



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

STEP	A+	B+	A-	B-	CCW
1	+	+	-	-	←
2	-	+	+	-	←
3	-	-	+	+	→
4	+	-	-	+	→

UNIT mm
GB/T 1804-M EQV. ISO 2768-1 CLASS M:
≤6 ±0.1
>6~30 ±0.2
>30~120 ±0.3
>120~400 ±0.5



WINDING		CONNECTION	
		BIPOLAR	
PIN NO	BIPOLAR	LEADS	
1	A+	GRY	
2	A-	BRN	
3	B+	ORG	
4	B-	YEL	
SPECIFICATION		BIPOLAR	
AMPS/PHASE		1.00	
RESISTANCE/PHASE(Ohms)@25°C		3.70±10%	
INDUCTANCE/PHASE(mH)@1KHz		4.50±20%	
HOLDING TORQUE(Nm)[lb-in]		0.16[1.42]	
STEP ANGLE(°)		1.80	
STEP ACCURACY(NON-ACCUM)		±5.00%	
ROTOR INERTIA(g-cm²)		22.00	

PINS		TEMPERATURE	
DRN	LDJ	INSULATION CLASS	H 180°C[356°F]
APVD	ZPJ	TEMPERATURE RISE	MAX. 125°C

OSMTEC

Stepper Motor Specialists

mm
UNITS
1 : 1
SCALE

SIGNATURE DATE

1.13.2026
1.19.2026
17HS08-1004S-H

STEPPER MOTOR