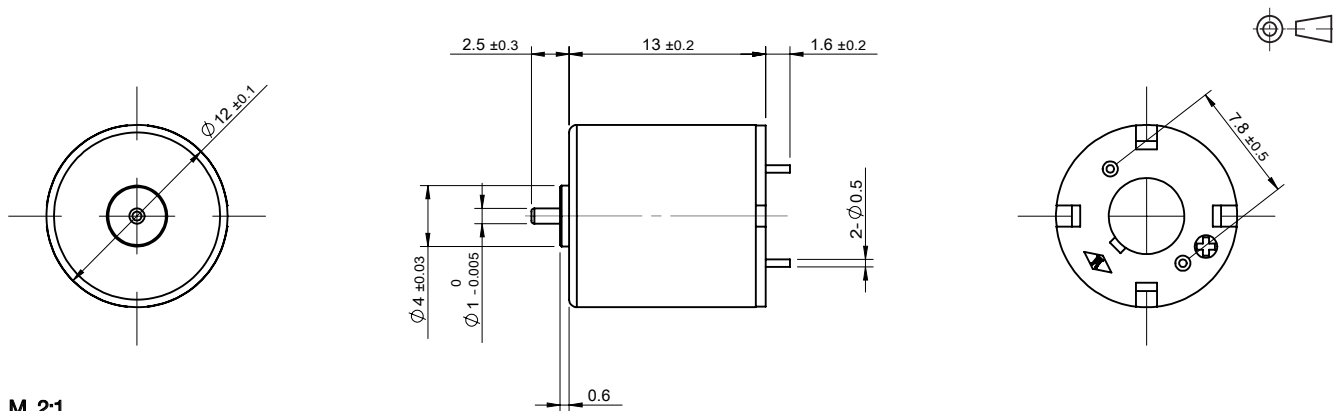


型号 / Model L1213N5M01-185-7.4

可选参数 | Options

导线长度 Lead wires length
轴长 Shaft length
性能 Special coils
齿轮箱 Gearheads

外观图 | Outline Drawing



M 2:1

规格如有变更，恕不另行通知
Specification subject to change without notice