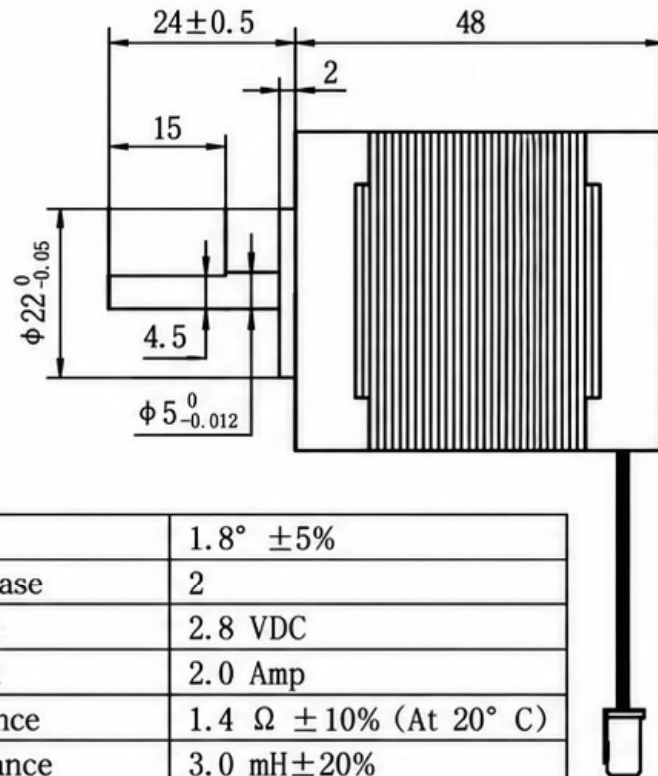


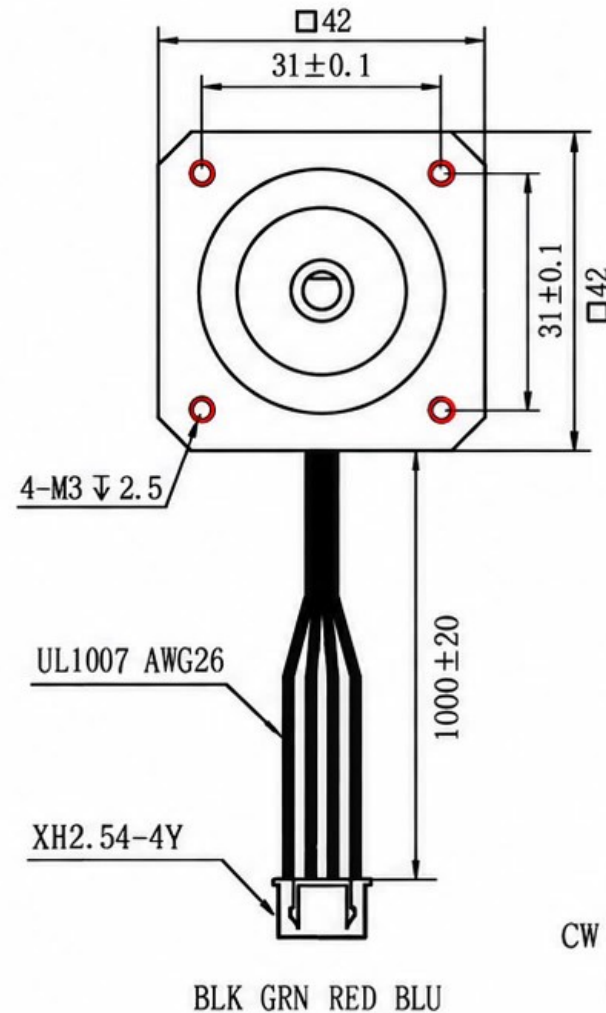
# OYOSTEPPER

The output shaft size can be customized

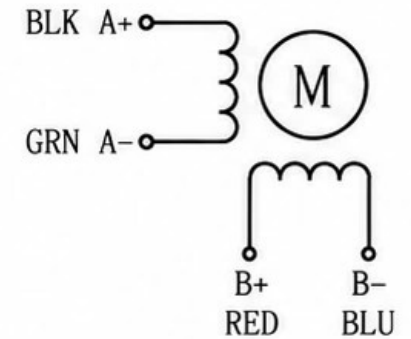
## Dimensional drawing



|                          |                       |
|--------------------------|-----------------------|
| 1. Step angle            | 1.8° ±5%              |
| 2. Number of phase       | 2                     |
| 3. Phase voltage         | 2.8 VDC               |
| 4. Phase current         | 2.0 Amp               |
| 5. Phase resistance      | 1.4 Ω ±10% (At 20° C) |
| 6. Phase inductance      | 3.0 mH±20%            |
| 7. Static moment         | 0.59 N.m              |
| 8. Insulation class      | Class B               |
| 9. Insulation resistance | 100MΩ min. (500V DC)  |
| 10. Ambient temperature  | -20° ~+50°            |
| 11. Ambient hum          | 15% to 95%            |
| 12. Motor weight         | Approx 0.4 Kg         |
| 13. Use voltage          | VDC:12-36V            |
| 14. Recommended drive    | OK2DM020A             |



## Wiring Diagram



Excitation sequence and direction of clockwise

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

seen from the mounting surface it is clockwise

|            |  |      |    |            |         |                   |
|------------|--|------|----|------------|---------|-------------------|
| Technology |  | Unit | mm | OYOSTEPPER | Drawing | OK42STH47-204A1XH |
| Design     |  |      |    |            |         |                   |