

L0612N3M $\varnothing 6\text{mm} \times 12.2\text{mm}$, 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。

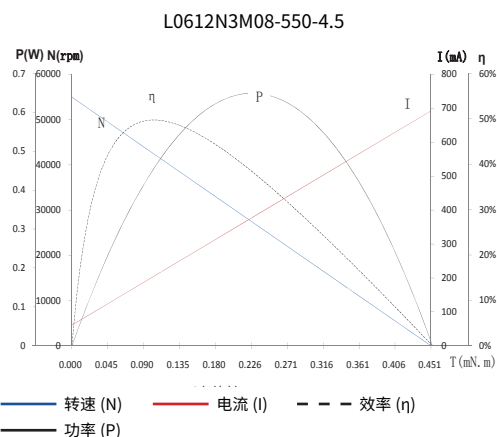
Applications: mini UAV's, remote control hobby products, small household appliances, etc.

08-550-4.5 90-160-3.0 63-250-4.5

电机参数 / Motor Data

电机参数 / Motor Data			4.5	3.0	4.5
1 电压	Voltage	V	4.5	3.0	4.5
2 端电阻	Terminal resistance	Ω	6.5	39	23.3
3 空载转速	No-load speed	rpm	55000	16030	25000
4 空载电流	No-load current	mA	60	8	20
5 堵转转矩	Stall torque	mNm	0.45	0.11	0.27
6 堵转电流	Stall current	mA	692	77	193
7 负载转矩	Load torque	mNm	0.05	0.05	0.05
8 负载转速	Load speed	rpm	48900	8740	20320
9 负载电流	Load current	mA	130	40	50
10 最大输出功率	Max. output power	W	0.7	0.05	0.17
11 最大效率	Max. efficiency	%	49.8	45.8	46.1
12 反电势常数	Back-EMF constant	mV/rpm	0.07	0.17	0.16
13 转矩常数	Torque constant	mNm/A	0.71	1.60	1.54
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	121951	145727	93633
15 转子惯量	Rotor inertia	gcm^2	0.014	0.014	0.014
16 重量	Weight	g	1.3	1.3	1.3
17 工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+80		

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

