

L1215N5M $\varnothing 12\text{mm} \times 14.6\text{mm}$, 贵金属电刷 Precious Metal Brushes

应用领域: 微型无人机、智能电玩、小家电产品等领域。

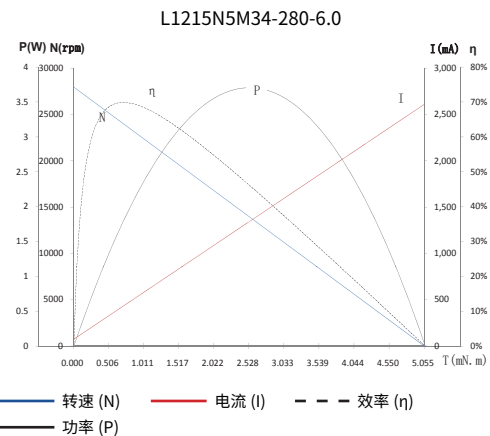
Applications: mini UAV's, remote control hobby products, small household appliances, etc.

43-230-6.0 48-330-8.0 34-280-6.0

电机参数 / Motor Data

电机参数 / Motor Data		V	6.0	8.0	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
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	$^{\circ}\text{C}$	-20~+85		

特性曲线 / Characteristics Curve



仅供参考, 详细了解请以产品规格书为准。
For reference only, please refer to the product specification.

可选配置 / Options

齿轮箱: 行星齿轮

Gearbox: planetary gearbox

齿轮组主要技术指标详见第 158 页

the main technical indicators of the gear group are detailed on page 158

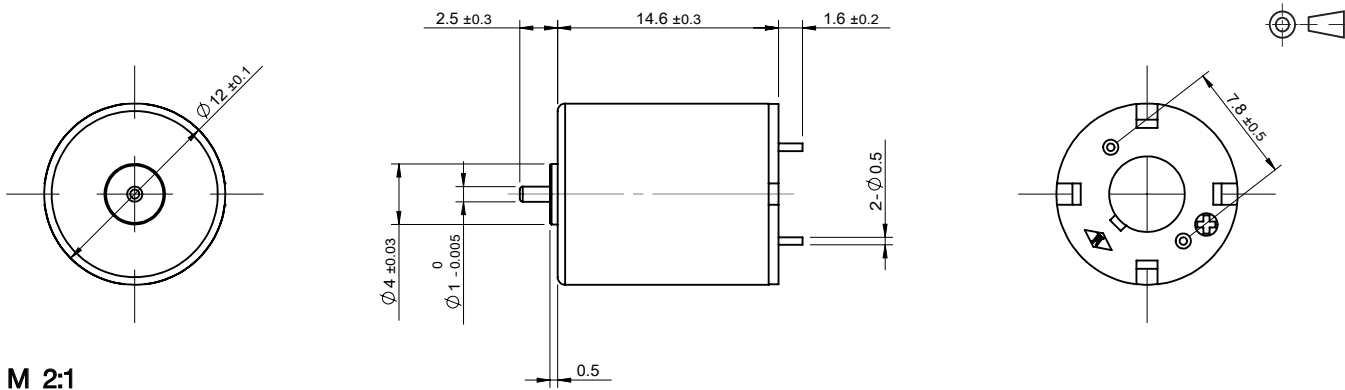
性能 Special coils: 连续运行范围内可定制 customizable in continuous operation range

法兰 Flange: 标准前后法兰 standard front and rear flanges / 定制法兰 custom flanges

轴 Shaft: 长度 length / 异形 shape

电气连接 Electrical connection: 端子或导线 connector or wire / 导线长度 lead wires length

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.

www.constarmotor.com

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PRECISION DC CORELESS MOTOR

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