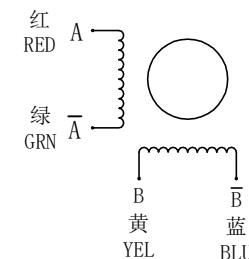


接线图/WIRING DIAGRAM



励磁顺序 (2相励磁) VS. 旋转方向  
EXCITING SEQUENCE (TWO PHASES)  
VS. DIRECTION OF ROTATION

| STEP | A | B | Ā | B̄ |       |
|------|---|---|----|----|-------|
| 1    | + | + | -  | -  | CCW ↑ |
| 2    | - | + | +  | -  |       |
| 3    | - | - | +  | +  | CW ↓  |
| 4    | + | - | -  | +  |       |

从安装面看为顺时针方向  
CLOCKWISE VIEW FROM MOUNTING SIDE

电气特性参数/ELECTRICAL PARAMETER

|                            |                           |                        |
|----------------------------|---------------------------|------------------------|
| 步距角/STEP ANGLE             | 1.8° ±5%                  | 备注/(NOTE):<br>减速比 1:10 |
| 相数/NO. OF PHASES           | 2                         |                        |
| 电压/RATED VOLTAGE           | 2.63 V                    |                        |
| 电流/RATED CURRENT           | 5.6 A                     |                        |
| 电阻/RESISTANCE              | 0.47 ohm±0.1 AT 20° C     |                        |
| 电感/INDUCTANCE              | 7.5 mH±20% AT 1kHz, 1Vrms |                        |
| 静转矩/HOLDING TORQUE         | 8.4 N.m以上/MIN.            |                        |
| 定位转矩/DETENT TORQUE         | 12.5 N.cm以下/Max           |                        |
| 转动惯量/ROTOR INERTIA         | 2900 g.cm <sup>2</sup>    |                        |
| 引出线规格/LEAD STYLE           | AWG18 UL1007              |                        |
| 绝缘等级/INSULATION CLASS      | CLASS B                   |                        |
| 绝缘耐压/DIELECTRIC STRENGTH   | 500V A.C 1分钟/MINUTE       |                        |
| 绝缘电阻/INSULATION RESISTANCE | 100 MΩ 以上/MIN.            |                        |

技术部  
2019.11.28  
张建伟

|                                  |  |  |  |                 |          |                                  |
|----------------------------------|--|--|--|-----------------|----------|----------------------------------|
| 设计/DESIGNED                      |  |  |  | Hahm 2019.11.26 | 型号/MODEL | WT86STH118-6004AG10              |
| 审核/CHECKED                       |  |  |  | ANDY 2019.11.26 | 编码/CODE  |                                  |
| 工艺/TECHNICS                      |  |  |  |                 |          |                                  |
| 批准/APPROVED                      |  |  |  |                 |          |                                  |
| 技术规格书<br>TECHNICAL SPECIFICATION |  |  |  |                 |          | 江苏万泰电机有限公司<br>www.wantmotor.com  |
| 版本/REV.                          |  |  |  |                 |          | 一般公差<br>TOLERANCE                |
| A 2019.11.26                     |  |  |  |                 |          | ±0.3/±0.3°                       |
| 初版                               |  |  |  |                 |          | 比例<br>SCALE                      |
| Hahm                             |  |  |  |                 |          | 1:1                              |
| 年月日                              |  |  |  |                 |          | 三视图<br>THIRD ANGLE<br>PROJECTION |
| 变更内容                             |  |  |  |                 |          | 单位<br>UNIT                       |
| REVISIONS                        |  |  |  |                 |          | mm                               |
| 变更编号                             |  |  |  |                 |          | 页<br>SHEET                       |
| ECN.                             |  |  |  |                 |          | 1/1                              |