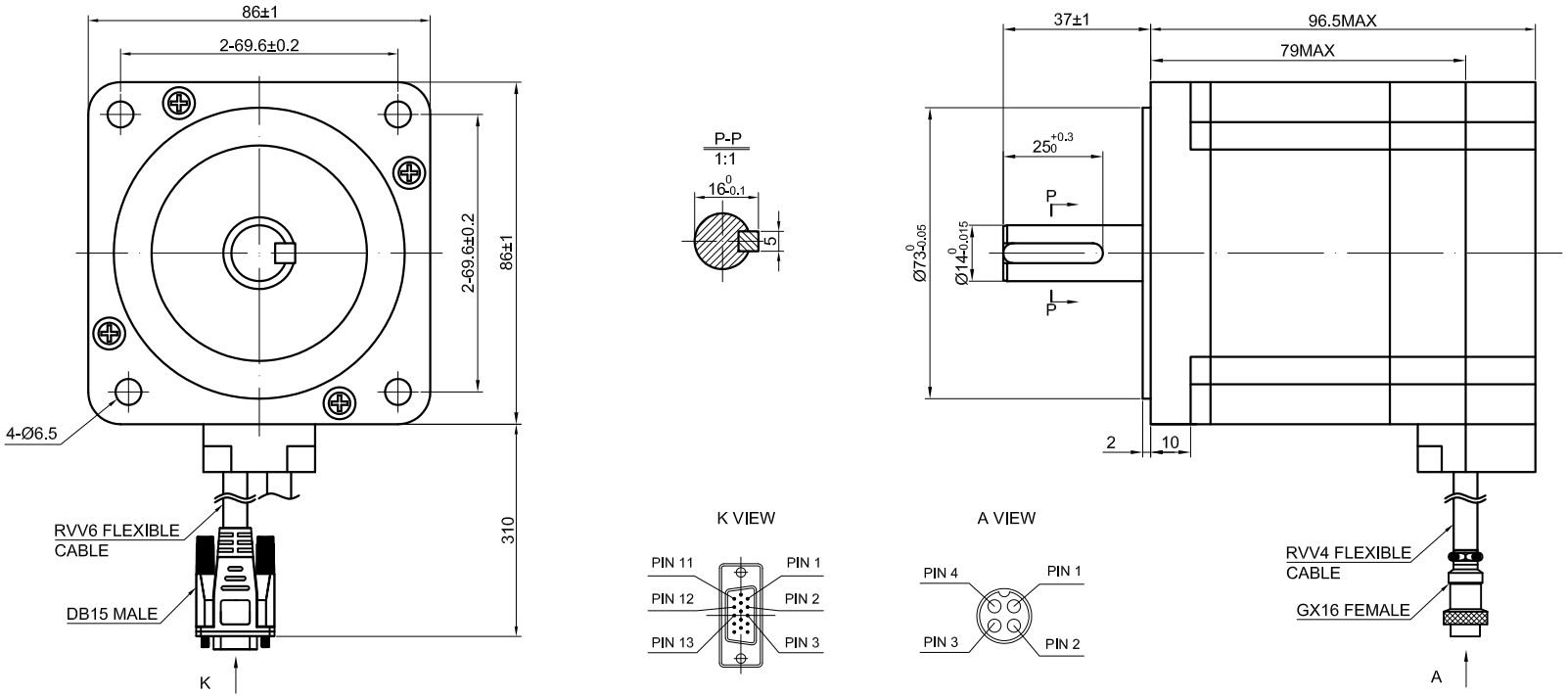


| SPECIFICATION / CONNECTION | BIPOLAR |
|---|---|
| AMPS/PHASE | 6.00 |
| RESISTANCE/PHASE(Ohms)@20°C | 0.42±10% |
| INDUCTANCE/PHASE(mH)@1KHz | 3.50±20% |
| HOLDING TORQUE(Nm)[lb-in] | 4.8[42.52] |
| STEP ANGLE(°) | 1.80±5.00% |
| ROTOR INERTIA(g-cm²) | — |
| WEIGHT(Kg)[lb] | — |
| RELIABILITY:MTBF 6000 HOURS OR MORE.@24V/300RPM | |
| TEMPERATURE RISE:MAX.80°C（MOTOR STANDSTILL;FOR 2PHASE ENERGIZED） | |
| AMBIENT TEMPERATURE -20°C~50°C[ -4°F~122°F] | |
| 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 | |
|---|---|---|---|
| PIN NO | BIPOLAR | LEADS | WINDING |
| 1 | A — | WHT | A |
| 2 | A\ — | GRN | A\ |
| 3 | B — | BLU | B |
| 4 | B\ — | BLK | B\ |

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

| STEP | A | B | A\ | B\ |
|---|---|---|---|---|
| 1 | + | + | - | - |
| 2 | - | + | + | - |
| 3 | - | - | + | + |
| 4 | + | - | - | + |

CCW ↓ ↑ CW

ENCODER RESOLUTION:1000CPR

| 15-PIN DB MALE PLUG | 1 | 2 | 3 | 11 | 12 | 13 |
|---|---|---|---|---|---|---|
| LEAD COLOR | BLK | RED | WHT | YEL | GRN | BLU |
| DESCRIPTION | EA+ | VCC | GND | EB+ | EB- | EA- |

OY STEPPER

| | | | | |
|---|---|---|---|---|
| | APVD | | 11.4.2019 | STEPPER MOTOR |
| | CHKD | | | |
| 1:1.5 | DRN | | | 34HE31-6004D-E1000 |
| SCALE | SIGNATURE | | DATE | |