



RS NUMBER: 1805282
 RS NUMBER: 1805283
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Characteristics

STEP ANGLE
 1,8°

STEP ANGLE ACCURACY
 ± 5%

INSULATION CLASS
 B

AMBIENT TEMPERATURE
 -20°C +50°C

TEMP. RISE
 80°C MAX (RATED CURRENT, 2 PHASE ON)

INSULATION RESISTANCE
 100 M OHM MIN. 500 VDC

DIELECTRIC STRENGTH
 500 VAC FOR ONE MINUTE

SHAFT RADIAL PLAY
 0,02 MAX (450 G LOAD)

SHAFT AXIAL PLAY
 0,08 MAX. (450 G LOAD)

MAX RADIAL FORCE
 75 N (20 MM FROM FRONT FLANGE)

MAX AXIAL FORCE
 15 N

Connection

| LEAD N° | COLOR | GAUGE | FUNCTION |
|-----------------------|--------|--------------|-------------|
| 1 | BLACK | UL1430 AWG22 | PHASE A |
| 2 | GREEN | UL1430 AWG22 | PHASE A- |
| 3 | RED | UL1430 AWG22 | PHASE B |
| 4 | BLUE | UL1430 AWG22 | PHASE B- |
| UNIPOLAR MOTOR | | | |
| 5 | YELLOW | UL1430 AWG22 | COM PHASE A |
| 6 | WHITE | UL1430 AWG22 | COM PHASE B |

Specification

| Model | RS n° | 1805282 | 1805283 | 1805284 |
|--------------------|-------------------|---------|---------|---------|
| 1 RATED VOLTAGE | V | 6 | 12 | 2,38 |
| 2 CURRENT/PHASE | A | 0,85 | 0,42 | 2,8 |
| 3 RESISTANCE/PHASE | Ω | 7,1 | 29 | 0,85 |
| 4 INDUCTANCE/PHASE | mH | 9 | 36 | 2,1 |
| 5 HOLDING TORQUE | Nm | 0,497 | 0,497 | 0,690 |
| 6 ROTOR INERTIA | g·cm ² | 110 | 110 | 110 |
| 7 WEIGHT | KG | 0,6 | 0,6 | 0,6 |
| 8 NUMBER OF LEADS | N° | 6 | 6 | 4 |

Speed vs. Torque Characteristics

