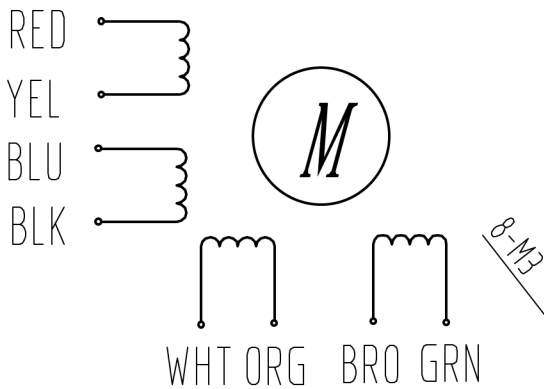


HIGH TORQUE HYBRID STEPPING MOTOR SPECIFICATIONS

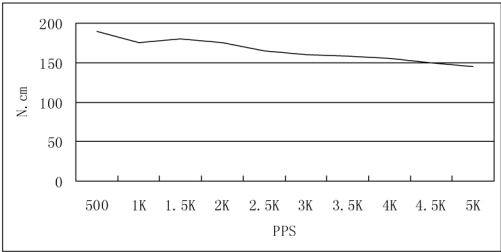
| Part No | Connection Type | Phase | Degree | Voltage V | Current A | Resistance Ohm | Inductance mH | Holding Torque Nm | Rotor Inertia g.cm ² | Weight KG |
|------------------|-----------------|-------|--------|-----------|-----------|----------------|---------------|-------------------|---------------------------------|-----------|
| SY60STH86-3008BF | Unipolar | 4 | 1.8 | 3.9 | 3 | 1.3 | 3.2 | 2.15 | 840 | 1.4 |
| | Bipolar(S) | 2 | | 5.46 | 2.1 | 2.6 | 12.8 | 3 | | |
| | Bipolar(P) | 2 | | 2.73 | 4.2 | 0.65 | 3.2 | 3 | | |

● Wiring Diagram :

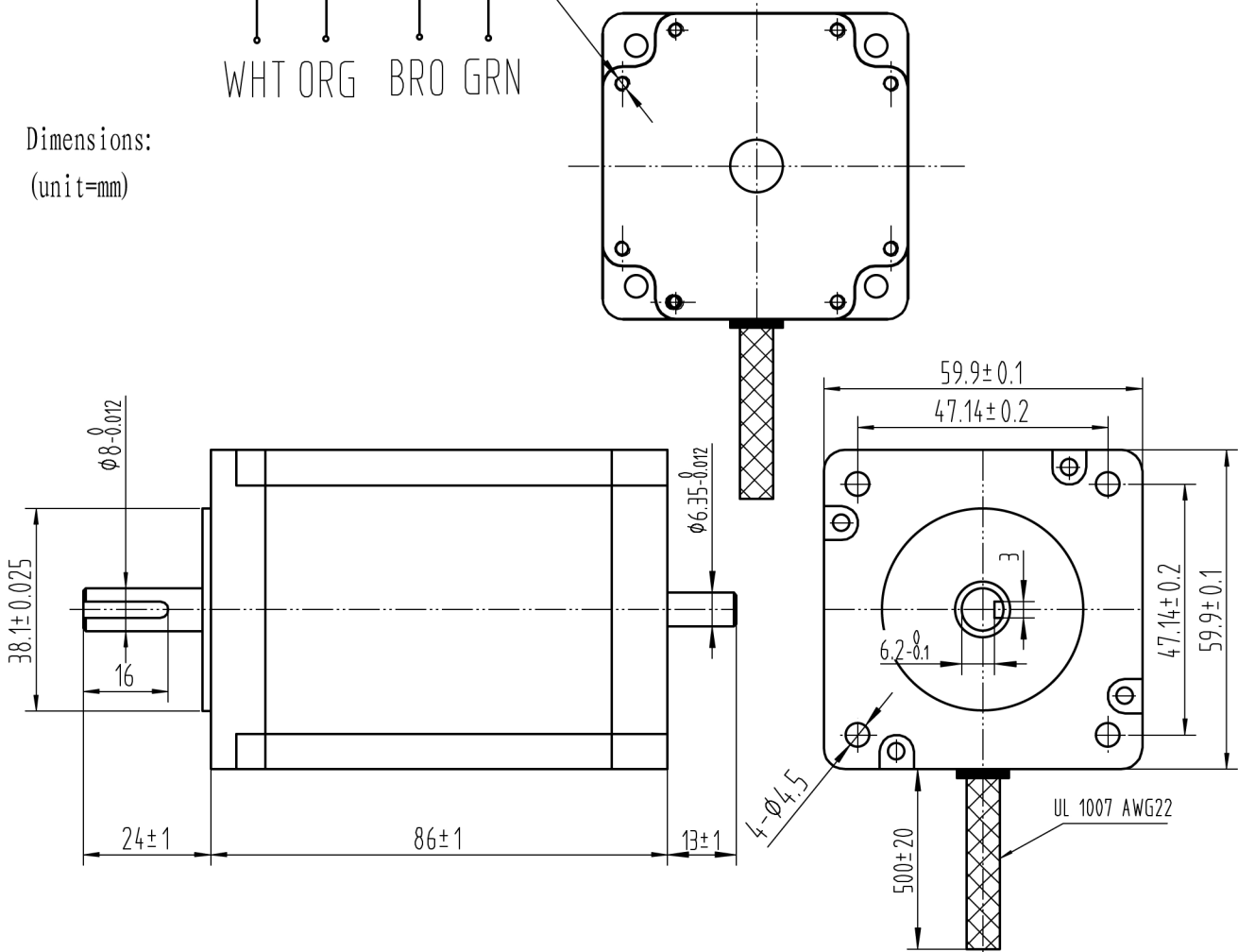


● Pull out torque curve :

VOLTAGE: 60VDC, CONSTANT CURRENT: 4.2A, HALF STEP



● Dimensions:
(unit=mm)



| | | | | | | |
|---------|----------------------|-------------|----|------|---|----------------------|
| | | | | | SY60STH86-3008B | TECHNICAL CONDITIONS |
| | | | | | | |
| REV | REVISIONS | DESCRIPTION | BY | DATE | | |
| DRAW | lutanghui 2015-02-27 | | | | CHANGZHOU SONGYANG MACHINERY & ELECTRONICS NEW TECHNIC INSTITUTE | 101086017 |
| CHECK | | | | | | |
| APPROVE | | | | | | |