

## SJM8108-08

|  |                    |                            |
|--|--------------------|----------------------------|
| 驱动板型号(Driver Model)                      | /                  | SDC104                     |
| 额定电压(Nominal Voltage)                    | V                  | 48                         |
| 电压范围(Voltage Range)                      | V                  | 24~56                      |
| 功率(Power)                                | W                  | 336                        |
| 额定扭矩(Nominal Torque)                     | N.M                | 7.5                        |
| 堵转扭矩(Stall Torque)                       | N.M                | 22                         |
| 减速后额定转速(Nominal Speed after Reduce)      | RPM                | 110                        |
| 减速后最大转速(Max Speed after Reduce)          | RPM                | 320                        |
| 额定电流(Nominal Current)                    | A                  | 7                          |
| 堵转电流(Stall Current)                      | A                  | 22                         |
| 相电阻(Phase Resistance)                    | $\Omega$           | 0.67                       |
| 相电感(Phase Inductance)                    | mH                 | 0.45                       |
| 转速常数(Speed Constant)                     | rpm/v              | 6.67                       |
| 扭矩常数(Torque Constant)                    | N.M/A              | 1                          |
| 转子惯量(Rotor Inertia)                      | gcm <sup>2</sup>   | 45.5                       |
| 极对数(Number of Pole Pairs)                | Pairs              | 21                         |
| 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                  | 378                        |
| 电机重量带驱动(Motor Weight with Driver)        | g                  | 396                        |
| 电机尺寸不带驱动(Size without Driver)            | mm                 | $\varnothing 92 \times 44$ |
| 电机尺寸带驱动(Size with Driver)                | mm                 | $\varnothing 92 \times 55$ |
| 轴向最大负载(Max Axial Load)                   | N                  | 225                        |
| 径向最大负载(Max Radial Load)                  | N                  | 900                        |
| 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)              | $^{\circ}\text{C}$ | -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                         |