

L0716N5M | 贵金属电刷 Precious Metal Commutation

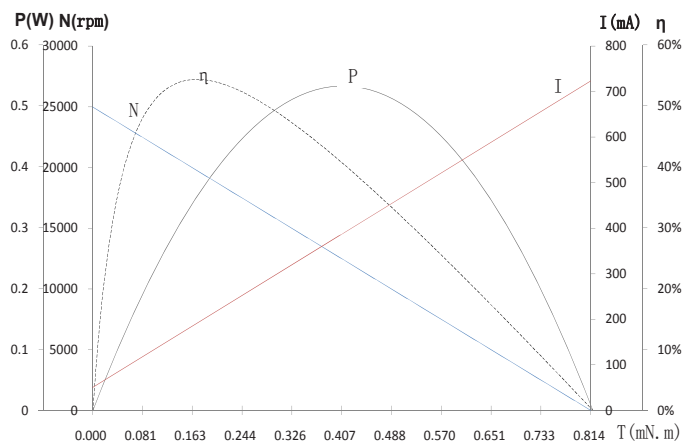
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

主要技术指标 | Characteristics

			64-250-3.4	31-430-3.4	94-430-3.2
1 电压	Voltage	V	3.4	3.4	3.2
2 端电阻	Terminal resistance	Ω	4.7	0.66	1.1
3 空载转速	No-load speed	rpm	25000	43000	43000
4 空载电流	No-load current	mA	50	90	90
5 堵转转矩	Stall torque	mNm	0.81	3.8	1.9
6 堵转电流	Stall current	mA	720	5150	2910
7 负载转矩	Load torque	mNm	0.50	0.50	0.50
8 负载转速	Load speed	rpm	9640	37270	31920
9 负载电流	Load current	mA	460	760	820
10 最大输出功率	Max. output power	W	0.53	4.2	2.2
11 最大效率	Max. efficiency	%	54.6	75.4	68.0
12 反电势常数	Back-EMF constant	mV/rpm	0.13	0.08	0.07
13 转矩常数	Torque constant	mNm/A	1.21	0.74	0.69
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	30713	11451	22154
15 转子惯量	Rotor inertia	gcm ²	0.05	0.05	0.05
16 重量	Weight	g	2.5	2.5	2.5
17 工作温度范围	Operating temperature range	°C	-20~+100	-20~+120	-20~+100

特性曲线 | Characteristics Curve

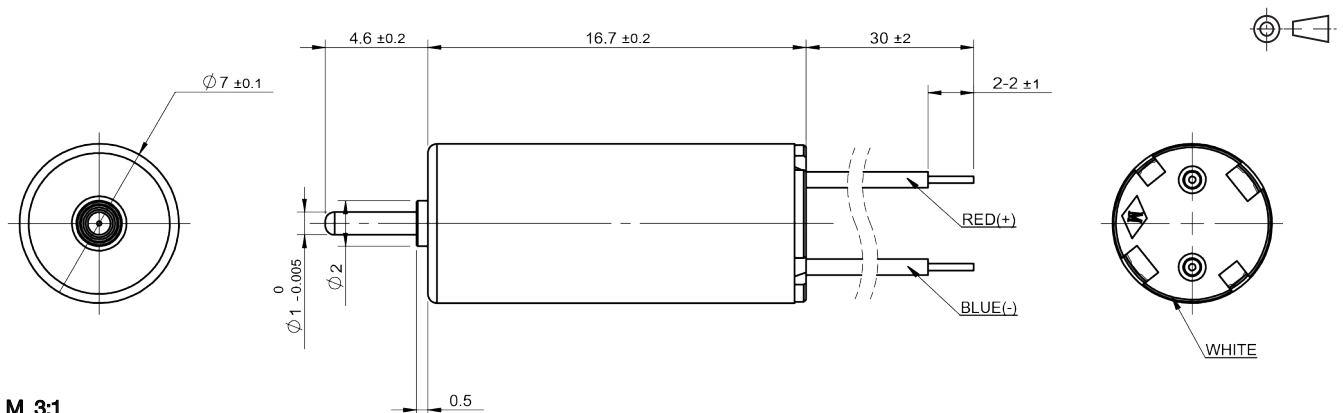


型号 / Model L0716N5M64-250-3.4

可选参数 | Options

导线长度 Lead wires length
轴长 Shaft length
性能 Special coils
齿轮箱 Gearheads

外观图 | Outline Drawing



规格如有变更，恕不另行通知
Specification subject to change without notice