

## L1015N5M | 贵金属电刷 Precious Metal Commutation

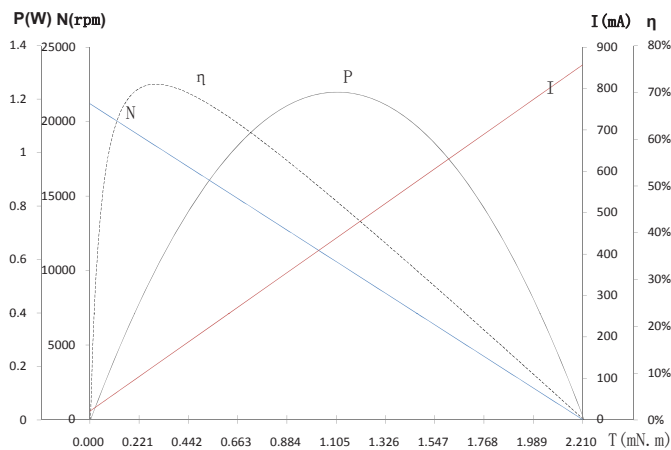
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

### 主要技术指标 | Characteristics

|              |                             |                  | 22-212-6.0 | 93-213-3.7 | 95-267-5.0 |
|--------------|-----------------------------|------------------|------------|------------|------------|
| 1 电压         | Voltage                     | V                | 6.0        | 3.7        | 5.0        |
| 2 端电阻        | Terminal resistance         | $\Omega$         | 7.0        | 2.5        | 3.9        |
| 3 空载转速       | No-load speed               | rpm              | 21200      | 21300      | 26700      |
| 4 空载电流       | No-load current             | mA               | 20         | 35         | 35         |
| 5 堵转转矩       | Stall torque                | mNm              | 2.21       | 2.32       | 2.17       |
| 6 堵转电流       | Stall current               | mA               | 860        | 1470       | 1280       |
| 7 负载转矩       | Load torque                 | mNm              | 0.5        | 0.5        | 1.5        |
| 8 负载转速       | Load speed                  | rpm              | 16400      | 16710      | 8240       |
| 9 负载电流       | Load current                | mA               | 210        | 340        | 900        |
| 10 最大输出功率    | Max. output power           | W                | 1.23       | 1.3        | 1.52       |
| 11 最大效率      | Max. efficiency             | %                | 72         | 72         | 70         |
| 12 反电势常数     | Back-EMF constant           | mV/rpm           | 0.3        | 0.2        | 0.2        |
| 13 转矩常数      | Torque constant             | mNm/A            | 2.6        | 1.6        | 1.7        |
| 14 转速 / 转矩斜率 | Speed/torque gradient       | rpm/mNm          | 9590       | 9180       | 12310      |
| 15 转子惯量      | Rotor inertia               | gcm <sup>2</sup> | 0.07       | 0.07       | 0.07       |
| 16 重量        | Weight                      | g                | 5.1        | 5.1        | 5.1        |
| 17 工作温度范围    | Operating temperature range | °C               | -20~+65    | -20~+65    | -20~+65    |

### 特性曲线 | Characteristics Curve

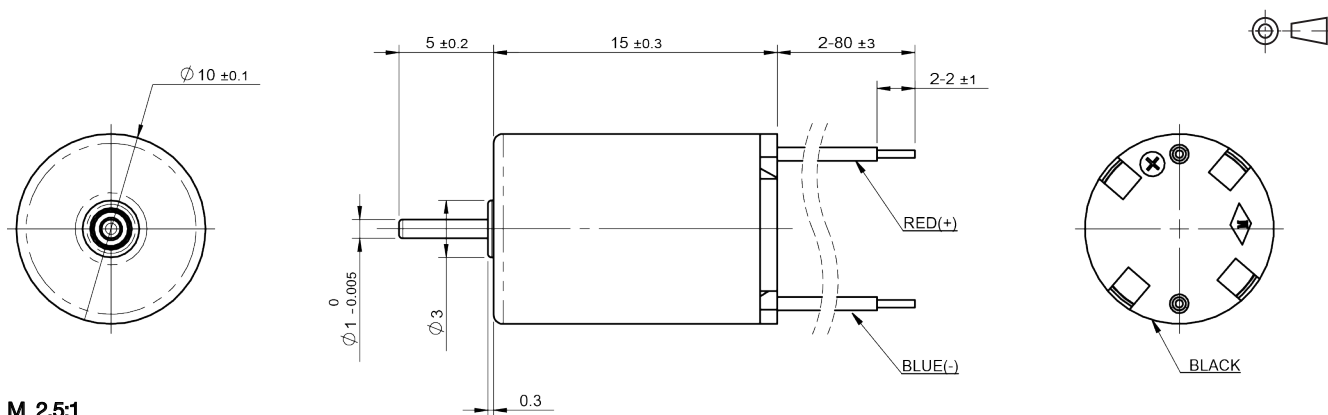


型号 / Mode L1015N5M22-212-6.0

### 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 2.5:1

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