

C1212F | 贵金属电刷 Precious Metal Commutation

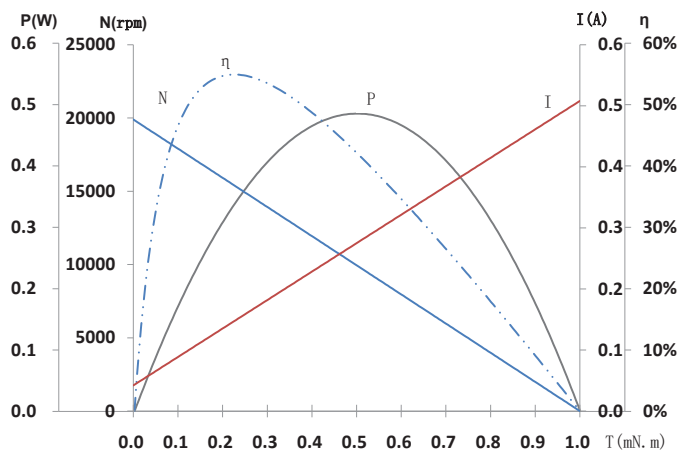
应用领域：安防、小型电子产品、飞机类遥控玩具、个人护理产品、便携工具等领域。

Applications: security equipment, small electronic products, remote control model aircraft, personal care products, portable electric tools, etc.

主要技术指标 | Characteristics

| | | | 13-0159 | F33-0527 | F33-0519 |
|----|-----------|-----------------------------|--------------------|----------|----------|
| 1 | 电压 | Voltage | V | 4.2 | 3.0 |
| 2 | 端电阻 | Terminal resistance | Ω | 7.8 | 3.1 |
| 3 | 空载转速 | No-load speed | rpm | 19900 | 22000 |
| 4 | 空载电流 | No-load current | mA | 42 | 75 |
| 5 | 堵转转矩 | Stall torque | mNm | 1.00 | 0.75 |
| 6 | 堵转电流 | Stall current | mA | 511 | 808 |
| 7 | 负载转矩 | Load torque | mNm | 0.098 | 0.102 |
| 8 | 负载转速 | Load speed | rpm | 17950 | 19000 |
| 9 | 负载电流 | Load current | mA | 88 | 175 |
| 10 | 最大输出功率 | Max. output power | W | 0.52 | 0.43 |
| 11 | 最大效率 | Max. efficiency | % | 58.7 | 41.8 |
| 12 | 反电势常数 | Back-EMF constant | mV/rpm | 0.19 | 0.13 |
| 13 | 转矩常数 | Torque constant | mNm/A | 2.13 | 1.02 |
| 14 | 转速 / 转矩斜率 | Speed/torque gradient | rpm/mNm | 19898 | 29412 |
| 15 | 压敏电阻 | Varistor | Yes/No | Yes | Yes |
| 16 | 重量 | Weight | g | 5.4 | 5.4 |
| 17 | 工作温度范围 | Operating temperature range | $^{\circ}\text{C}$ | -20~+80 | -20~+80 |

特性曲线 | Characteristics Curve

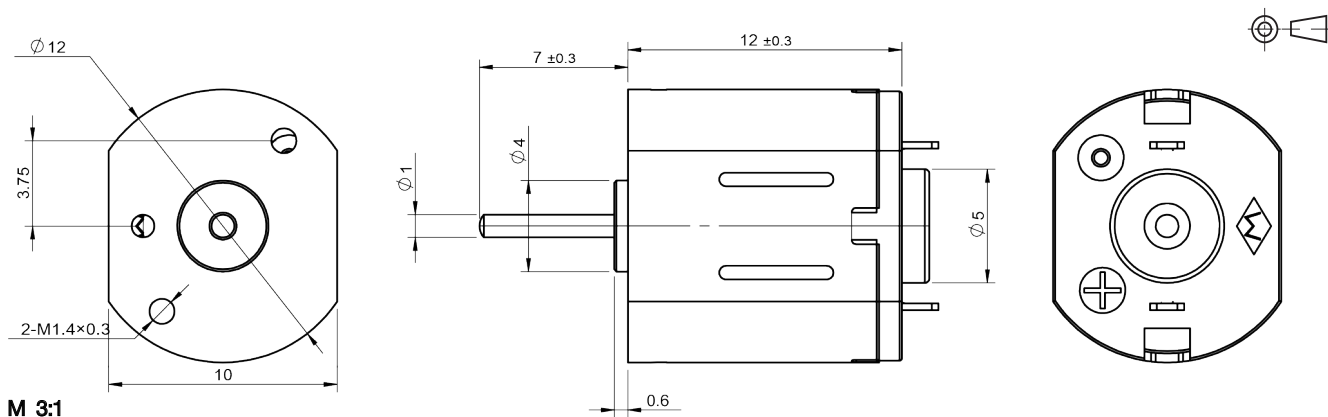


型号 / Model C1212F13-0159

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