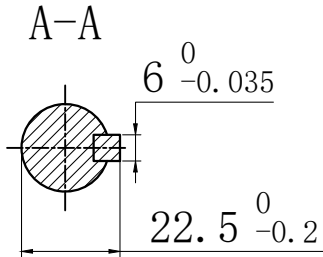
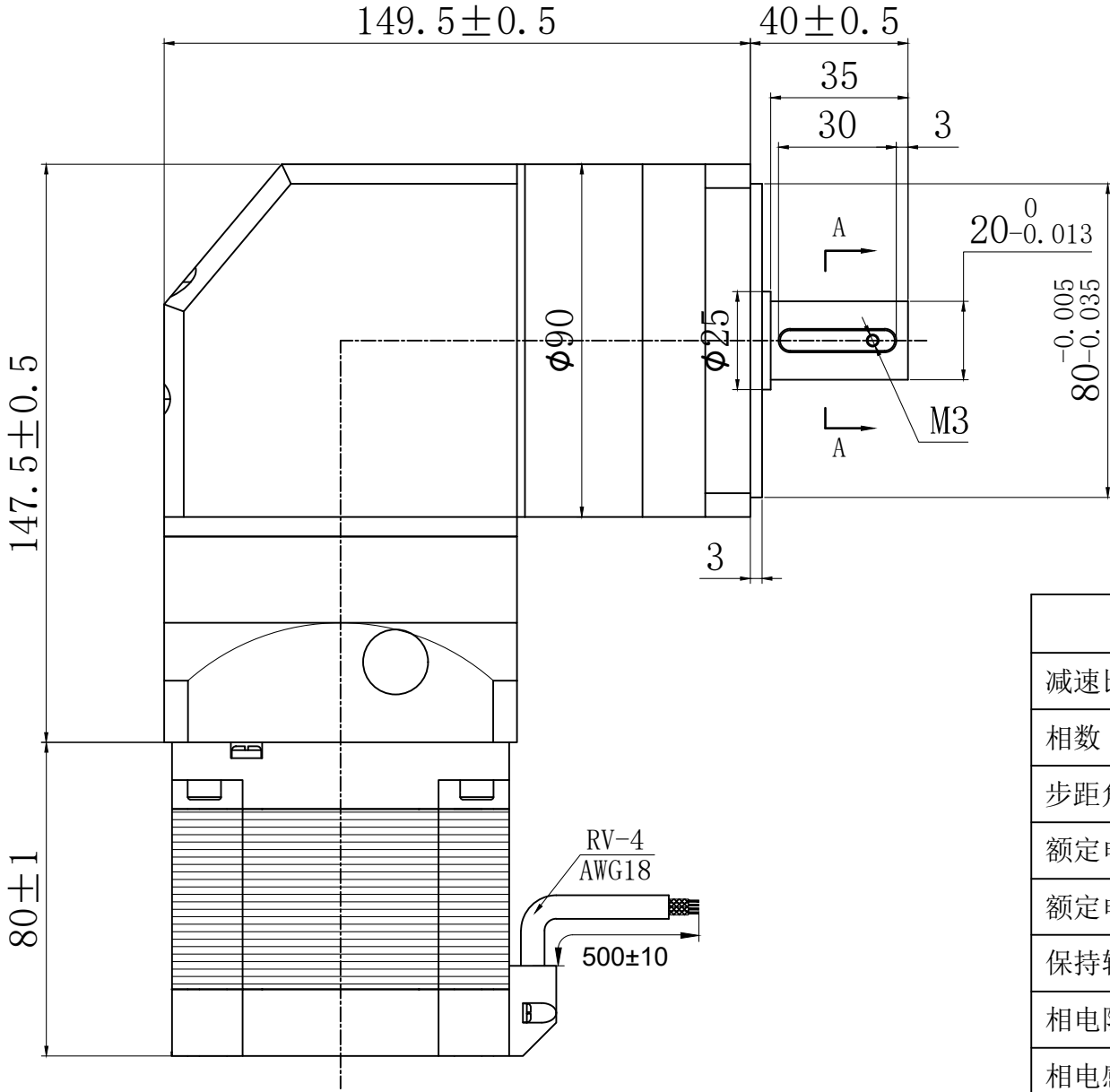
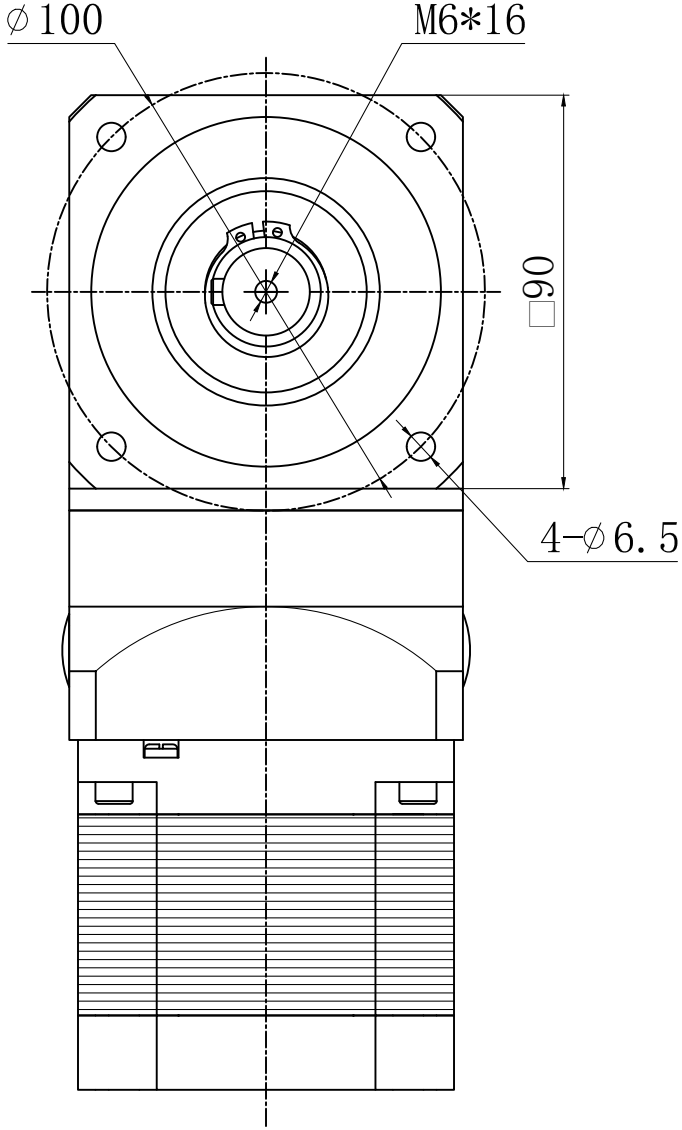


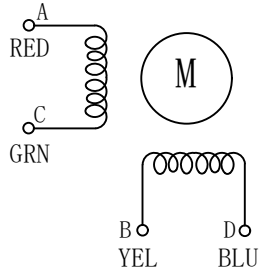
86HS2401-90PZS4JM-500

| 版本<br>(Versions) | 修改内容 (Description) | 标记<br>(REV) | 日期<br>(Date) |
|------------------|--------------------|-------------|--------------|
| A0               | 首次发布               | *           | 2026. 5. 29  |
|                  | 技术部                |             |              |



| character 特性 |                    | specifications 规格 |
|--------------|--------------------|-------------------|
| 减速比          | Ratio              | 4:1               |
| 相数           | Mumber of phase    | 2                 |
| 步距角          | Step Angle         | 1.8°              |
| 额定电压         | Rated Voltage      | DC 1.76V          |
| 额定电流         | Rated current      | DC 4.4A           |
| 保持转矩         | Holding Torque     | ≥ 4500mN.m        |
| 相电阻          | Winding resistance | 0.4±10% ohm(20℃)  |
| 相电感          | Winding inductaoce | 3.2±20% mH（1kHz）  |
| 转动惯量         | Rotor Inertia      | 1400 g.cm²        |
| 电机重量         | Weight             | 6.5 Kg            |
| 绝缘等级         | Insulation class   | B Class           |

电气原理图  
winding drawing



励磁顺序vs. 旋转方向  
Exciting Sequence vs.  
Direction of Rotation

| STEP | A | B | C | D |
|------|---|---|---|---|
| 1    | + | + | - | - |
| 2    | - | + | + | - |
| 3    | - | - | + | + |
| 4    | + | - | - | + |

CCW 

从安装面看为顺时针方向  
Clockwise view from mounting side

UNLESS OTHERWISE SPECIFIED, REMOVE ALL BURRS.  
BREAK SHARP EDGES 0.5mmMAX.  
未注倒角最大0.5mm。

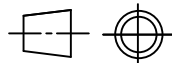
DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES AS BELOW:  
尺寸单位为毫米(mm). 未注公差按以下标准:

|           |       |        |
|-----------|-------|--------|
| DECIMALS: | X     | ±0.38  |
| DECIMALS: | X.X   | ±0.25  |
| DECIMALS: | X.XX  | ±0.13  |
| DECIMALS: | X.XXX | ±0.013 |
| ANGLES:   |       | ±2°    |

|               |     |              |     |                |  |
|---------------|-----|--------------|-----|----------------|--|
| 批准 Approved   |     |              |     |                |  |
| 工艺 Technology |     |              |     |                |  |
| 审核 Checked    |     |              |     |                |  |
| 设计 Inspectde  |     |              |     |                |  |
| 名称 Names      |     | 签名 Signature |     | 日期 Date        |  |
| 单位<br>unit    | mm  | 版本<br>rev    | A0  | 客户<br>Customer |  |
| 页数<br>sheet   | 1/1 | 比例<br>scale  | 1:1 | 视图<br>view     |  |



重庆优摩特科技有限公司  
Chongqing UMot technology Co.Ltd.



物料编号  
Item No

型号  
Model

86HS2401-90PZS4JM-500