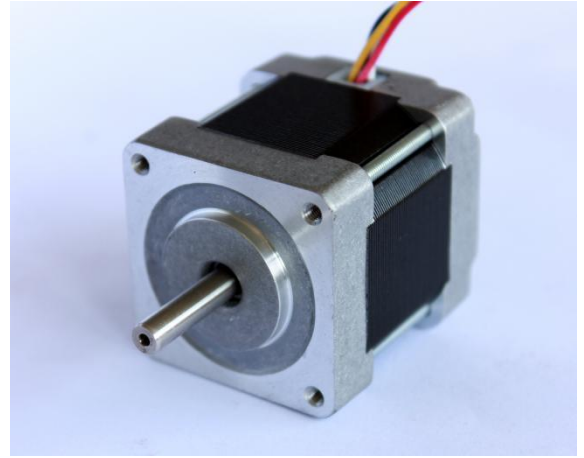


1.8° Nema 16 (Size 39 mm) Hybrid Motors

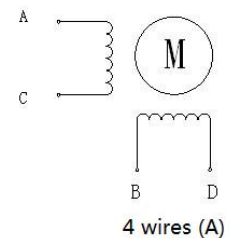
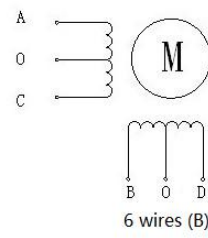
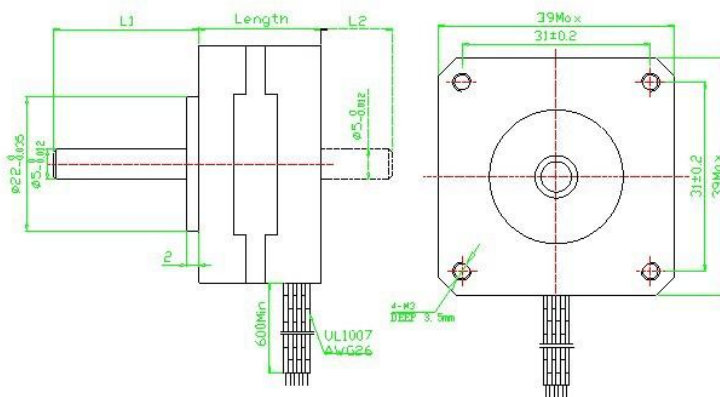
• **General Specification for Hybrid Step Motors**

| Item | Specifications |
|-----------------------|--------------------------|
| Step Angle Accuracy | ±5% (full step, no load) |
| Resistance Accuracy | ±10% |
| Inductance Accuracy | ±20% |
| Temperature Rise | 80°C Max |
| Ambient Temperature | -20°C~+50°C |
| Insulation Resistance | 100MΩ.,500VDC |
| Dielectric Strength | 500VAC for one minute |
| Shaft Radial Play | 0.02Max(450g-load) |
| Shaft Axial Play | 0.08Max(450g-load) |
| Insulation Class | Class B |



Motor Specification

| Model No. | | Rated Voltage | Current | Inductance | Resistance | Holding Torque | | Weight | No. of leads | Rotor Inertia | Length |
|---------------|---------------|---------------|---------|------------|------------|----------------|-------|--------|--------------|---------------|--------|
| Signal shaft | Double Shaft | V | A | mh | Ω | Oz-in | Kg-cm | kg | | g-cm2 | mm |
| CS39H20-0404A | CS39H20-0404B | 2.72 | 0.4 | 8.2 | 6.8 | 11 | 0.8 | 0.125 | 4 | 11 | 20 |
| CS39H26-0504A | CS39H26-0504B | 7 | 0.5 | 16 | 14 | 18 | 1.3 | 0.16 | 4 | 14 | 26 |
| CS39H34-0166A | CS39H34-0166B | 12 | 0.16 | 50 | 75 | 15 | 1.1 | 0.2 | 6 | 20 | 34 |
| CS39H34-0404A | CS39H34-0404B | 12 | 0.4 | 40 | 30 | 32 | 2.3 | 0.18 | 4 | 20 | 34 |
| CS39H38-0504A | CS39H38-0504B | 12 | 0.5 | 45 | 24 | 40 | 2.9 | 0.2 | 4 | 42 | 38 |



Note: L1 and L2 can be customized

The motors are qualified with the CE certificate and ISO9001
 The motors can be designed according to the customers requirement