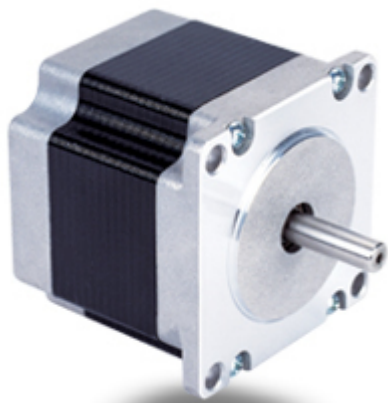
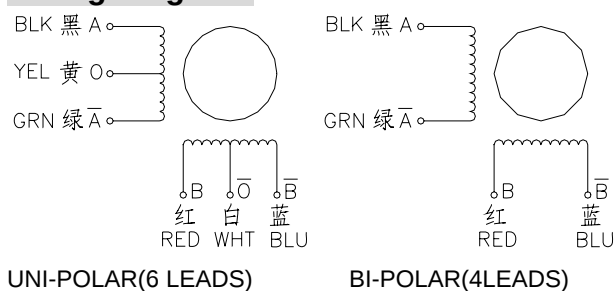


# 2 Phase Hybrid Stepper Motor

## 23H2M/K series-Size 57mm(0.9 degree)



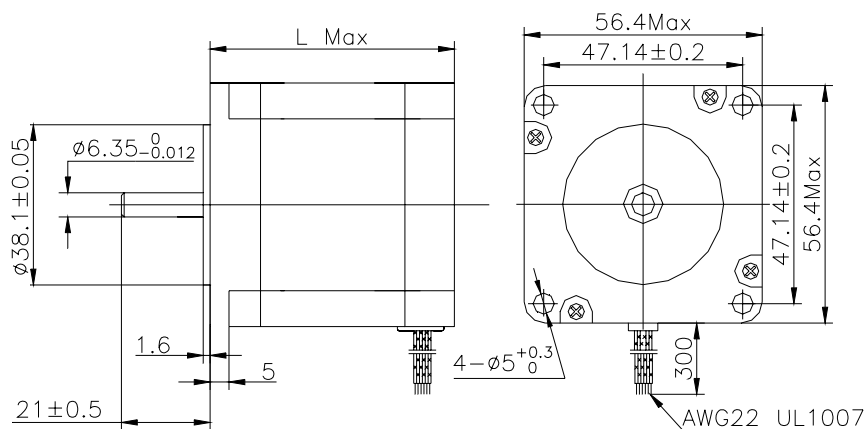
### Wiring Diagram:



### Electrical Specifications:

| Series Model | Old P/N  | Motor Length (mm) | Rated Current (A) | Phase Resistance (ohm) | Phase Inductance (mH) | Holding Torque (N.cm Min) | Detent Torque (N.cm Max) | Rotor Inertia (g.cm <sup>2</sup> ) | Lead Wire (No.) | Motor Weight (g) |
|--------------|----------|-------------------|-------------------|------------------------|-----------------------|---------------------------|--------------------------|------------------------------------|-----------------|------------------|
| 23H2M0610    | 23HM0601 | 41                | 1.0               | 5.2                    | 6.2                   | 24                        | 2.5                      | 150                                | 6               | 470              |
| 23H2M0406    | 23HM0405 | 41                | 0.62              | 12                     | 28                    | 32                        | 2.5                      | 150                                | 4               | 470              |
| 23H2M0420    | 23HM0408 | 41                | 2.0               | 1.2                    | 3.0                   | 32                        | 2.5                      | 150                                | 4               | 470              |
| 23H2M4425    | 23HM4425 | 45                | 2.5               | 1.0                    | 3.0                   | 62                        | 2.8                      | 190                                | 4               | 520              |
| 23H2M5406    | 23HM5406 | 51                | 0.62              | 13                     | 34                    | 70                        | 3.0                      | 230                                | 4               | 590              |
| 23H2M5425    | 23HM5425 | 51                | 2.5               | 1.2                    | 3.8                   | 70                        | 3.0                      | 230                                | 4               | 590              |
| 23H2M6615    | 23HM6602 | 56                | 1.5               | 3.2                    | 6.2                   | 82                        | 3.5                      | 280                                | 6               | 680              |
| 23H2M6425    | 23HM6403 | 56                | 2.5               | 1.3                    | 5.2                   | 100                       | 3.5                      | 280                                | 4               | 680              |
| 23H2M6430    | 23HM6430 | 56                | 3.0               | 0.8                    | 2.8                   | 100                       | 3.5                      | 280                                | 4               | 680              |
| 23H2M6442    | 23HM6404 | 56                | 4.2               | 0.4                    | 1.5                   | 100                       | 3.5                      | 280                                | 4               | 680              |
| 23H2M7410    | 23HM7401 | 64                | 1.0               | 7.5                    | 28                    | 110                       | 5.0                      | 380                                | 4               | 850              |
| 23H2M7425    | 23HM7425 | 64                | 2.5               | 1.5                    | 5.8                   | 110                       | 5.0                      | 380                                | 4               | 850              |
| 23H2M7430    | 23HM7430 | 64                | 3.0               | 0.8                    | 3.0                   | 110                       | 5.0                      | 380                                | 4               | 850              |
| 23H2M7442    | 23HM7404 | 64                | 4.2               | 0.55                   | 1.5                   | 110                       | 5.0                      | 380                                | 4               | 850              |
| 23H2M8615    | 23HM8603 | 76                | 1.5               | 4.2                    | 11                    | 125                       | 6.0                      | 440                                | 6               | 1050             |
| 23H2M8425    | 23HM8425 | 76                | 2.5               | 1.8                    | 8.2                   | 150                       | 6.0                      | 440                                | 4               | 1050             |
| 23H2M8430    | 23HM8430 | 76                | 3.0               | 1.0                    | 4.3                   | 150                       | 6.0                      | 440                                | 4               | 1050             |
| 23H2M8442    | 23HM8404 | 76                | 4.2               | 0.65                   | 2.2                   | 150                       | 6.0                      | 440                                | 4               | 1050             |

**\*Note:** We can manufacture products according to customer's requirements.

**Dimensions: unit=mm**

**Motor Length:**

| Model     | Length |
|-----------|--------|
| 23H2M0XXX | 41 mm  |
| 23H2M4XXX | 45 mm  |
| 23H2M5XXX | 51 mm  |
| 23H2M6XXX | 56 mm  |
| 23H2M7XXX | 64 mm  |
| 23H2M8XXX | 76 mm  |