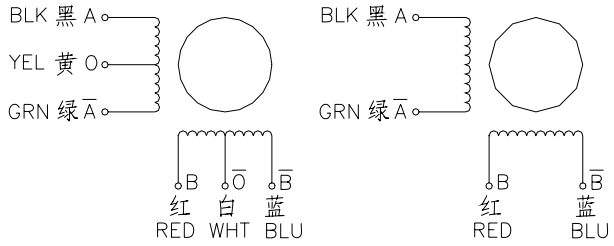
# 2 Phase Hybrid Stepper Motor
# 17HS series-Size 42mm(1.8 degree)

## Wiring Diagram:



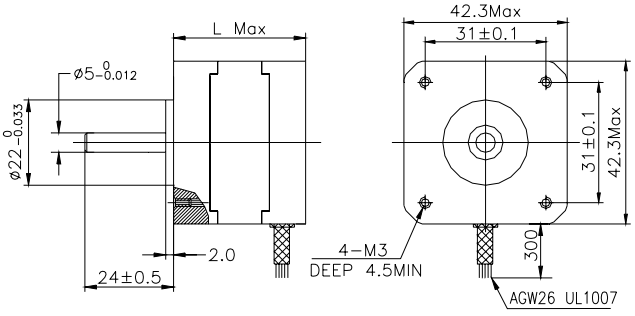

UNI-POLAR(6 LEADS)  BI-POLAR(4LEADS)

## Electrical Specifications:

| Series Model | Step Angle (deg) | 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.cm²) | Lead Wire (No.) | Motor Weight (g) |
|---|---|---|---|---|---|---|---|---|---|---|
| **17HS2408** | 1.8 | 28 | 0.6 | 8 | 10 | 12 | 1.6 | 34 | 4 | 150 |
| **17HS3401** | 1.8 | 34 | 1.3 | 2.4 | 2.8 | 28 | 1.6 | 34 | 4 | 220 |
| **17HS3410** | 1.8 | 34 | 1.7 | 1.2 | 1.8 | 28 | 1.6 | 34 | 4 | 220 |
| **17HS3430** | 1.8 | 34 | 0.4 | 30 | 35 | 28 | 1.6 | 34 | 4 | 220 |
| **17HS3630** | 1.8 | 34 | 0.4 | 30 | 18 | 21 | 1.6 | 34 | 6 | 220 |
| **17HS3616** | 1.8 | 34 | 0.16 | 75 | 40 | 14 | 1.6 | 34 | 6 | 220 |
| **17HS4401** | 1.8 | 40 | 1.7 | 1.5 | 2.8 | 40 | 2.2 | 54 | 4 | 280 |
| **17HS4402** | 1.8 | 40 | 1.3 | 2.5 | 5.0 | 40 | 2.2 | 54 | 4 | 280 |
| **17HS4602** | 1.8 | 40 | 1.2 | 3.2 | 2.8 | 28 | 2.2 | 54 | 6 | 280 |
| **17HS4630** | 1.8 | 40 | 0.4 | 30 | 28 | 28 | 2.2 | 54 | 6 | 280 |
| **17HS8401** | 1.8 | 48 | 1.7 | 1.8 | 3.2 | 52 | 2.6 | 68 | 4 | 350 |
| **17HS8402** | 1.8 | 48 | 1.3 | 3.2 | 5.5 | 52 | 2.6 | 68 | 4 | 350 |
| **17HS8403** | 1.8 | 48 | 2.3 | 1.2 | 1.6 | 46 | 2.6 | 68 | 4 | 350 |
| **17HS8630** | 1.8 | 48 | 0.4 | 30 | 38 | 34 | 2.6 | 68 | 6 | 350 |

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

## Dimensions: unit=mm




## Motor Length:

| Model | Length |
|---|---|
| 17HS2XXX | 28 mm |
| 17HS3XXX | 34 mm |
| 16HS4XXX | 40 mm |
| 16HS8XXX | 48 mm |