

L0610N5M $\varnothing 6\text{mm} \times 10.4\text{mm}$, 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。

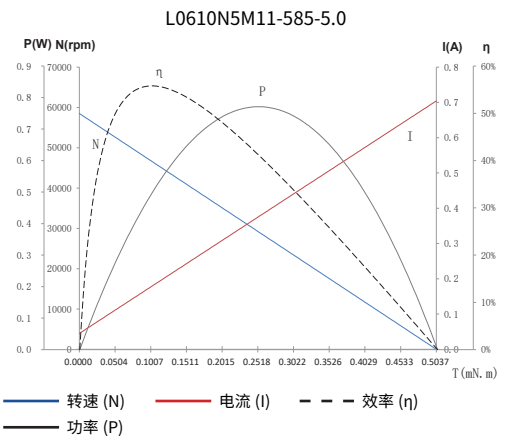
Applications: mini UAV's, remote control hobby products, small household appliances, etc.

11-585-5.0 22-665-3.4 05-550-3.2

电机参数 / Motor Data

1	电压	Voltage	V	5.0	3.4	3.2
2	端电阻	Terminal resistance	Ω	7.1	2.7	3.8
3	空载转速	No-load speed	rpm	58500	66500	55000
4	空载电流	No-load current	mA	45	100	85
5	堵转转矩	Stall torque	mNm	0.5	0.52	0.38
6	堵转电流	Stall current	mA	704	1259	842
7	负载转矩	Load torque	mNm	0.05	0.05	0.05
8	负载转速	Load speed	rpm	52700	60120	47720
9	负载电流	Load current	mA	110	210	190
10	最大输出功率	Max. output power	W	0.77	0.9	0.55
11	最大效率	Max. efficiency	%	55.9	51.6	46.6
12	反电势常数	Back-EMF constant	mV/rpm	0.08	0.05	0.05
13	转矩常数	Torque constant	mNm/A	0.76	0.45	0.5
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	116071	127639	145503
15	转子惯量	Rotor inertia	gcm^2	0.01	0.01	0.01
16	重量	Weight	g	1.2	1.2	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

齿轮组主要技术指标详见第 158 页

Gearbox: planetary gearbox

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

