

L0614N5M $\varnothing 6\text{mm} \times 13.9\text{mm}$, 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。

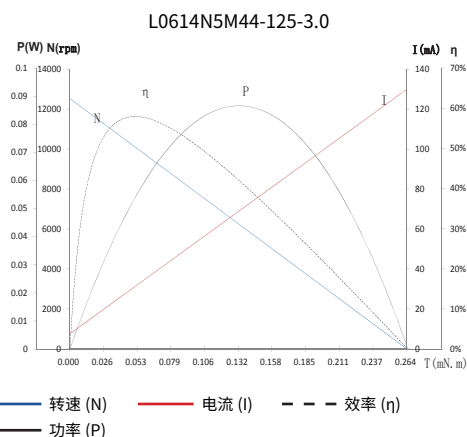
Applications: mini UAV's, remote control hobby products, small household appliances, etc.

44-125-3.0 28-420-3.4 67-500-3.2

电机参数 / Motor Data

电机参数 / Motor Data	电压	V	3.0	3.4	3.2
1 电压	Voltage	V	3.0	3.4	3.2
2 端电阻	Terminal resistance	Ω	23.1	2.6	1.7
3 空载转速	No-load speed	rpm	12540	42000	50000
4 空载电流	No-load current	mA	7.4	60	80
5 堵转转矩	Stall torque	mNm	0.26	0.9	1.1
6 堵转电流	Stall current	mA	130	1308	1882
7 负载转矩	Load torque	mNm	0.05	0.1	0.1
8 负载转速	Load speed	rpm	10170	37430	45260
9 负载电流	Load current	mA	30	200	250
10 最大输出功率	Max. output power	W	0.09	1	1.4
11 最大效率	Max. efficiency	%	58.1	61.8	63.1
12 反电势常数	Back-EMF constant	mV/rpm	0.23	0.08	0.06
13 转矩常数	Torque constant	mNm/A	2.15	0.74	0.59
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	47500	45652	47393
15 转子惯量	Rotor inertia	gcm ²	0.016	0.016	0.016
16 重量	Weight	g	1.7	1.7	1.7
17 工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+65		

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

