



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

STEP	A+	B+	A-	B-	CCW	CW
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



mm

UNITS

2:3

SCALE

WINDING		CONNECTION	
		BIPOLAR	
PIN NO	BIPOLAR	LEADS	
1	A+	BLK	
2	A-	GRN	
3	B+	RED	
4	B-	BLU	
SPECIFICATION		BIPOLAR	
AMPS/PHASE		2.80	
RESISTANCE/PHASE (Ohms) @25°C		1.13±10%	
INDUCTANCE/PHASE (mH) @1KHz		4.80±20%	
HOLDING TORQUE (Nm) [lb-in]		1.85 [16.39]	
STEP ANGLE (°)		1.80	
STEP ACCURACY (NON-ACCUM)		±5.00%	
ROTOR INERTIA (g-cm²)		—	
WEIGHT (kg) [lb]		—	
AMBIENT TEMPERATURE		-10°C~50°C [14°F~122°F]	
INSULATION CLASS		H 180°C [356°F]	
TEMPERATURE RISE		MAX. 125°C	

OSMTEC

Stepper Motor Specialists

STEPPER MOTOR

23HSS30-2804S-H

DRN	LDJ	1.13.2026
APVD	ZPJ	1.19.2026
SIGNATURE		DATE