

L8.520N5M | 贵金属电刷 Precious Metal Commutation

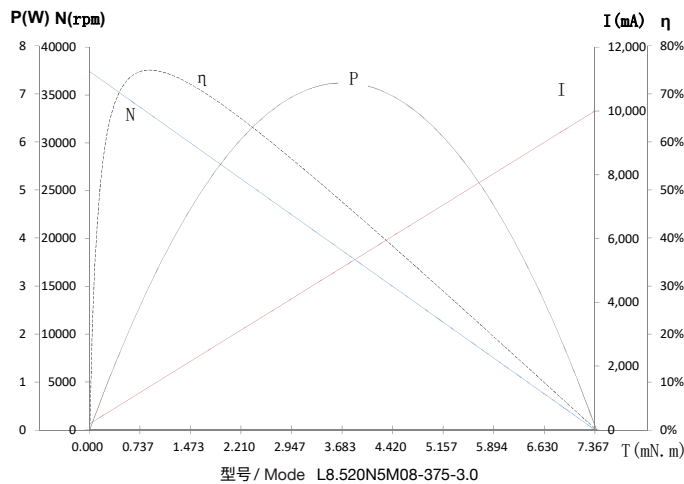
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

主要技术指标 | Characteristics

			08-375-3.0	14-435-3.4	59-367-3.0
1 电压	Voltage	V	3.0	3.4	3.0
2 端电阻	Terminal resistance	Ω	0.3	0.35	0.45
3 空载转速	No-load speed	rpm	37500	43500	36700
4 空载电流	No-load current	mA	180	200	130
5 堵转转矩	Stall torque	mNm	7.4	7.0	5.0
6 堵转电流	Stall current	mA	10000	9710	6670
7 负载转矩	Load torque	mNm	0.5	0.5	1.0
8 负载转速	Load speed	rpm	34950	40370	29360
9 负载电流	Load current	mA	850	880	1440
10 最大输出功率	Max. output power	W	7.24	7.93	4.81
11 最大效率	Max. efficiency	%	75.0	73.5	74.1
12 反电势常数	Back-EMF constant	mV/rpm	0.08	0.08	0.08
13 转矩常数	Torque constant	mNm/A	0.75	0.73	0.77
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	5090	6254	7336
15 转子惯量	Rotor inertia	gcm ²	0.07	0.07	0.08
16 重量	Weight	g	4.2	4.2	5.2
17 工作温度范围	Operating temperature range	°C	-20~+120	-20~+120	-20~+120

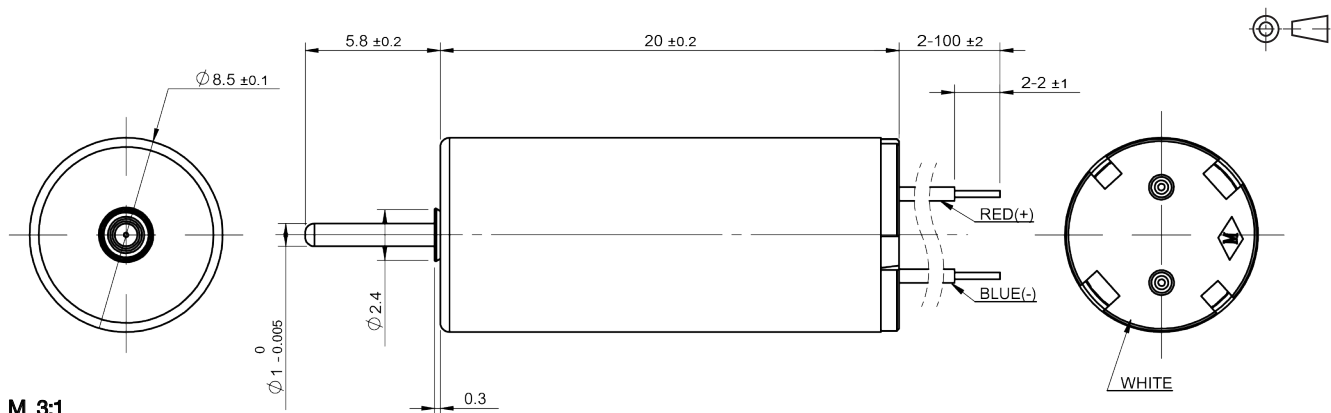
特性曲线 | Characteristics Curve



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