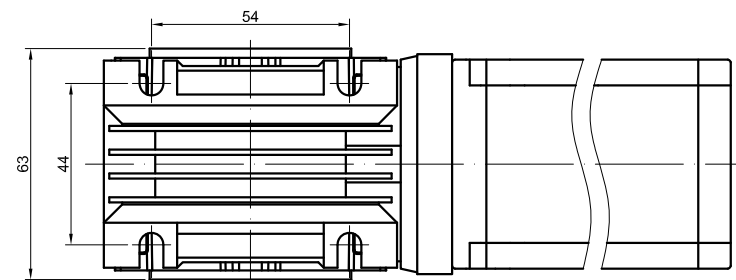


C VIEW



| SPECIFICATION  | CONNECTION | BIPOLAR       |
|--|------------|---------------|
| AMPS/PHASE   |            | 4.20          |
| RESISTANCE/PHASE(Ohms)@25°C  |            | 0.88±10%      |
| INDUCTANCE/PHASE(mH)@1KHz  |            | 3.40±20%      |
| HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]  |            | 3.00[26.55]   |
| STEP ANGLE w/o GEARBOX(°)  |            | 1.80±5.00%    |
| GEAR RATIO   |            | 50            |
| MAX.PERMISSIBLE TORQUE(Nm)[lb-in]  |            | 17.00[150.46] |
| EFFICIENCY   |            | 55%           |
| SHAFT MAXIMUM RADIAL LOAD(kN)  |            | 1.28          |
| BACKLASH@NO-LOAD(°)  |            | 1             |
| TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED)                |            |               |
| AMBIENT TEMPERATURE -10°C~50°C[14°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 |         |
|-----------------------------|---------|-------|---------|
| PIN NO                      | BIPOLAR | LEADS | WINDING |
| 1                           | A+ —    | BLK   | A+      |
| 2                           | A- —    | GRN   | A-      |
| 3                           | B+ —    | RED   | B+      |
| 4                           | B- —    | BLU   | B-      |

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

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

|       |           |  |           |  |
|-------|-----------|--|-----------|--|
|       | APVD      |  | 11.7.2022 | <b>STEPPER MOTOR</b><br><b>23HS45-4204S-RV30-G50</b> |
|       | CHKD      |  |           |  |
| 1:1.5 | DRN       |  |           |  |
| SCALE | SIGNATURE |  | DATE      |  |