

## L1620N5M | 贵金属电刷 Precious Metal Commutation

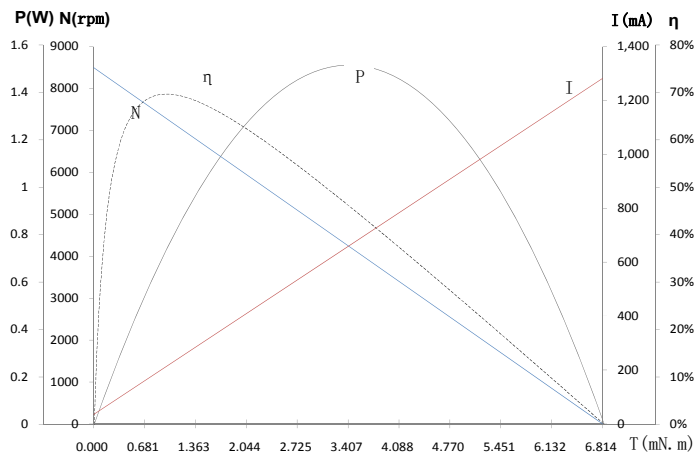
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

### 主要技术指标 | Characteristics

			33-85-5.0	20-95-5.0	29-80-5.0
1 电压	Voltage	V	5.0	5.0	5.0
2 端电阻	Terminal resistance	$\Omega$	3.9	4.1	3.7
3 空载转速	No-load speed	rpm	8550	9500	8000
4 空载电流	No-load current	mA	35	35	25
5 堵转转矩	Stall torque	mNm	6.8	5.78	7.8
6 堵转电流	Stall current	mA	1280	1220	1350
7 负载转矩	Load torque	mNm	1.0	1.0	1.0
8 负载转速	Load speed	rpm	7290	7860	6970
9 负载电流	Load current	mA	220	240	200
10 最大输出功率	Max. output power	W	1.5	1.4	1.6
11 最大效率	Max. efficiency	%	70	69	75
12 反电势常数	Back-EMF constant	mV/rpm	0.6	0.5	0.6
13 转矩常数	Torque constant	mNm/A	5.4	4.9	5.9
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	1260	1640	1030
15 转子惯量	Rotor inertia	gcm <sup>2</sup>	0.45	0.45	0.45
16 重量	Weight	g	15.8	15.8	15.8
17 工作温度范围	Operating temperature range	°C	-20~+85	-20~+85	-20~+86

### 特性曲线 | Characteristics Curve

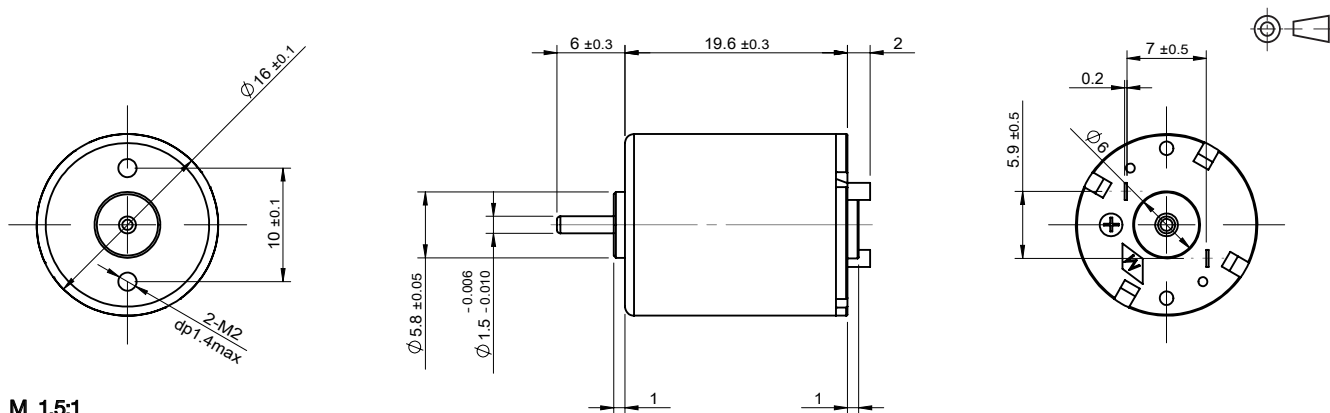


型号 / Mode L1620N5M33-85-5.0

### 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 1.5:1

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