

L0820N5M \varnothing 8mm*20mm, 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.

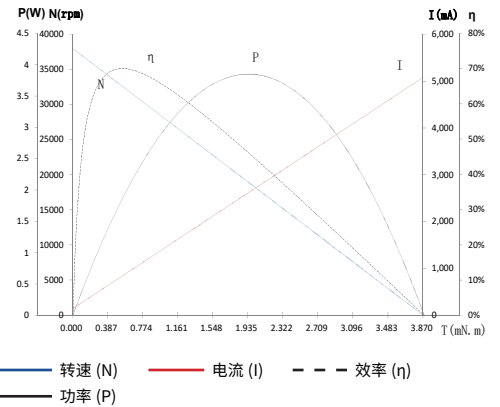
10-380-3.2 16-420-3.0 37-460-3.4

电机参数 / Motor Data

1	电压	Voltage	V	3.2	3.0	3.4
2	端电阻	Terminal resistance	Ω	0.63	0.4	0.39
3	空载转速	No-load speed	rpm	38000	42000	46000
4	空载电流	No-load current	mA	135	160	200
5	堵转转矩	Stall torque	mNm	3.9	4.9	5.9
6	堵转电流	Stall current	mA	5080	7500	8720
7	负载转矩	Load torque	mNm	0.5	0.5	0.5
8	负载转速	Load speed	rpm	33090	37710	42080
9	负载电流	Load current	mA	770	910	930
10	最大输出功率	Max. output power	W	3.85	5.39	7.08
11	最大效率	Max. efficiency	%	70.1	73	72.1
12	反电势常数	Back-EMF constant	mV/rpm	0.08	0.07	0.07
13	转矩常数	Torque constant	mNm/A	0.78	0.67	0.69
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	9819	8571	7831
15	转子惯量	Rotor inertia	gcm^2	0.07	0.07	0.07
16	重量	Weight	g	4.2	4.2	4.2
17	工作温度范围	Operating temperature range	$^{\circ}\text{C}$	-20~+120		

特性曲线 / Characteristics Curve

L0820N5M10-380-3.2



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

