



| 主要参数 | 单位 | LDE-280231-W1-FA |
|-------------|--------------------|------------------|
| 连续转矩 | N.m | 250.0 |
| 连续电流 | A rms | 7.1 |
| 最大转矩 | N.m | 500 |
| 最大电流 | A rms | 14.2 |
| 转矩常数 | Nm/A rms | 35.2 |
| 电阻 (ptp) | Ohms (25°C) | 6.7 |
| 电感 (ptp) | mH (25° C) | 22.8 |
| 极数 | | 40 |
| 反电势常数 (ptp) | Vrms/rad/s | 28.7 |
| 最大额定功耗 | W (25° C) | 644.9 |
| 电机常数 | Nm/√W | 7.9 |
| 转动惯量 | Kg. m ² | 0.27 |
| 电机重量 | Kg | 56.7 |
| 最高转速 | rpm | 100 |
| 定位精度 | Arc sec | ±20 |
| 重复精度 | Arc sec | ±1.5 |
| 分辨率 | sin/cos | 16384 |
| 最大轴向载荷 | N | 40000 |
| 最大径向载荷 | N.m | 400 |
| 轴向偏摆 | mm | 0.005 |
| 径向偏摆 | mm | 0.005 |

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| ZCOE 智和科技 | Material | | Revision | A | Design by: | | Part No. | LDE-280231-W1-FA |
| | Scale | 1:1 | | Sheet 1 of 1 | Checked by: | | Description: | 力矩电机 |
| | Unspecified Tolerance: ISO 2768-1 Class m | | | | | Approved by: | | Sub ASSM : |
| | All Dimensions are Millimetres | | | | | | | |