

## J32ZW X04

| 电机参数 (Motor Parameters)                    |                   | 指标 (Performance Metrics) |
|--------------------------------------------|-------------------|--------------------------|
| 1 额定电压 (Rated Voltage)                     | VDC               | 28                       |
| 2 空载转速 (No-Load Speed)                     | r/min             | 19000~19400              |
| 3 空载电流 (No-Load Current)                   | A                 | ≤1.5                     |
| 4 额定转速 (Rated Speed)                       | r/min             | 16000~17500              |
| 5 额定转矩 (Rated Torque)                      | N.m               | 0.05                     |
| 6 额定电流 (Rated Current)                     | A                 | 3.8~4.4                  |
| 7 相间电阻 (Interphase Resistance)             | Ω                 | 0.17                     |
| 8 相间电感 (Interphase Inductance)             | mH                | 0.117                    |
| 9 机电时间常数 (Electromechanical Time Constant) | ms                | ≤4                       |
| 10 转子转动惯量 (Rotor Moment of Inertia)        | kg·m <sup>2</sup> | 5.12×10 <sup>-6</sup>    |
| 热参数 (Thermal Parameters)                   |                   |                          |
| 11 最高绕组温度 (Maximum Winding Temperature)    | ℃                 | 220                      |
| 12 绝缘等级 (Insulation Class)                 |                   | H                        |
| 机械参数 (Mechanical Parameters)               |                   |                          |
| 13 轴向间隙 (Axial Clearance)                  | mm                | ≤0.10                    |
| 14 径向间隙 (Radial Clearance)                 | mm                | ≤0.05                    |
| 其他参数 (Other Parameters)                    |                   |                          |
| 15 电机质量 (Motor Mass)                       | g                 | 293                      |
| 16 极对数 (Number of Poles)                   |                   | 2                        |

### 产品组成 (Product Composition)

无刷直流电动机 (Brushless DC Motor)

### 机械特性 (转速-转矩/功率曲线) Mechanical Characteristics (Speed-Torque/Power Curve)



