

RD Series (80mm)

Performance Data

| Model | Units | 80S02430A3EMRD | 80S02430A3EMRD |
|-------------------------|-------------------|------------------------------|-----------------------|
| Poles 极对数 | / | 5P | 5P |
| Rated Voltage 额定电压 | VAC | 220 | 220 |
| Rated Power 额定功率 | W | 750 | 1000 |
| Rated Speed 额定转速 | rpm | 3000 | 3000 |
| Maximum Speed 最大转速 | rpm | 6000 | 6000 |
| Rated Torque 额定力矩 | N.m | 2.39 | 3.18 |
| Maximum Torque 最大力矩 | N.m | 7.17 | 9.54 |
| Rated Current 额定电流 | A | 4.8 | 7.6 |
| Maximum Current 最大电流 | A | 16.9 | 28 |
| Torque Coefficient 扭矩常数 | N.m/A | 0.498 | 0.418 |
| Rotor Inertia 转子惯量 | Kg*m ² | 1.38*10 ⁻⁴ | 1.75*10 ⁻⁴ |
| Insulation Class 热绝缘等级 | Class | F | F |
| Safety Class 防护等级 | / | IP65 | IP65 |
| Encoder Type 编码器类型 | / | 2500ppr incremental encoder | |
| Environment 运行环境 | / | -20°C to 50°C humidity < 90% | |
| Weight 重量 | Kg | 2.8 | 3.5 |
| Length 长度 | mm | 110 | 125 |



Dimensions in mm

