

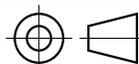
FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-		CCW
1	+	+	-	-	↓ ↑ CW	↑
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	
			SPECIFICATION	BIPOLAR
			AMPS/PHASE	0.49
			RESISTANCE/PHASE(Ohms)@25°C	6.90±10%
			INDUCTANCE/PHASE(mH)@1KHz	2.60±20%
			HOLDING TORQUE(Nm)[lb-in]	0.015[0.13]
			STEP ANGLE(°)	1.80
			STEP ACCURACY(NON-ACCUM)	±5.00%
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm ²)	2.50
1	A+	RED	WEIGHT(Kg)[lb]	—
2	A-	RED/WHT	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
3	B+	GRN/WHT	INSULATION CLASS	B 130°C[266°F]
4	B-	GRN	TEMPERATURE RISE	MAX.80°C

OSMTEC®
Stepper Motor Specialists



mm

UNITS

2:1

SCALE

DRN

APVD

SIGNATURE

YSX

ZPJ

DATE

1.9.2026

1.19.2026

DATE

STEPPER MOTOR

8HS12-0494H