

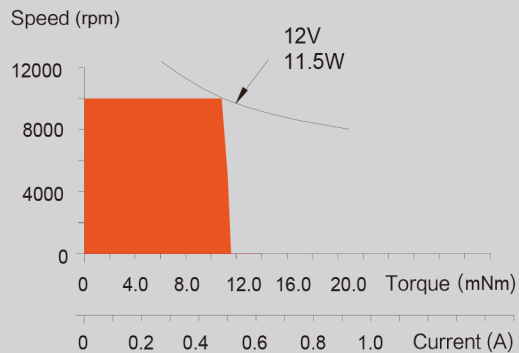
电机参数 Motor Data

| 电机型号 | Motor model | | | DRH223212B | DRH223224B |
|----------|-----------------------|-----------|-----------------------|------------|------------|
| 1 额定电压 | Nominal voltage | V | V | 12 | 24 |
| 2 空载转速 | No load speed | rpm | Wnl | 11500 | 12000 |
| 3 空载电流 | No load current | mA | Inl | 22 | 13 |
| 4 额定转速 | Nominal speed | rpm | Wc | 9500 | 9980 |
| 5 额定转矩 | Nominal torque | mNm | Tc | 10.8 | 11 |
| 6 额定电流 | Nominal current | A | Ic | 1.11 | 0.58 |
| 7 输出功率 | Output power | W | Pc | 10.8 | 11.5 |
| 8 堵转扭矩 | Stall torque | mNm | Tmax | 56.6 | 64.3 |
| 9 堵转电流 | Stall current | A | I _{max} | 5.83 | 3.38 |
| 10 最大效率 | Max. efficiency | % | η_{max} | 80 | 82 |
| 11 线间电阻 | Terminal resistance | Ω | Rt | 2.06 | 7.1 |
| 12 力矩系数 | Torque constant | mNm / A | Kt | 9.7 | 19 |
| 13 速度常数 | Speed constant | rpm / V | Kn | 983 | 502 |
| 14 速度扭矩比 | Speed torque gradient | rpm / mNm | $\Delta n / \Delta T$ | 204 | 183 |

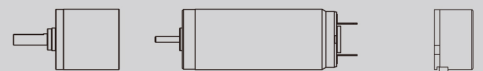
特性参数 Specifications

| | | |
|---|------------|--------------|
| 1 环境温度 ambient temperature | Ta | -20~+65 °C |
| 2 最大允许线圈温度 max. winding temperature | Tcoilmax | +125 °C |
| 3 最大允许速度 max. speed | Nmax | 12650rpm |
| 4 轴向窜动 axial play | Δt | 0.05-0.15 mm |
| 5 极对数 number of pole pairs | 2p | 1 |
| 6 换向器片数 number of commutator segments | | 5 |
| 7 马达重量 weight of motor | Wt | 54 g |
| 8 最大轴向载荷 (动态) Max. axial load (dynamic) | | 3N |
| 9 最大允许安装力 (静态) Max. force for press fits (static) | | 45N |
| 10 最大径向载荷 (离法兰4mm处) Max. radial load, 4 mm from flange | | 12N |

电机运行范围 Operating Range



SMJ配件 SMJ Modular System



行星减速机
型号 P22H
外径尺寸 $\phi 22$
扭矩 0.021~1.2N·m

编码器
1000 线
3 通道