

L1212N5M $\varnothing 12\text{mm} \times 12.3\text{mm}$, 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。

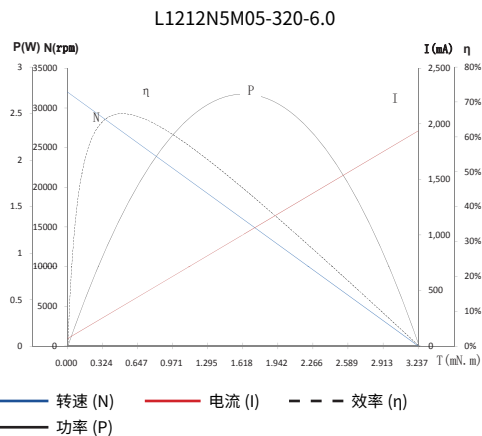
Applications: mini UAV's, remote control hobby products, small household appliances, etc.

05-320-6.0 01-335-6.0 04-375-6.0

电机参数 / Motor Data

电机参数 / Motor Data			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	$^{\circ}\text{C}$	-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

