

# L0408N3M $\varnothing$ 4.08mm\*8.2mm, 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.

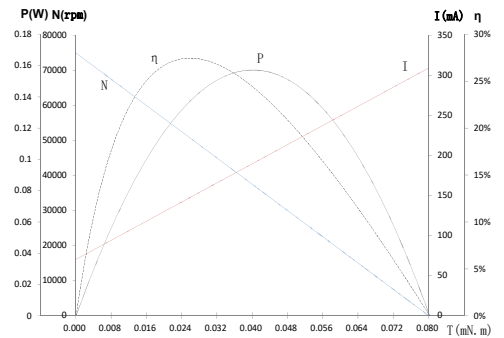
08-750-3.4 32-580-3.4 12-785-5.0

## 电机参数 / Motor Data

1	电压	Voltage	V	3.4	3.4	5.0
2	端电阻	Terminal resistance	$\Omega$	11	22	25
3	空载转速	No-load speed	rpm	75000	58000	78500
4	空载电流	No-load current	mA	70	40	50
5	堵转转矩	Stall torque	mNm	0.08	0.05	0.07
6	堵转电流	Stall current	mA	309	155	200
7	负载转矩	Load torque	mNm	0.03	0.03	0.03
8	负载转速	Load speed	rpm	46880	21750	43870
9	负载电流	Load current	mA	160	110	120
10	最大输出功率	Max. output power	W	0.16	0.07	0.14
11	最大效率	Max. efficiency	%	27.5	24.4	24.9
12	反电势常数	Back-EMF constant	mV/rpm	0.04	0.04	0.05
13	转矩常数	Torque constant	mNm/A	0.33	0.41	0.46
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	937500	1208333	1154412
15	转子惯量	Rotor inertia	gcm <sup>2</sup>	0.003	0.003	0.003
16	重量	Weight	g	0.5	0.5	0.5
17	工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+65		

## 特性曲线 / Characteristics Curve

L0408N3M08-750-3.4



— 转速 (N) — 电流 (I) - - - 效率 (η)  
— 功率 (P)

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

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

