

2-Phase Hybrid Stepping Motor

1.8°

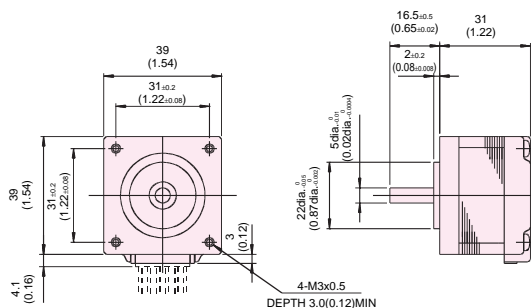
KH39 series 800 type

HIGH TORQUE, LOW VIBRATION AND LOW NOISE

STANDARD SPECIFICATIONS

| MODEL | UNIT | KH39GM2 | |
|-----------------------|----------------------|---|------------|
| | | -801 | -851 |
| DRIVE METHOD | ———— | UNI-POLAR | (BI-POLAR) |
| NUMBER OF PHASES | ———— | 2 | 2 |
| STEP ANGLE | deg./step | 1.8 | 1.8 |
| VOLTAGE | V | 6.4 | 4.6 |
| CURRENT | A/PHASE | 0.47 | 0.65 |
| RESISTANCE | Ω/PHASE | 13.6 | 7.0 |
| INDUCTANCE | mH/PHASE | 9.8 | 9.8 |
| HOLDING TORQUE | mN • m | 127 | 157 |
| | oz • in | 18 | 22 |
| DETENT TORQUE | mN • m | 11.8 | 11.8 |
| | oz • in | 1.7 | 1.7 |
| ROTOR INERTIA | g • cm ² | 27 | 27 |
| | oz • in ² | 0.15 | 0.15 |
| WEIGHT | g | 240 | 240 |
| | lb | 0.53 | 0.53 |
| INSULATION CLASS | ———— | E EQUIVALENT (120°C 248°F) (UL VALUE : CLASS B-130°C) | |
| INSULATION RESISTANCE | ———— | 500VDC 100MΩmin. | |
| DIELECTRIC STRENGTH | ———— | 500VAC 50HZ 1min. | |
| OPERATING TEMP.RANGE | °C | 0 to 50 | |
| ALLOWABLE TEMP.RISE | deg. | 70 | |

DIMENSIONS unit = mm (inch)

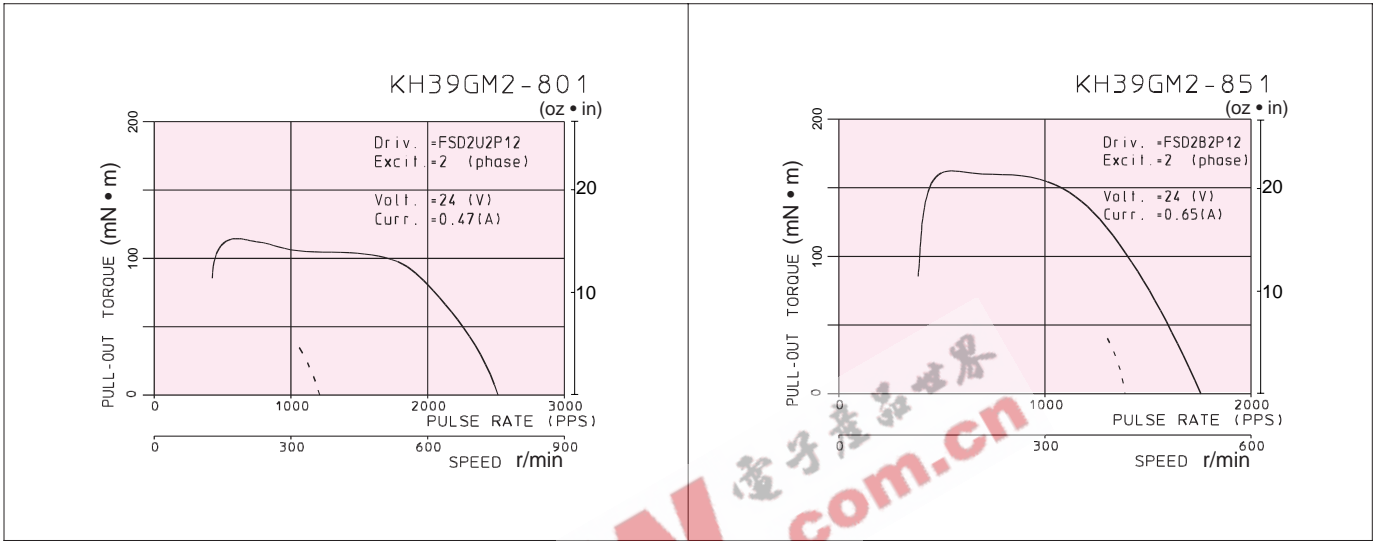




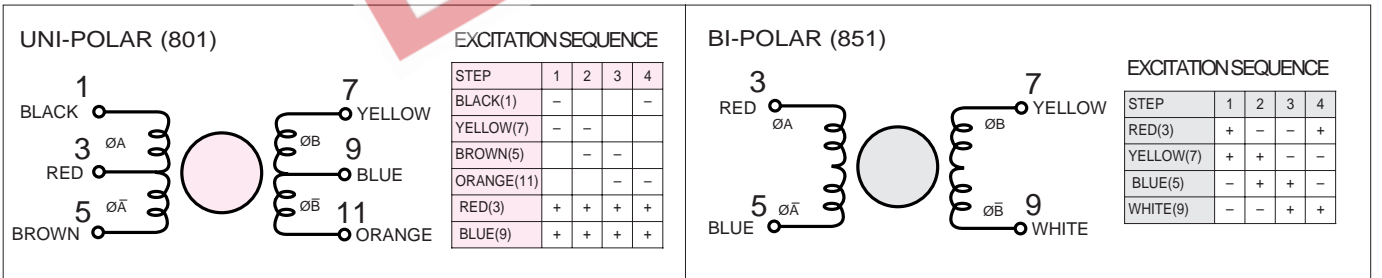
Features

1. High torque
Output is 1.3 times as high as conventional products.
2. Low noise -7dB(A) quieter than conventional products.

■ TORQUE CHARACTERISTICS vs. PULSE RATE



■ CONNECTION DIAGRAMS



■ CONNECTION CABLE TO MOTOR unit = mm (inch)

