

## SJM6010-08

|  |                  |              |
|--|------------------|--------------|
| 驱动板型号(Driver Model)                      | /                | SDC104       |
| 额定电压(Nominal Voltage)                    | V                | 24           |
| 电压范围(Voltage Range)                      | V                | 12~56        |
| 功率(Power)                                | W                | 252          |
| 额定扭矩(Nominal Torque)                     | N.M              | 5            |
| 堵转扭矩(Stall Torque)                       | N.M              | 11           |
| 减速后额定转速(Nominal Speed after Reduce)      | RPM              | 120          |
| 减速后最大转速(Max Speed after Reduce)          | RPM              | 420          |
| 额定电流(Nominal Current)                    | A                | 10.5         |
| 堵转电流(Stall Current)                      | A                | 23.4         |
| 相电阻(Phase Resistance)                    | $\Omega$         | 0.42         |
| 相电感(Phase Inductance)                    | mH               | 0.34         |
| 转速常数(Speed Constant)                     | rpm/v            | 17.5         |
| 扭矩常数(Torque Constant)                    | N.M/A            | 0.47         |
| 转子惯量(Rotor Inertia)                      | gcm <sup>2</sup> | 26.3         |
| 极对数(Number of Pole Pairs)                | Pairs            | 14           |
| 减速比(Gear Rate)                           | /                | 8:1          |
| 减速器类型(Gear Type)                         | /                | Planetary    |
| 减速器齿轮材料(Reducer Gear Material)           | /                | STEEL        |
| 减速器齿轮背隙(Reducer Gear Backlash)           | arcmin           | 15           |
| 电机重量不带驱动(Motor Weight without Driver)    | g                | 370          |
| 电机重量带驱动(Motor Weight with Driver)        | g                | 388          |
| 电机尺寸不带驱动(Size without Driver)            | mm               | Ø80*29.5     |
| 电机尺寸带驱动(Size with Driver)                | mm               | Ø80*40       |
| 轴向最大负载(Max Axial Load)                   | N                | 200          |
| 径向最大负载(Max Radial Load)                  | N                | 800          |
| 噪音(Noise)                                | dB               | < 60         |
| 通信协议(Communication)                      | /                | CAN & Type-C |
| 第二编码器(Second Encoder)                    | /                | YES          |
| 电机防水防尘等级(Motor Protection Grade)         | /                | IP54         |
| 工作温度范围(Working Temperature)              | °C               | -20~+80      |
| 板载编码器精度(Resolution of Encoder on Driver) | Bit              | 12           |
| 是否支持单独编码器(Separate Encoder)              | /                | NO           |