

| SJM8108-09                               |        |           |           |
|------------------------------------------|--------|-----------|-----------|
| 驱动板型号(Driver Model)                      | /      | SDC103    | SDC303    |
| 额定电压(Nominal Voltage)                    | V      | 48        | 24        |
| 电压范围(Voltage Range)                      | V      | 24~48     | 15~48     |
| 功率(Power)                                | W      | 192       | 221       |
| 额定扭矩(Nominal Torque)                     | N.M    | 8.19      | 8.78      |
| 堵转扭矩(Stall Torque)                       | N.M    | 27.38     | 25.73     |
| 减速后额定转速(Nominal Speed after Reduce)      | RPM    | 207       | 195       |
| 减速后最大转速(Max Speed after Reduce)          | RPM    | 242       | 227       |
| 额定电流(Nominal Current)                    | A      | 4         | 9.2       |
| 堵转电流(Stall Current)                      | A      | 19.8      | 34.1      |
| 相电阻(Phase Resistance)                    | Ω      | 0.73      | 0.22      |
| 相电感(Phase Inductance)                    | mH     | 0.49      | 0.21      |
| 转速常数(Speed Constant)                     | rpm/v  | 5.04      | 9.46      |
| 扭矩常数(Torque Constant)                    | N.M/A  | 1.83      | 0.96      |
| 极对数(Number of Pole Pairs)                | Pairs  | 21        | 21        |
| 减速比(Gear Rate)                           | /      | 9:1       | 9:1       |
| 减速器类型(Gear Type)                         | /      | Planetary | Planetary |
| 减速器齿轮材料(Reducer Gear Material)           | /      | STEEL     | STEEL     |
| 减速器齿轮背隙(Reducer Gear Backlash)           | arcmin | 15        | 15        |
| 电机重量不带驱动(Motor Weight without Driver)    | g      | 525       | 525       |
| 电机重量带驱动(Motor Weight with Driver)        | g      | 567       | 567       |
| 电机尺寸不带驱动(Size without Driver)            | mm     | Ø96*34    | Ø96*34    |
| 电机尺寸带驱动(Size with Driver)                | mm     | Ø96*41.5  | Ø96*41.5  |
| 轴向最大负载(Max Axial Load)                   | N      | 225       | 225       |
| 径向最大负载(Max Radial Load)                  | N      | 900       | 900       |
| 噪音(Noise)                                | dB     | < 60      | < 60      |
| 通信协议(Communication)                      | /      | CAN & 485 | CAN       |
| 第二编码器(Second Encoder)                    | /      | YES       | YES       |
| 电机防水防尘等级(Motor Protection Grade)         | /      | IP54      | IP54      |
| 工作温度范围(Working Temperature)              | ℃      | -20~ +80  | -20~ +80  |
| 板载编码器精度(Resolution of Encoder on Driver) | Bit    | 14        | 14        |
| 是否支持单独编码器(Separate Encoder)              | /      | NO        | NO        |
| 是否支持定制抱闸(Custom Brake)                   | /      | YES       | YES       |