

L0816N5M \varnothing 8mm*16mm, 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。

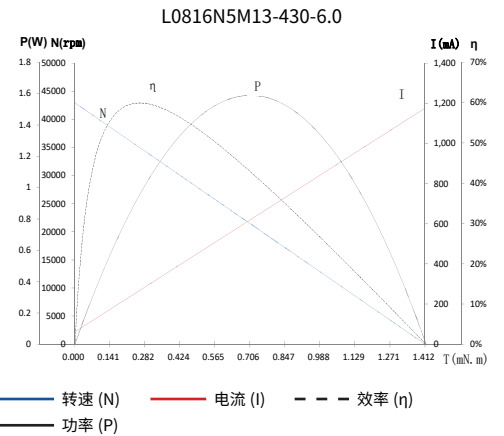
Applications: mini UAV's, remote control hobby products, small household appliances, etc.

13-430-6.0 06-243-3.4 35-262-5.5

电机参数 / Motor Data

1	电压	Voltage	V	6.0	3.4	5.5
2	端电阻	Terminal resistance	Ω	5.1	2.7	4.95
3	空载转速	No-load speed	rpm	43000	24300	26200
4	空载电流	No-load current	mA	60	40	60
5	堵转转矩	Stall torque	mNm	1.4	1.6	1.99
6	堵转电流	Stall current	mA	1180	1260	1100
7	负载转矩	Load torque	mNm	0.5	0.5	0.5
8	负载转速	Load speed	rpm	27770	16600	19620
9	负载电流	Load current	mA	460	430	320
10	最大输出功率	Max. output power	W	1.59	1	1.37
11	最大效率	Max. efficiency	%	59.9	67.6	59.4
12	反电势常数	Back-EMF constant	mV/rpm	0.13	0.14	0.2
13	转矩常数	Torque constant	mNm/A	1.26	1.29	1.9
14	转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	30453	15409	13166
15	转子惯量	Rotor inertia	gcm ²	0.07	0.07	0.07
16	重量	Weight	g	3.1	3.1	3.4
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

