

| | | | | | | |
|----------------|-----|-----|----------|-----|----------|-----|
| ENCODE CONTROL | 1 | 2 | 3 | 4 | 5 | 6 |
| LEAD COLOR | BLK | RED | BLU/ WHT | BLU | ORG/ WHT | ORG |
| DESCRIPTION | GND | VCC | EA- | EA+ | EB- | EB+ |

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

| STEP | A+ | B+ | A- | B- | CCW | CW |
|------|----|----|----|----|------|--|
| 1 | + | + | - | - | | UNIT mm GB/T 1804-M EQV. ISO 2768-1 CLASS M: ≤±6 >6~30 ±0.1 >30~120 ±0.3 >120~400 ±0.5 |
| 2 | - | + | + | - | | |
| 3 | - | - | + | + | | |
| 4 | + | - | - | + | | |



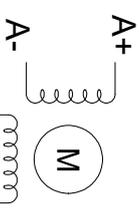
mm

UNITS

1 : 1

SCALE

WINDING



CONNECTION

BIPOLAR

| SPECIFICATION | CONNECTION | BIPOLAR |
|-----------------------------------|------------|-----------------------|
| AMPS/PHASE | | 6.00 |
| RESISTANCE/PHASE(Ohms)@25°C | | 0.34±10% |
| INDUCTANCE/PHASE(mH)@1KHz | | 2.40±20% |
| HOLDING TORQUE(Nm)[lb-in] | | 4.50 [39.86] |
| STEP ANGLE(°) | | 1.80 |
| STEP ACCURACY(NON-ACCUM) | | ±5.00% |
| ROTOR INERTIA(g-cm ²) | | 1800 |
| IP RATING | | IP 65 |
| AMBIENT TEMPERATURE | | 0°C~50°C [32°F~122°F] |
| INSULATION CLASS | | B 130°C [266°F] |
| TEMPERATURE RISE | | MAX.80°C |

STEPPER MOTOR

34E1KIP65-45

OSMTEC
Stepper Motor Specialists

| | | |
|-----------|------|-----------|
| DRN | LDJ | 1.13.2026 |
| APVD | ZPJ | 1.19.2026 |
| SIGNATURE | DATE | |