

BH2245NH2B

Ø22mm\*45mm, 内转子无槽带传感器高效率 Inner Rotor, Slotless, Sensored, High efficiency

应用领域：医疗器械、工业设备等精密驱动领域。  
Applications: precision drives in medical equipment, industrial automation fields.

|                                                                                      |                 |                                        |                    | 01-492-24.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       | 02-505-36.0 |                    | 03-492-48.0 |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
|--------------------------------------------------------------------------------------|-----------------|----------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------|--------------------|-------------|--|----------------------|-----|--|--------------------|--|--|---------------|--|--|--------|--|--|------|---|-------|------|---|-----|------|---|--------|------|---|-------|------|---|------|------|---|-------|------|---|-----|--|--|--|------|---|-------|--|--|--|------|----|--------|--|--|--|------|----|------|--|--|--|------|----|--------|--|--|--|
| 电机参数 / Motor Data                                                                    |                 |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 1                                                                                    | 电压              | Voltage                                | V                  | 24.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | 36.0        |                    | 48.0        |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 2                                                                                    | 端电阻             | Terminal resistance                    | Ω                  | 0.28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | 0.55        |                    | 1.13        |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 3                                                                                    | 空载转速            | No-load speed                          | rpm                | 49200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       | 50500       |                    | 49200       |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 4                                                                                    | 空载电流            | No-load current                        | A                  | 0.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | 0.26        |                    | 0.16        |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 5                                                                                    | 堵转转矩            | Stall torque                           | mNm                | 396                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 442         |                    | 392         |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 6                                                                                    | 堵转电流            | Stall current                          | A                  | 85.71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       | 65.46       |                    | 42.48       |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 7                                                                                    | 额定转矩            | Nominal torque                         | mNm                | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | 16          |                    | 16          |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 8                                                                                    | 额定转速            | Nominal speed                          | rpm                | 47232                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       | 48732       |                    | 47232       |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 9                                                                                    | 额定电流            | Nominal current                        | A                  | 3.75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | 2.54        |                    | 1.85        |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 10                                                                                   | 最大输出功率          | Max. output power                      | W                  | 510                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 584         |                    | 505         |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 11                                                                                   | 最大效率            | Max. efficiency                        | %                  | 88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | 88          |                    | 88          |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 12                                                                                   | 反电势常数           | Back-EMF constant                      | mV/rpm             | 0.486                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       | 0.71        |                    | 0.972       |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 13                                                                                   | 转矩常数            | Torque constant                        | mNm/A              | 4.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | 6.78        |                    | 9.281       |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 14                                                                                   | KV 值            | KV Value                               | rpm/V              | 2050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | 1400        |                    | 1025        |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 15                                                                                   | 转速 / 转矩斜率       | Speed/torque gradient                  | rpm/mNm            | 124                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       | 114         |                    | 125         |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 16                                                                                   | 转子惯量            | Rotor inertia                          | gcm <sup>2</sup>   | 1.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       | 1.49        |                    | 1.49        |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 17                                                                                   | 重量              | Weight                                 | g                  | 92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       | 92          |                    | 92          |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 热参数 / Thermal Data                                                                   |                 |                                        |                    | 特性曲线 / Characteristics Curve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 18                                                                                   | 热阻 (机壳 - 环境)    | Thermal resistance housing-ambient     | K/W                | 6.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 19                                                                                   | 热阻 (线圈 - 机壳)    | Thermal resistance winding-housing     | K/W                | 0.37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 20                                                                                   | 热时常数 (电机)       | Thermal time constant motor            | s                  | 885                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 21                                                                                   | 热时常数 (线圈)       | Thermal time constant winding          | s                  | 830                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 22                                                                                   | 工作温度范围          | Operating temperature range            | °C                 | -40~+120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 23                                                                                   | 绕组耐温等级          | Thermal class of winding               | °C                 | 155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 机械参数 / Mechanical Data                                                               |                 |                                        |                    | <div><div>BH2245NH2B01-492-24.0</div><div>— 转速 (N)    — 电流 (I)    - - - 效率 (η)<br/>— 功率 (P)</div></div> <div>仅供参考，详细了解请以产品规格书为准。<br/>For reference only, please refer to the product specification.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 24                                                                                   | 轴向间隙            | Axial play                             | mm                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  | 0.012                |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 25                                                                                   | 径向间隙            | Radial play                            | mm                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  | 0.008                |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 26                                                                                   | 动态轴向载荷          | Axial load dynamic                     | N                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  | 1.5                  |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 27                                                                                   | 静态轴向载荷          | Axial load static                      | N                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  | 60                   |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 28                                                                                   | 径向载荷 (距安装面 3mm) | Radial load at 3 mm from mounting face | N                  | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 其它参数 / Other Specifications                                                          |                 |                                        |                    | <div>端子定义 / Connection</div> <table><tr><td colspan="3">A 霍尔传感器 /hall sensor</td><td colspan="3">B 无传感器 /sensorless</td></tr><tr><td colspan="3">AWG 26/AWG 28</td><td colspan="3">AWG 26</td></tr><tr><td>Pin1</td><td>U</td><td>black</td><td>Pin1</td><td>U</td><td>red</td></tr><tr><td>Pin2</td><td>V</td><td>yellow</td><td>Pin2</td><td>V</td><td>white</td></tr><tr><td>Pin3</td><td>W</td><td>grey</td><td>Pin3</td><td>W</td><td>black</td></tr><tr><td>Pin4</td><td>+</td><td>red</td><td></td><td></td><td></td></tr><tr><td>Pin5</td><td>-</td><td>brown</td><td></td><td></td><td></td></tr><tr><td>Pin6</td><td>Hu</td><td>yellow</td><td></td><td></td><td></td></tr><tr><td>Pin7</td><td>Hv</td><td>blue</td><td></td><td></td><td></td></tr><tr><td>Pin8</td><td>Hw</td><td>purple</td><td></td><td></td><td></td></tr></table> |       |             |                    |             |  | A 霍尔传感器 /hall sensor |     |  | B 无传感器 /sensorless |  |  | AWG 26/AWG 28 |  |  | AWG 26 |  |  | Pin1 | U | black | Pin1 | U | red | Pin2 | V | yellow | Pin2 | V | white | Pin3 | W | grey | Pin3 | W | black | Pin4 | + | red |  |  |  | Pin5 | - | brown |  |  |  | Pin6 | Hu | yellow |  |  |  | Pin7 | Hv | blue |  |  |  | Pin8 | Hw | purple |  |  |  |
| A 霍尔传感器 /hall sensor                                                                 |                 |                                        | B 无传感器 /sensorless |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| AWG 26/AWG 28                                                                        |                 |                                        | AWG 26             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| Pin1                                                                                 | U               | black                                  | Pin1               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  | U                    | red |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| Pin2                                                                                 | V               | yellow                                 | Pin2               | V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | white |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| Pin3                                                                                 | W               | grey                                   | Pin3               | W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | black |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| Pin4                                                                                 | +               | red                                    |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| Pin5                                                                                 | -               | brown                                  |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| Pin6                                                                                 | Hu              | yellow                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| Pin7                                                                                 | Hv              | blue                                   |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| Pin8                                                                                 | Hw              | purple                                 |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 29                                                                                   | 极对数             | No. of pole pairs                      |                    | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 30                                                                                   | 滚珠轴承            | Ball bearings                          |                    | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 31                                                                                   | 换向结构            | Commutation structure                  |                    | hall sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 32                                                                                   | 防护等级            | Protection class                       |                    | IP40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 可选配置 / Options                                                                       |                 |                                        |                    | 端子定义 / Connection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 齿轮箱 Gearbox: 行星齿轮 planetary gearbox    性能 Special coils: 定制 customizable             |                 |                                        |                    | A 霍尔传感器 /hall sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |             | B 无传感器 /sensorless |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 蒸汽灭菌 Sterilization with steam: 温度 Temperature(134°C ±4°C)    湿度 Rel. humidity(100 %) |                 |                                        |                    | AWG 26/AWG 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |             | AWG 26             |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 压力 Compression pressure up to(2.3 bar)    循环长度 Cycle length(18 min)                  |                 |                                        |                    | Pin1 U black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |             | Pin1 U red         |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 灭菌周期 Sterilization cycles: 可定制 customizable upon request                             |                 |                                        |                    | Pin2 V yellow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |             | Pin2 V white       |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 编码器 Encoder/ 驱动器 Driver: 可定制 customizable upon request                               |                 |                                        |                    | Pin3 W grey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |             | Pin3 W black       |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 法兰 Flange: 标准前后法兰 standard front and rear flanges / 定制法兰 custom flanges              |                 |                                        |                    | Pin4 + red                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 轴 Shaft: 长度 length / 异形 shape                                                        |                 |                                        |                    | Pin5 - brown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 电气连接 Electrical connection: 端子或导线 connector or wire / 导线长度 lead wires length         |                 |                                        |                    | Pin6 Hu yellow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
|                                                                                      |                 |                                        |                    | Pin7 Hv blue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
|                                                                                      |                 |                                        |                    | Pin8 Hw purple                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |
| 外观图 /Outline Drawing                                                                 |                 |                                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |       |             |                    |             |  |                      |     |  |                    |  |  |               |  |  |        |  |  |      |   |       |      |   |     |      |   |        |      |   |       |      |   |      |      |   |       |      |   |     |  |  |  |      |   |       |  |  |  |      |    |        |  |  |  |      |    |      |  |  |  |      |    |        |  |  |  |