

## C1627F | 贵金属电刷 Precious Metal Commutation

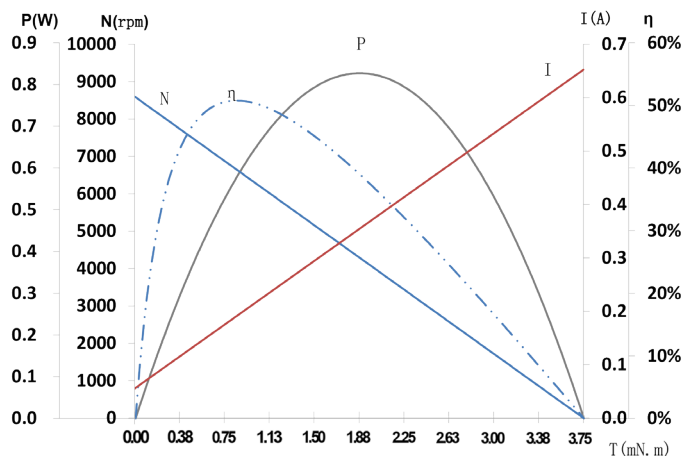
应用领域：安防、小型电子产品、飞机类遥控玩具、个人护理产品、便携工具等领域。

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

### 主要技术指标 | Characteristics

|    |           |                             | 34AH-0055          | 34AH-0063 | 34AH-0064 |         |
|----|-----------|-----------------------------|--------------------|-----------|-----------|---------|
| 1  | 电压        | Voltage                     | V                  | 6.0       | 12.0      | 6.0     |
| 2  | 端电阻       | Terminal resistance         | $\Omega$           | 8.8       | 49        | 2.4     |
| 3  | 空载转速      | No-load speed               | rpm                | 8600      | 8000      | 20200   |
| 4  | 空载电流      | No-load current             | mA                 | 55        | 20        | 100     |
| 5  | 堵转转矩      | Stall torque                | mNm                | 3.75      | 3.43      | 5.40    |
| 6  | 堵转电流      | Stall current               | mA                 | 652       | 233       | 2304    |
| 7  | 负载转矩      | Load torque                 | mNm                | 0.79      | 0.59      | 0.39    |
| 8  | 负载转速      | Load speed                  | rpm                | 6800      | 6500      | 19100   |
| 9  | 负载电流      | Load current                | mA                 | 180       | 60        | 220     |
| 10 | 最大输出功率    | Max. output power           | W                  | 0.85      | 0.72      | 2.86    |
| 11 | 最大效率      | Max. efficiency             | %                  | 51.9      | 61.5      | 56.7    |
| 12 | 反电势常数     | Back-EMF constant           | mV/rpm             | 0.64      | 1.38      | 0.29    |
| 13 | 转矩常数      | Torque constant             | mNm/A              | 6.28      | 16.08     | 2.45    |
| 14 | 转速 / 转矩斜率 | Speed/torque gradient       | rpm/mNm            | 2293      | 2332      | 3741    |
| 15 | 压敏电阻      | Varistor                    | Yes/No             | Yes       | Yes       | Yes     |
| 16 | 重量        | Weight                      | g                  | 16.7      | 16.7      | 16.7    |
| 17 | 工作温度范围    | Operating temperature range | $^{\circ}\text{C}$ | -20~+80   | -20~+80   | -20~+80 |

### 特性曲线 | Characteristics Curve

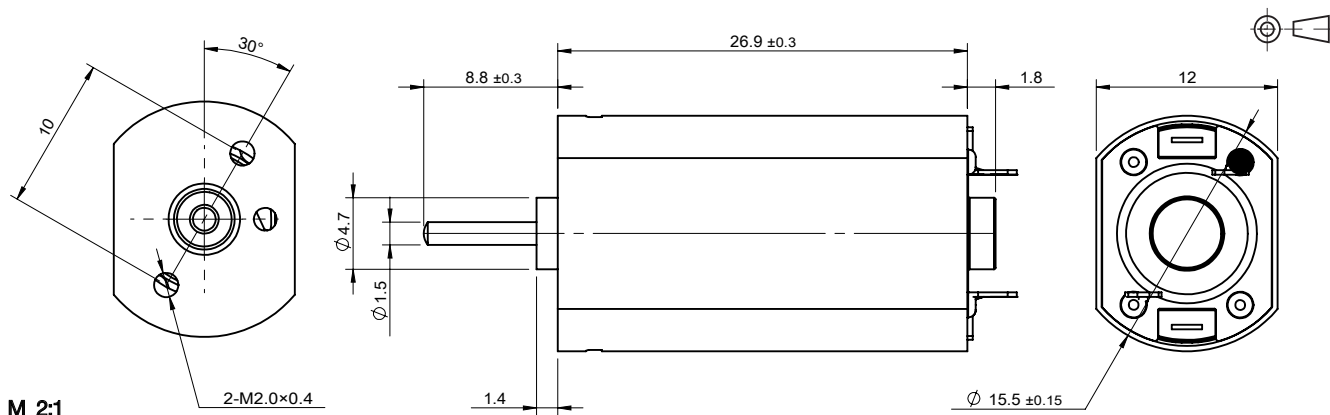


型号 / Model C1627F34AH-0055

### 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



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