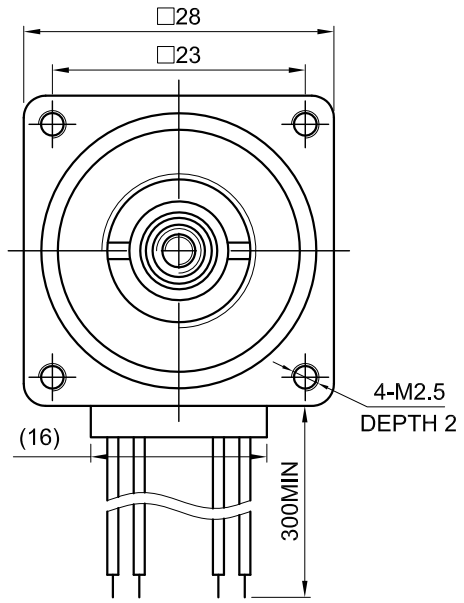
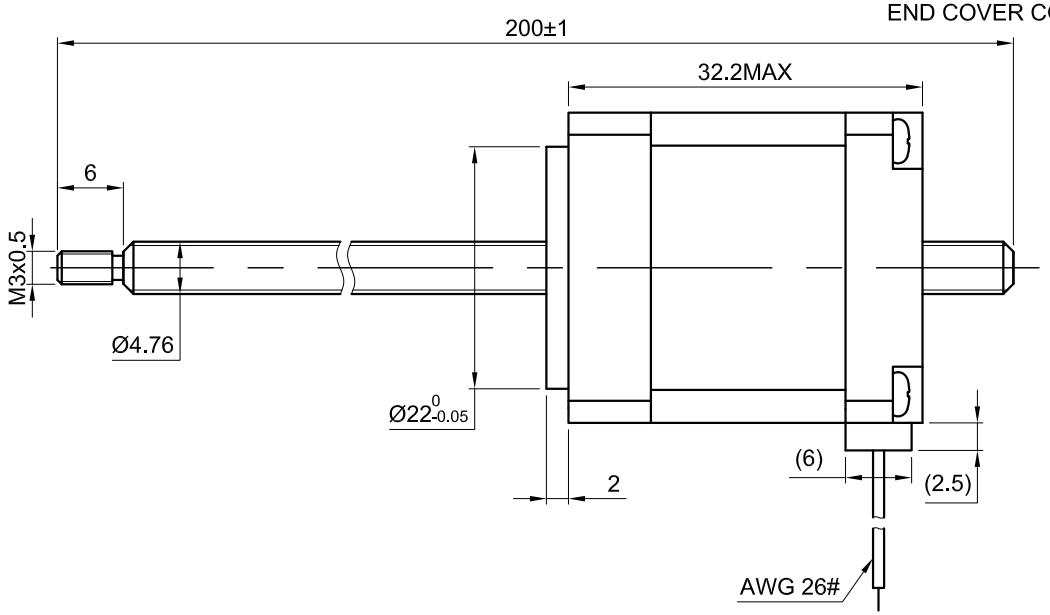
END COVER COLOR : BLACK



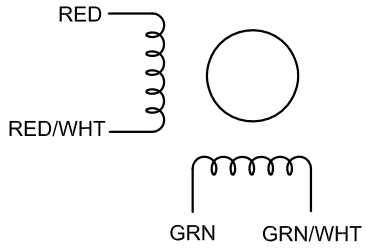




| SPECIFICATION / CONNECTION | BIPOLAR |
|---|---|
| AMPS/PHASE | 1.00 |
| RESISTANCE/PHASE(Ohms)@25°C | 2.10±10% |
| INDUCTANCE/PHASE(mH)@1KHz | 1.50±20% |
| HOLDING TORQUE(Nm)[lb-in] | 0.05[0.44] |
| LEAD(mm) | 5.08 |
| LINEAR TRAVEL/STEP(mm) | 0.0127 |
| STEP ANGLE(°) | 1.80 |
| STEP ACCURACY(NON-ACCUM) | ±5.00% |
| WEIGHT(Kg)[lb] | —— |
| TEMPERATURE RISE:MAX.80°C（MOTOR STANDSTILL;FOR 2PHASE ENERGIZED） | |
| AMBIENT TEMPERATURE -20°C~+50°C[-4°F~+122°F] | |
| INSULATION RESISTANCE 100 Mohm（UNDER NORMAL TEMPERATURE AND HUMIDITY） | |
| INSULATION CLASS B 130°C[266°F] | |
| DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE) | |

| TYPE OF CONNECTION (EXTERN) | MOTOR | |
|---|---|---|
| BIPOLAR | LEADS | WINDING |
| A+ | RED | A+ |
| A- | RED/WHT | A- |
| B+ | GRN | B+ |
| B- | GRN/WHT | B- |

FULL STEP 2 PHASE-Ex. ,
WHEN FACING MOUNTING END (X)

| STEP | A+ | B+ | A- | B- | | |
|---|---|---|---|---|---|---|
| 1 | + | + | - | - | ↓ | CCW ↑ |
| 2 | - | + | + | - | | |
| 3 | - | - | + | + | | |
| 4 | + | - | - | + | CW | |




OY STEPPER

| | | | |
|---|---|---|---|
| | APVD | | 8.10.2022 |
| | CHKD | | |
| 1.5:1 | DRN | | |
| SCALE | SIGNATURE | | DATE |

# STEPPER MOTOR

## 11N13S1004HD5-200RS