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| 1                                     | <table><tr><td colspan="3">电机性能参数Motor performance parameters</td></tr><tr><td>参数项Parameter item</td><td>单位Unit</td><td>参数值Parameter values</td></tr><tr><td>极数Number of poles</td><td>/</td><td>8</td></tr><tr><td>额定功率Rated Power</td><td>W</td><td>5000</td></tr><tr><td>工作电压Operating supply voltage</td><td>V</td><td>96VDC</td></tr><tr><td>额定电流Rated Current</td><td>A</td><td>62.5</td></tr><tr><td>额定转矩Rated Torque</td><td>N.m</td><td>23.88</td></tr><tr><td>额定转速Rated Speed</td><td>rpm</td><td>2000</td></tr><tr><td>最大电流Maximum current</td><td>A</td><td>156</td></tr><tr><td>最大转矩Maximum torque</td><td>N.m</td><td>59.7</td></tr><tr><td>连续静态电流Standstill current</td><td>A</td><td>65.75</td></tr><tr><td>连续静态转矩Standstill torque</td><td>N.m</td><td>26.27</td></tr><tr><td>转动惯量Rotational inertia</td><td>kg.cm2</td><td>85.09</td></tr><tr><td>线电阻Resistance line-line</td><td>Ω</td><td>0.022±20%</td></tr><tr><td>线电感Inductance line-line</td><td>mH</td><td>0.273±20%</td></tr><tr><td>反电动势常数EMF constant</td><td>v/krpm</td><td>25.2±10%</td></tr><tr><td>转矩常数Torque constant</td><td>Nm/A</td><td>0.42</td></tr><tr><td>电气时间常数Electrical time constant</td><td>ms</td><td>12.4</td></tr><tr><td>机械时间常数Mechanical time constant</td><td>ms</td><td>1.87</td></tr><tr><td>最大径向力Radial force Max</td><td>N</td><td>1470</td></tr><tr><td>最大轴向力Axial force Max</td><td>N</td><td>490</td></tr><tr><td>电机重量Motor Weight</td><td>kg</td><td>25.6</td></tr><tr><td>绝缘等级Insulation Class</td><td>/</td><td>F</td></tr><tr><td>防护等级Protection Degree</td><td>/</td><td>IP54</td></tr></table> |                     |                                       |                               |          |           |         |          |           | 电机性能参数Motor performance parameters    |   |         | 参数项Parameter item                     | 单位Unit | 参数值Parameter values | 极数Number of poles | /      | 8         | 额定功率Rated Power   | W         | 5000                         | 工作电压Operating supply voltage | V | 96VDC                        | 额定电流Rated Current | A         | 62.5 | 额定转矩Rated Torque | N.m | 23.88 | 额定转速Rated Speed              | rpm      | 2000 | 最大电流Maximum current          | A   | 156  | 最大转矩Maximum torque | N.m                           | 59.7 | 连续静态电流Standstill current | A   | 65.75    | 连续静态转矩Standstill torque | N.m | 26.27    | 转动惯量Rotational inertia | kg.cm2 | 85.09   | 线电阻Resistance line-line | Ω | 0.022±20% | 线电感Inductance line-line | mH | 0.273±20% | 反电动势常数EMF constant | v/krpm | 25.2±10% | 转矩常数Torque constant | Nm/A | 0.42 | 电气时间常数Electrical time constant | ms | 12.4 | 机械时间常数Mechanical time constant | ms    | 1.87 | 最大径向力Radial force Max | N | 1470 | 最大轴向力Axial force Max | N | 490 | 电机重量Motor Weight | kg | 25.6 | 绝缘等级Insulation Class | /    | F    | 防护等级Protection Degree | / | IP54 | 1 |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 电机性能参数Motor performance parameters    |  |                     |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 参数项Parameter item                     | 单位Unit   | 参数值Parameter values |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 极数Number of poles                     | /  | 8                   |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 额定功率Rated Power                       | W  | 5000                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 工作电压Operating supply voltage          | V  | 96VDC               |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 额定电流Rated Current                     | A  | 62.5                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 额定转矩Rated Torque                      | N.m  | 23.88               |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 额定转速Rated Speed                       | rpm  | 2000                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 最大电流Maximum current                   | A  | 156                 |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 最大转矩Maximum torque                    | N.m  | 59.7                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 连续静态电流Standstill current              | A  | 65.75               |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 连续静态转矩Standstill torque               | N.m  | 26.27               |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 转动惯量Rotational inertia                | kg.cm2   | 85.09               |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 线电阻Resistance line-line               | Ω  | 0.022±20%           |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 线电感Inductance line-line               | mH   | 0.273±20%           |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 反电动势常数EMF constant                    | v/krpm   | 25.2±10%            |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 转矩常数Torque constant                   | Nm/A   | 0.42                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 电气时间常数Electrical time constant        | ms   | 12.4                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 机械时间常数Mechanical time constant        | ms   | 1.87                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 最大径向力Radial force Max                 | N  | 1470                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 最大轴向力Axial force Max                  | N  | 490                 |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 电机重量Motor Weight                      | kg   | 25.6                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 绝缘等级Insulation Class                  | /  | F                   |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 防护等级Protection Degree                 | /  | IP54                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 2                                     | <table><tr><td colspan="3">制动器性能参数Brake performance parameters</td><td colspan="3">编码器性能参数Encoder performance parameters</td></tr><tr><td>参数项Parameter item</td><td>单位Unit</td><td>参数值Values</td><td>参数项Parameter item</td><td>参数值Values</td><td></td></tr><tr><td>额定电压Rated Voltage</td><td>V</td><td>24</td><td>参数项Parameter item</td><td>参数值Values</td><td></td></tr><tr><td>静力矩Static torque</td><td>N·m</td><td>55</td><td>类型Type</td><td>绝对值式多圈磁编</td><td></td></tr><tr><td>最大转速Maximum speed</td><td>rpm</td><td>6000</td><td>分辨率Resolution</td><td>65536/131072<br/>(16bit/17bit)</td><td></td></tr><tr><td>制动时间Braking time</td><td>ms</td><td>200</td><td></td><td></td><td></td></tr><tr><td>释放时间Release time</td><td>ms</td><td>80</td><td></td><td></td><td></td></tr></table>  |                     |                                       |                               |          |           |         |          |           | 制动器性能参数Brake performance parameters   |   |         | 编码器性能参数Encoder performance parameters |        |                     | 参数项Parameter item | 单位Unit | 参数值Values | 参数项Parameter item | 参数值Values |                              | 额定电压Rated Voltage            | V | 24                           | 参数项Parameter item | 参数值Values |      | 静力矩Static torque | N·m | 55    | 类型Type                       | 绝对值式多圈磁编 |      | 最大转速Maximum speed            | rpm | 6000 | 分辨率Resolution      | 65536/131072<br>(16bit/17bit) |      | 制动时间Braking time         | ms  | 200      |                         |     |          | 释放时间Release time       | ms     | 80  |                         |   |           | 2                       |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 制动器性能参数Brake performance parameters   |  |                     | 编码器性能参数Encoder performance parameters |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 参数项Parameter item                     | 单位Unit   | 参数值Values           | 参数项Parameter item                     | 参数值Values                     |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 额定电压Rated Voltage                     | V  | 24                  | 参数项Parameter item                     | 参数值Values                     |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 静力矩Static torque                      | N·m  | 55                  | 类型Type                                | 绝对值式多圈磁编                      |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 最大转速Maximum speed                     | rpm  | 6000                | 分辨率Resolution                         | 65536/131072<br>(16bit/17bit) |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 制动时间Braking time                      | ms   | 200                 |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 释放时间Release time                      | ms   | 80                  |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 3                                     | <table><tr><td colspan="3">未注线性公差<br/>Undeclared linear tolerance</td><td colspan="3">更新电参数</td><td colspan="3">DCN250151</td><td colspan="3">2025/4/21</td><td colspan="3">审核Check</td><td colspan="3">ZY</td><td colspan="3">2025/1/2</td><td colspan="3">投影法<br/>Projection<br/>methods</td><td colspan="3">产品外形图Product Outline Drawing</td></tr><tr><td>0.5~3</td><td>±0.2</td><td></td><td>原始版本</td><td>新发布</td><td>2025/1/2</td><td>设计Design</td><td>WYD</td><td>2025/1/2</td><td>比例Scale</td><td>1:1</td><td colspan="6" rowspan="4"><div>Kinco步科</div><div>步科股份: 688160</div><div>The copyright of this drawing belongs to our company<br/>and unauthorized dissemination is prohibited.</div><div>页码Page No Sheet 2 OF 2 A2</div></td></tr><tr><td>&gt;3~6</td><td>±0.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>&gt;6~30</td><td>±0.5</td><td>V1.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>&gt;30~120</td><td>±0.8</td><td>V1.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>&gt;120~400</td><td>±1.2</td><td>VER Mark</td><td>版本记录Version record</td><td>归档方式ECN No</td><td>归档日期Date</td><td>评审Review</td><td>姓名Names</td><td>日期Data</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>  |                     |                                       |                               |          |           |         |          |           | 未注线性公差<br>Undeclared linear tolerance |   |         | 更新电参数                                 |        |                     | DCN250151         |        |           | 2025/4/21         |           |                              | 审核Check                      |   |                              | ZY                |           |      | 2025/1/2         |     |       | 投影法<br>Projection<br>methods |          |      | 产品外形图Product Outline Drawing |     |      | 0.5~3              | ±0.2                          |      | 原始版本                     | 新发布 | 2025/1/2 | 设计Design                | WYD | 2025/1/2 | 比例Scale                | 1:1    | <div>Kinco步科</div> <div>步科股份: 688160</div> <div>The copyright of this drawing belongs to our company<br/>and unauthorized dissemination is prohibited.</div> <div>页码Page No Sheet 2 OF 2 A2</div> |                         |   |           |                         |    | >3~6      | ±0.3               |        |          |                     |      |      |                                |    |      |                                | >6~30 | ±0.5 | V1.2                  |   |      |                      |   |     |                  |    |      | >30~120              | ±0.8 | V1.0 |                       |   |      |   |  |  |  |  | >120~400 | ±1.2 | VER Mark | 版本记录Version record | 归档方式ECN No | 归档日期Date | 评审Review | 姓名Names | 日期Data |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| 未注线性公差<br>Undeclared linear tolerance |  |                     | 更新电参数                                 |                               |          | DCN250151 |         |          | 2025/4/21 |                                       |   | 审核Check |                                       |        | ZY                  |                   |        | 2025/1/2  |                   |           | 投影法<br>Projection<br>methods |                              |   | 产品外形图Product Outline Drawing |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 0.5~3                                 | ±0.2   |                     | 原始版本                                  | 新发布                           | 2025/1/2 | 设计Design  | WYD     | 2025/1/2 | 比例Scale   | 1:1                                   | <div>Kinco步科</div> <div>步科股份: 688160</div> <div>The copyright of this drawing belongs to our company<br/>and unauthorized dissemination is prohibited.</div> <div>页码Page No Sheet 2 OF 2 A2</div> |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| >3~6                                  | ±0.3   |                     |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| >6~30                                 | ±0.5   | V1.2                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| >30~120                               | ±0.8   | V1.0                |                                       |                               |          |           |         |          |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| >120~400                              | ±1.2   | VER Mark            | 版本记录Version record                    | 归档方式ECN No                    | 归档日期Date | 评审Review  | 姓名Names | 日期Data   |           |                                       |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 4                                     | <div>TN曲线图</div> <div>短时工作区<br/>Intermittent</div> <div>连续工作区<br/>Continuous</div> <div>(1700, 59.7)</div> <div>(2000, 23.88)</div> <div>转矩 (N.m)</div> <div>转速 (rpm)</div>  |                     |                                       |                               |          |           |         |          |           | 4                                     |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 5                                     | <div>受控</div>  |                     |                                       |                               |          |           |         |          |           | 5                                     |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 6                                     |  |                     |                                       |                               |          |           |         |          |           | 6                                     |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 7                                     |  |                     |                                       |                               |          |           |         |          |           | 7                                     |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| 8                                     |  |                     |                                       |                               |          |           |         |          |           | 8                                     |   |         |                                       |        |                     |                   |        |           |                   |           |                              |                              |   |                              |                   |           |      |                  |     |       |                              |          |      |                              |     |      |                    |                               |      |                          |     |          |                         |     |          |                        |        |   |                         |   |           |                         |    |           |                    |        |          |                     |      |      |                                |    |      |                                |       |      |                       |   |      |                      |   |     |                  |    |      |                      |      |      |                       |   |      |   |  |  |  |  |          |      |          |                    |            |          |          |         |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |