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| 图号/DWG NO. | 57HT76-D0830-003 |
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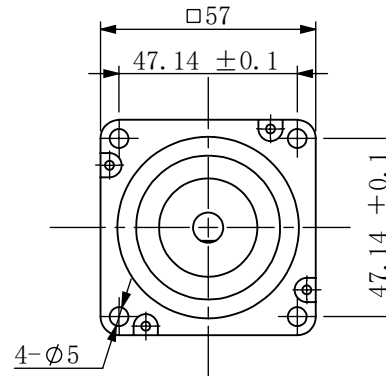
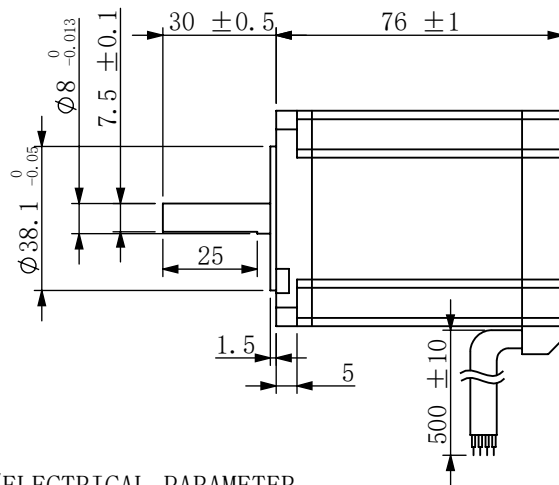


Diagram of a motor with four terminals:

- A+ (Red)
- A- (Blue)
- B+ (Green)
- B- (Black)

| | |
|---|---|
| 步 距 角/STEP ANGLE | 1.8° ±5% |
| 相 数/NO. OF PHASES | 2 |
| 额定电压/RATED VOLTAGE | 3.2V |
| 额定电流/RATED CURRENT | 5.0A |
| 电 阻/RESISTANCE | 0.64ohm±10% AT25℃ |
| 电 感/INDUCTANCE | 2.65mH±20% AT 1kHz, 1Vrms |
| 保持力矩/HOLDING TORQUE | 2.3N. m |
| 运行力矩/(AT —PPS) RUNNING TORQUE(AT —PPS) | ——以上/MIN (——V. DC, ——A/相(PHASE), ——相励磁/EX) |
| 绝缘耐压/DIELECTRIC STRENGTH | 500V A.C 1分钟/MINUTE |
| 绝缘电阻/INSULATION RESISTANCE | 100MΩ 以上/MIN. |
| 绝缘等级/INSULATION CLASS | CLASS B |
| 温度上升/TEMPERATURE RISE | 80K MAX. |
| 转子惯量/ROTOR INERTIA | 460g. cm ² |
| 重 量/WEIGHT | 约/APPROX. 1032克/g |
| 允许轴向负载/ALLOWABLE THRUST LOAD | 5N |
| 允许径向负载/ALLOWABLE RADIAL LOAD | 25N(轴端/ON THE SHAFT END) |
| 运行环境温度/OPERATION AMBIENT TEMP. | -20℃——+50℃ |
| 运行环境湿度/OPERATION AMBIENT HUM. | 15%——90% |
| 寿 命/LIFE | 5000小时/HOURS |

1. 额定电流, 两相同时通电/AT RATED CURRENT, TWO PHASES ON.
2. 热阻法: 电机安装在84*84*T5的铝板上, 电机线圈两端通额定电压, 0PPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 84*84*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE, 0PPS, 2PHASE ON.
3. 寿命测试条件: 整步, 运行速度为500PPS, 轴承的表面温度不超过70° C
LIFE TEST CONDITION: 2PHASE EXCITING, FULL STEP, AT 500PPS. STARTING PULSE, BEARING TEMPERATURE SHOULD BE 70° C MAX.

| | STEP | A+ | B+ | A- | B- |
|---------|------|----|----|----|----|
| CW ↓ | 1 | + | + | - | - |
| | 2 | - | + | + | - |
| | 3 | - | - | + | + |
| | 4 | + | - | - | + |

↑
CCW

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

已受控

| | | | | | | | | | | |
|--|--|-----------------------------------|------------|---------------|-----------------|----------------------------|----------------------------------|------------|------|---|
| CONFIRMED&ACCEPTED BY CUTOMER (客户确认&接受) | | | | | | | | | | |
| | | COMPANY CHOP&SIGNATURE (盖章&签名) | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 一般公差 TOLERANCE | | ± 0.3/± 3° | 版本 REV. | 年 月 日 DATE | 变更番号 ECR NO. | 变 更 内 容 REVISIONS | 设计 BY | 备注 NOTE | REV. | A |
| 设计/DESIGNED | | | | 比例 SCALE | | 型 号/MODEL 57AM23-30 | 三维图 THIRD ANGLE PROJECTION | | | |
| | | | | 单位 UNIT | mm | | | | | |
| 审核/CHECKED | | | | 深圳锐特机电技术有限公司 | | | | 页 SHEET | 1/1 | |