

L0714N5M | 贵金属电刷 Precious Metal Commutation

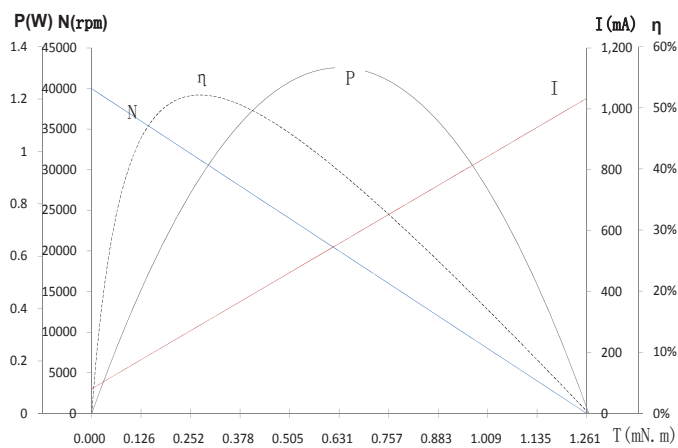
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

主要技术指标 | Characteristics

			15-400-6.0	18-304-7.4	50-270-5.0
1 电压	Voltage	V	6.0	7.4	5.0
2 端电阻	Terminal resistance	Ω	5.8	12.1	5.7
3 空载转速	No-load speed	rpm	40000	30450	27000
4 空载电流	No-load current	mA	80	30	30
5 堵转转矩	Stall torque	mNm	1.3	1.3	1.4
6 堵转电流	Stall current	mA	1030	610	880
7 负载转矩	Load torque	mNm	0.50	0.50	0.50
8 负载转速	Load speed	rpm	24140	18580	17670
9 负载电流	Load current	mA	460	260	320
10 最大输出功率	Max. output power	W	1.3	1.0	1.0
11 最大效率	Max. efficiency	%	52.3	60.8	66.3
12 反电势常数	Back-EMF constant	mV/rpm	0.14	0.23	0.18
13 转矩常数	Torque constant	mNm/A	1.32	2.21	1.71
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	31721	23733	18659
15 转子惯量	Rotor inertia	gcm ²	0.04	0.04	0.04
16 重量	Weight	g	2.2	2.2	2.2
17 工作温度范围	Operating temperature range	°C	-20~+100	-20~+100	-20~+100

特性曲线 | Characteristics Curve

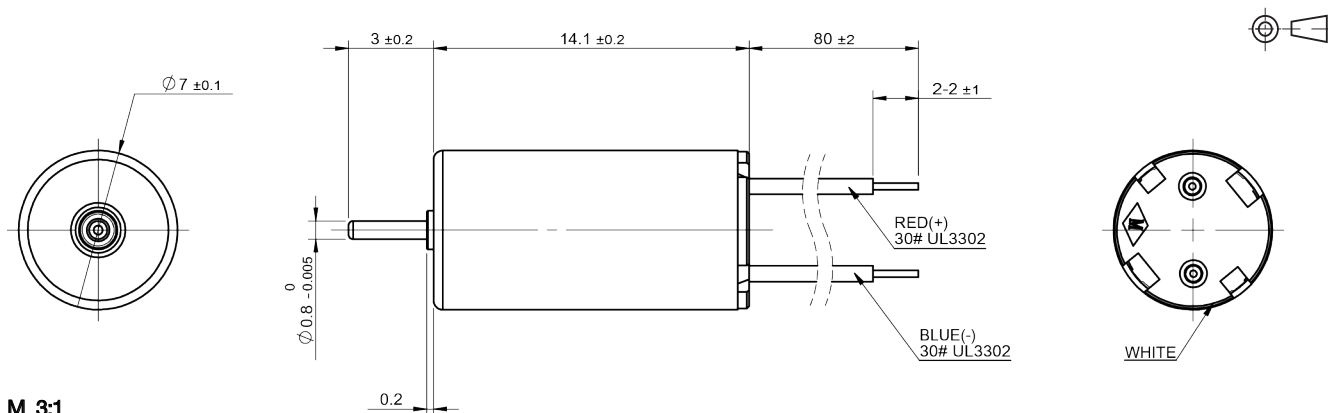


型号 / Mode L0714N5M15-400-6.0

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



M 3:1

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

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