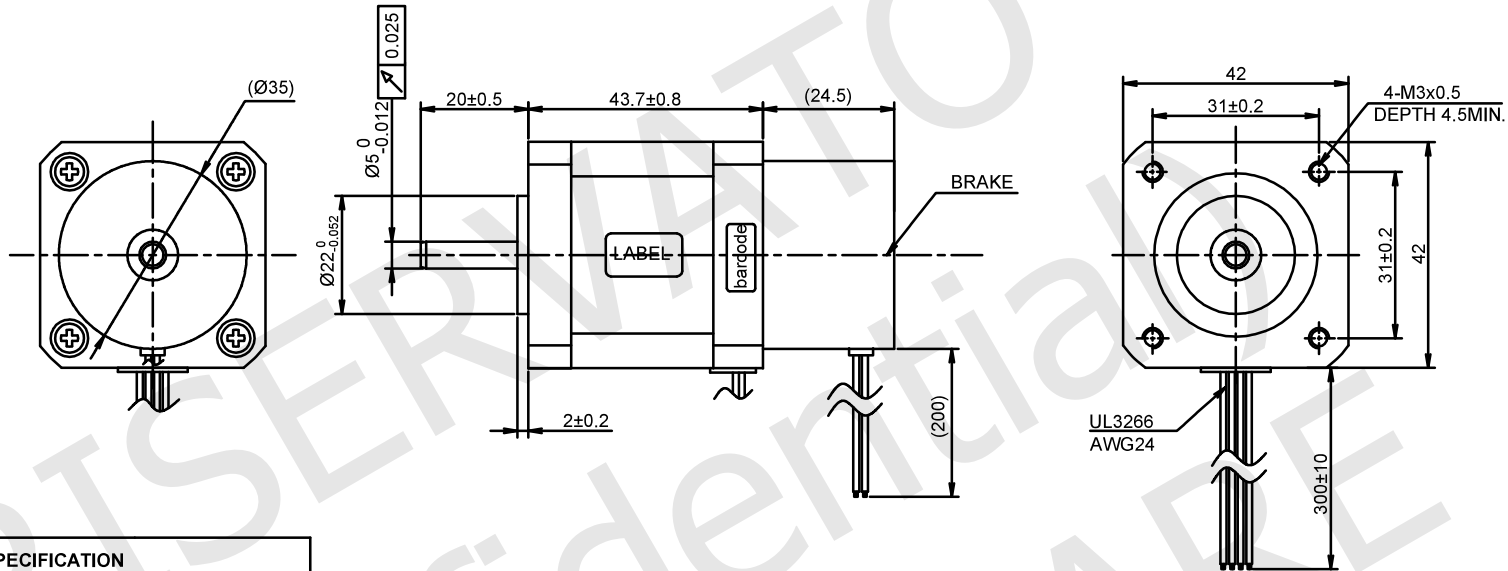


RoHS



BRAKE SPECIFICATION

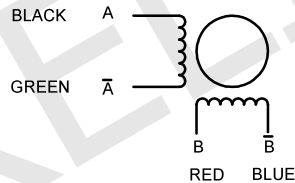
| | |
|------------------------|-----------|
| BRAKE MODEL | CDC-S040B |
| STATIC FRICTION TORQUE | 0.3N.m |
| RATED VOTAGE | DC 24V |
| RATED POWER | 6 W |

MOTOR SPECIFICATIONS

| | |
|---------------------|-----------------------------|
| STEP ANGLE | 1.8° ±5% |
| RATED CURRENT | 1.70 Amps/Ph |
| HOLDING TORQUE | 0.45 Nm Min. |
| RESISTANCE | 3.00 ohm ±10% at 25°C |
| INDUCTANCE | 7.20 mH ±20% at 1kHz, 1Vrms |
| ROTOR INERTIA | 69 g.cm ² |
| INSULATION CLASS | Class B, 130°C |
| DIELECTRIC STRENGTH | 500 Vac 1 minute |

| | |
|-----------------------|---------------------------|
| IP CODE | IP40 |
| PULL OUT TORQUE | --- |
| BACK EMF | --- |
| DETENT TORQUE | --- |
| WEIGHT | 310 g. approx |
| TEMPERATURE RISE | 80K Max. |
| OPERATING TEMPERATURE | -20°C ~ +40°C |
| STORAGE TEMPERATURE | -20°C ~ +70°C |
| SHAFT AXIAL LOAD | 10 N |
| SHAFT RADIAL LOAD | 21 N (ON FRONT SHAFT END) |

WIRING DIAGRAM

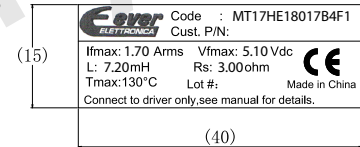


EXCITING SEQUENCE(TWO PHASES) VS.DIRECTION OF ROTATION

| STEP | A | B | Ā | B̄ |
|------|---|---|----|----|
| 1 | + | + | - | - |
| 2 | - | + | + | - |
| 3 | - | - | + | + |
| 4 | + | - | - | + |

CLOCK WISE VIEW FROM MOUNTING SIDE

LABELS



YYWWXXXXX (25 x 8)
Stator barcode label

UNIT: mm
UNLESS OTHERWISE SPECIFIED TOLERANCES
DIMENSIONS : ±0.3 mm DEGREES : ±5%
ORTHOGRAPHIC PROJECTION

| | |
|----------|----------------|
| DESIGN | Stm01162-01a |
| CHECK | |
| APPROVED | |
| DATE | 27 / 07 / 2022 |

MT17HE18017B4F1
STEPPING MOTOR SPECIFICATION



www.everelettronica.it

REV

01a - First release.

DRAWING NOT TO SCALE