

L1215N5M | 贵金属电刷 Precious Metal Commutation

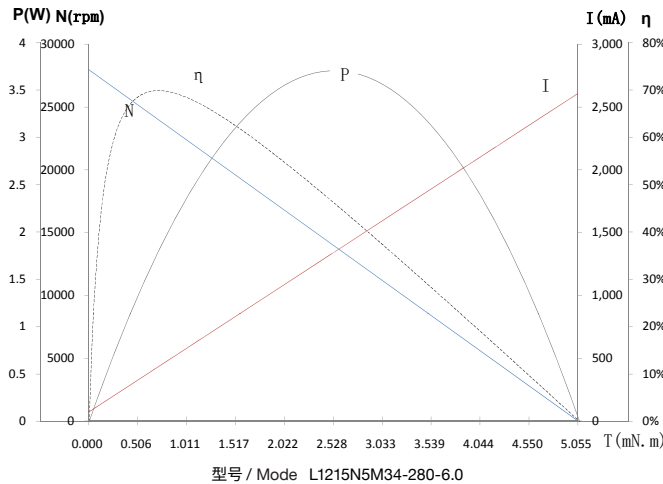
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

主要技术指标 | Characteristics

			43-230-6.0	48-330-8.0	34-280-6.0
1 电压	Voltage	V	6.0	8.0	6.0
2 端电阻	Terminal resistance	Ω	3.4	3.3	2.3
3 空载转速	No-load speed	rpm	23000	33000	28000
4 空载电流	No-load current	mA	50	80	70
5 堵转转矩	Stall torque	mNm	4.1	5.2	5.1
6 堵转电流	Stall current	mA	1760	2420	2610
7 负载转矩	Load torque	mNm	1	1	0.5
8 负载转速	Load speed	rpm	20220	29850	25230
9 负载电流	Load current	mA	260	300	320
10 最大输出功率	Max. output power	W	2	5	3.7
11 最大效率	Max. efficiency	%	69.2	67	70
12 反电势常数	Back-EMF constant	mV/rpm	0.3	0.2	0.2
13 转矩常数	Torque constant	mNm/A	2.4	2.2	2.0
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	5560	6300	5540
15 转子惯量	Rotor inertia	gcm ²	0.1	0.1	0.1
16 重量	Weight	g	7	7	6.5
17 工作温度范围	Operating temperature range	°C	-20~+85	-20~+85	-20~+85

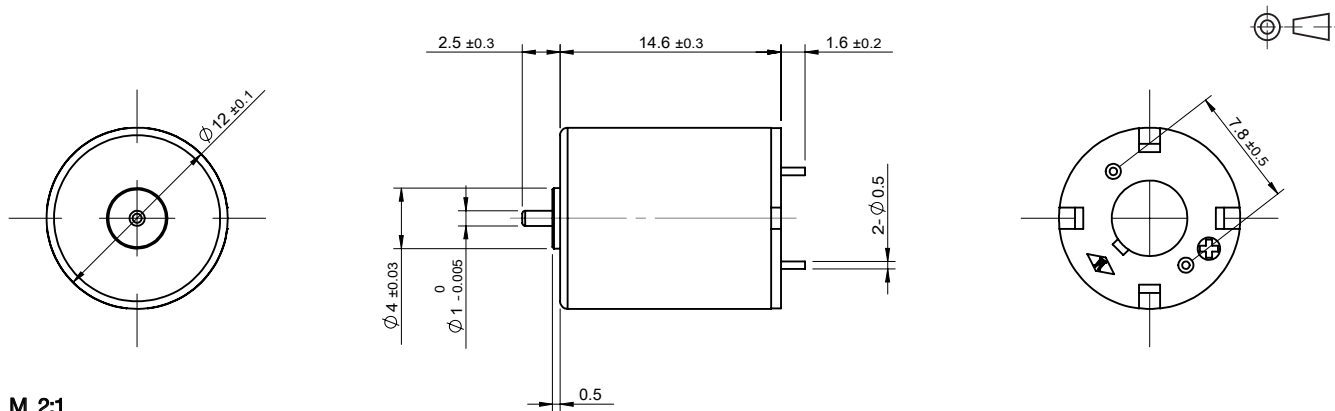
特性曲线 | Characteristics Curve



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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