

## L1213N5M | 贵金属电刷 Precious Metal Commutation

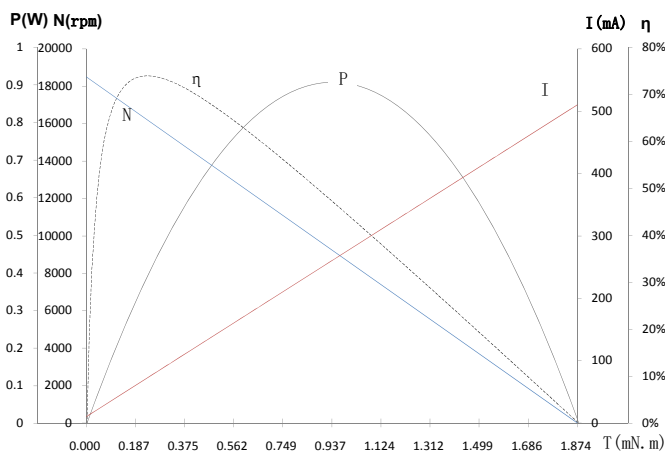
应用领域：微型无人机、智能电玩、小家电产品等领域。

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	05-400-7.4
1	电压	Voltage	V	7.4	7.4
2	端电阻	Terminal resistance	$\Omega$	14.5	3.2
3	空载转速	No-load speed	rpm	18500	40500
4	空载电流	No-load current	mA	10	120
5	堵转转矩	Stall torque	mNm	1.9	3.7
6	堵转电流	Stall current	mA	510	2350
7	负载转矩	Load torque	mNm	0.5	0.5
8	负载转速	Load speed	rpm	13560	35020
9	负载电流	Load current	mA	140	420
10	最大输出功率	Max. output power	W	0.9	3.9
11	最大效率	Max. efficiency	%	74	60
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 <sup>2</sup>	0.1	0.1
16	重量	Weight	g	6.5	5.6
17	工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+85	-20~+85

### 特性曲线 | Characteristics Curve

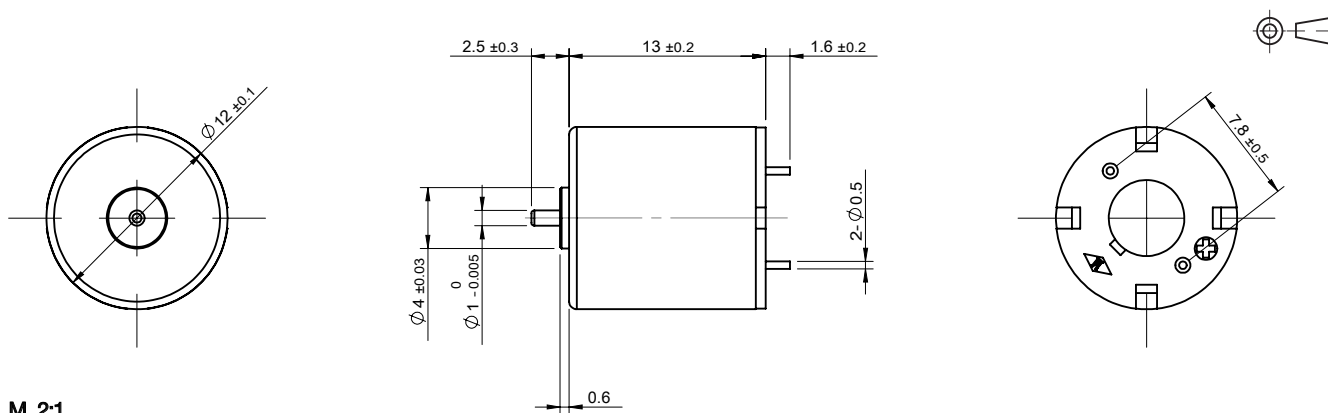


型号 / Model L1213N5M01-185-7.4

### 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