

L1212N5M | 贵金属电刷 Precious Metal Commutation

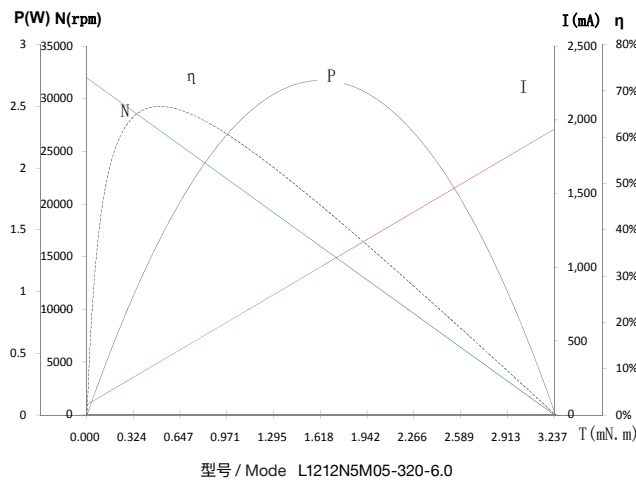
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

主要技术指标 | Characteristics

			05-320-6.0	01-335-6.0	04-375-6.0
1 电压	Voltage	V	6.0	6.0	6.0
2 端电阻	Terminal resistance	Ω	3.1	3.9	5.1
3 空载转速	No-load speed	rpm	32000	33500	37500
4 空载电流	No-load current	mA	65	65	65
5 堵转转矩	Stall torque	mNm	3.2	2.4	1.6
6 堵转电流	Stall current	mA	1940	1540	1180
7 负载转矩	Load torque	mNm	0.5	0.5	0.5
8 负载转速	Load speed	rpm	27070	26570	25850
9 负载电流	Load current	mA	350	370	410
10 最大输出功率	Max. output power	W	2.7	2.1	1.6
11 最大效率	Max. efficiency	%	67	63	59
12 反电势常数	Back-EMF constant	mV/rpm	0.2	0.2	0.2
13 转矩常数	Torque constant	mNm/A	1.7	1.6	1.4
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	9860	13870	23300
15 转子惯量	Rotor inertia	gcm ²	0.1	0.1	0.1
16 重量	Weight	g	5.5	5.5	5.5
17 工作温度范围	Operating temperature range	°C	-20~+85	-20~+85	-20~+86

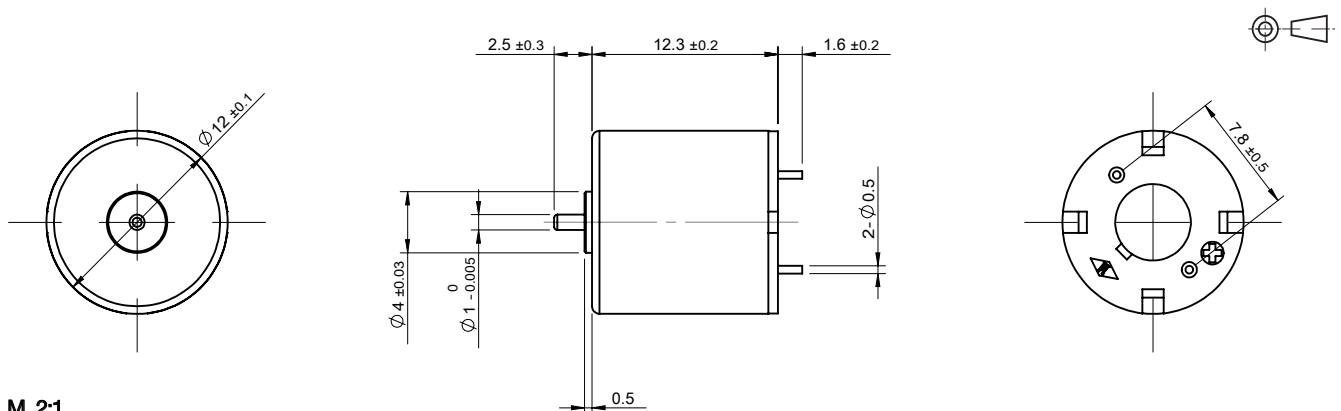
特性曲线 | Characteristics Curve



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



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

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