

L8.523N5M | 贵金属电刷 Precious Metal Commutation

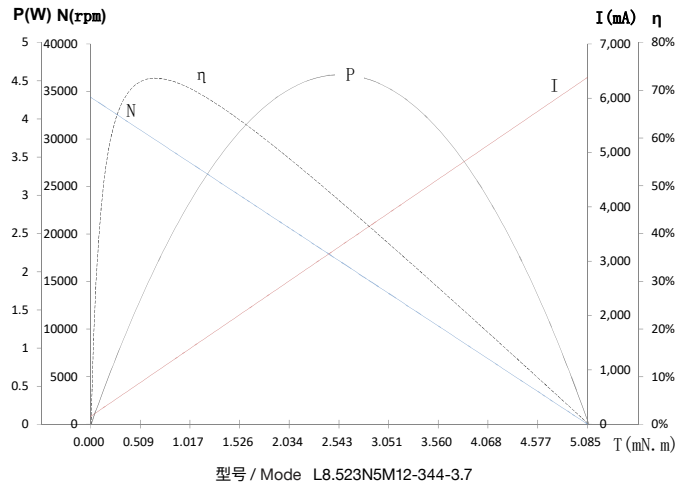
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

主要技术指标 | Characteristics

			12-344-3.7	14-367-3.0	31-460-3.0
1 电压	Voltage	V	3.0	3.0	3.0
2 端电阻	Terminal resistance	Ω	0.47	0.45	0.36
3 空载转速	No-load speed	rpm	34400	36700	46000
4 空载电流	No-load current	mA	140	160	200
5 堵转转矩	Stall torque	mNm	5.1	5.0	4.9
6 堵转电流	Stall current	mA	6380	6670	8330
7 负载转矩	Load torque	mNm	1.0	1.0	1.0
8 负载转速	Load speed	rpm	27640	29300	36700
9 负载电流	Load current	mA	1370	1470	1840
10 最大输出功率	Max. output power	W	4.58	4.77	5.96
11 最大效率	Max. efficiency	%	72.7	71.5	71.5
12 反电势常数	Back-EMF constant	mV/rpm	0.09	0.08	0.06
13 转矩常数	Torque constant	mNm/A	0.81	0.76	0.61
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	6765	7404	9304
15 转子惯量	Rotor inertia	gcm ²	0.09	0.09	0.09
16 重量	Weight	g	5.6	5.6	5.7
17 工作温度范围	Operating temperature range	°C	-20~+120	-20~+120	-20~+120

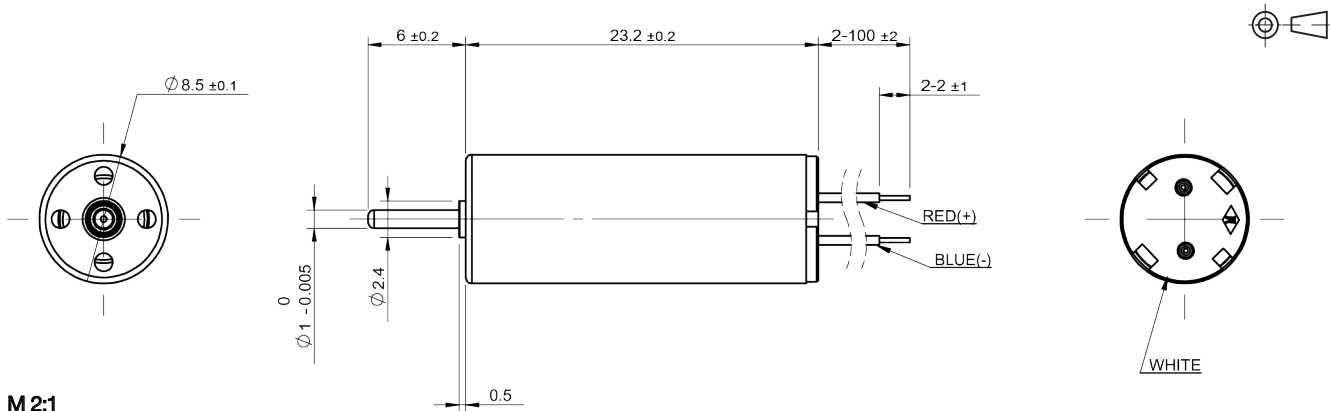
特性曲线 | Characteristics Curve



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