

3-Phase Hybrid Stepping Motor

0.6°

KT60 series *TRISYN*

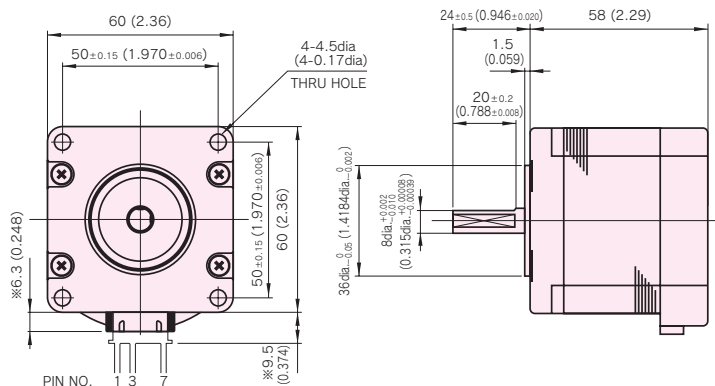
HIGH TORQUE, SILENT ROTATION

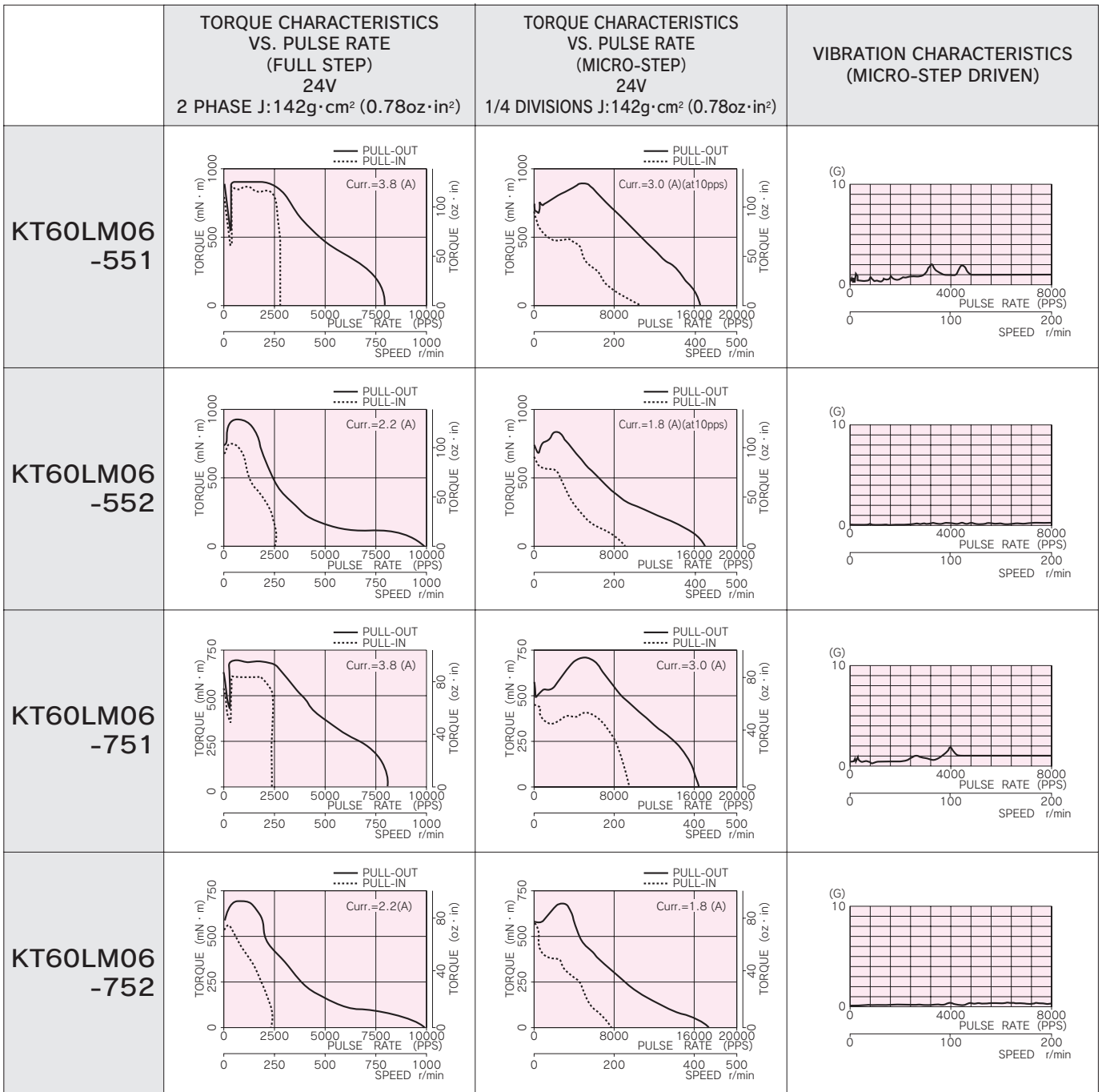
STANDARD SPECIFICATIONS

| MODEL | UNIT | KT60LM06 | | | |
|-----------------------|----------------------|-------------------|------|------|------|
| | | -551 | -552 | -751 | -752 |
| DRIVE METHOD | ———— | BI-POLAR | | | |
| NUMBER OF PHASES | ———— | 3 | | | |
| STEP ANGLE | deg./step | 0.6 | | | |
| VOLTAGE | V | 2.77 | 4.84 | 2.77 | 4.84 |
| CURRENT | A/2-PHASE | 3.8 | 2.2 | 3.8 | 2.2 |
| WINDING RESISTANCE | Ω/2-PHASE | 0.73 | 2.2 | 0.73 | 2.2 |
| INDUCTANCE | mH/2-PHASE | 1.7 | 5.6 | 1.8 | 5.7 |
| HOLDING TORQUE | mN · m | 785 | 785 | 589 | 589 |
| | oz · in | 111 | 111 | 83 | 83 |
| DETENT TORQUE | mN · m | 25 | 25 | 15 | 15 |
| | oz · in | 3.5 | 3.5 | 2.1 | 2.1 |
| ROTOR INERTIA | g · cm ² | 265 | 265 | 265 | 265 |
| | oz · in ² | 1.45 | 1.45 | 1.45 | 1.45 |
| WEIGHTS | g | 720 | 720 | 720 | 720 |
| | lb | 1.6 | 1.6 | 1.6 | 1.6 |
| INSULATION RESISTANCE | ———— | 500VDC 100MΩmin. | | | |
| DIELECTRIC STRENGTH | ———— | 500VAC 50HZ 1min. | | | |
| OPERATING TEMP. RANGE | °C | 0 to 50 | | | |
| ALLOWABLE TEMP. RISE | K | 70 | | | |



DIMENSIONS unit = mm (inch)





■ CONNECTION CABLE TO MOTOR unit = mm (inch)

