

L1013N5M | 贵金属电刷 Precious Metal Commutation

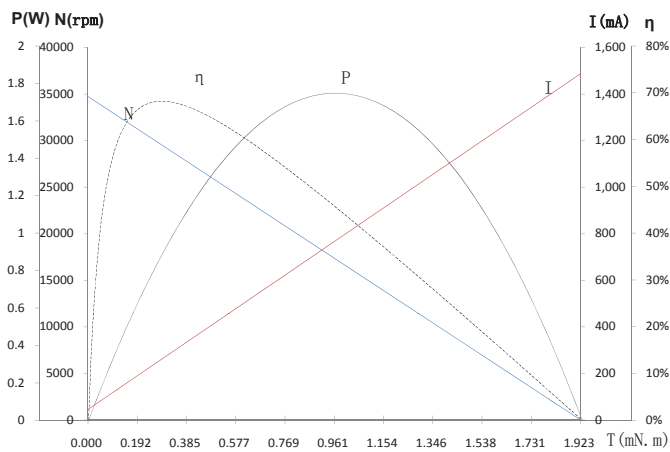
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

主要技术指标 | Characteristics

			06-347-5.0	07-295-5.5	11-100-3.0
1	电压	Voltage	V	5.0	3.0
2	端电阻	Terminal resistance	Ω	3.4	15.5
3	空载转速	No-load speed	rpm	34750	10000
4	空载电流	No-load current	mA	45	10
5	堵转转矩	Stall torque	mNm	1.9	0.5
6	堵转电流	Stall current	mA	1488	194
7	负载转矩	Load torque	mNm	0.3	0.3
8	负载转速	Load speed	rpm	29330	4000
9	负载电流	Load current	mA	270	120
10	最大输出功率	Max. output power	W	1.8	0.1
11	最大效率	Max. efficiency	%	68	60
12	反电势常数	Back-EMF constant	mV/rpm	0.1	0.3
13	转矩常数	Torque constant	mNm/A	1.3	2.7
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	18070	20000
15	转子惯量	Rotor inertia	gcm ²	0.06	0.06
16	重量	Weight	g	4.1	4.1
17	工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+65	-20~+65

特性曲线 | Characteristics Curve

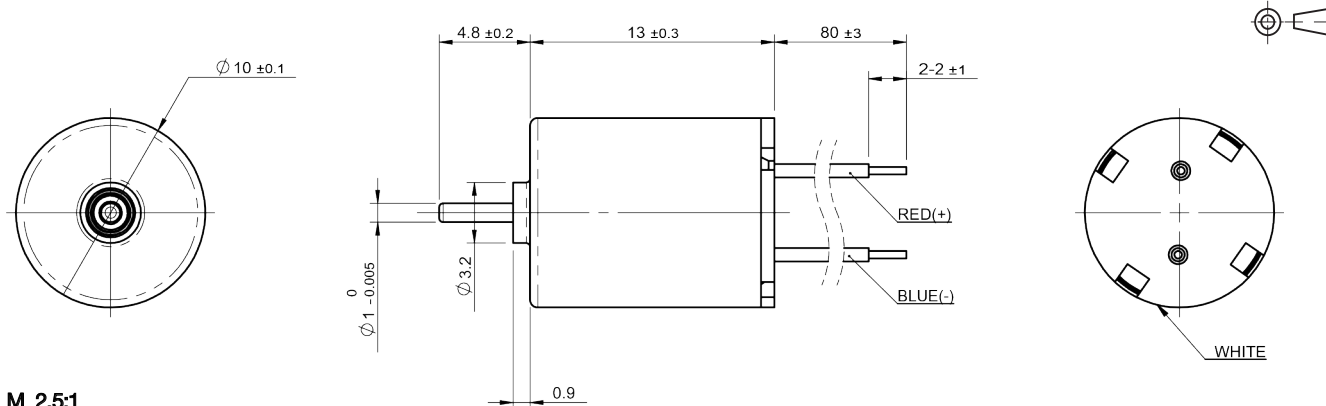


型号 / Model L1013N5M06-347-5.0

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 2.5:1

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