

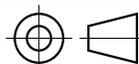
FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

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	BIPOLAR
			SPECIFICATION	
			AMPS/PHASE	1.20
			RESISTANCE/PHASE(Ohms)@25°C	3.00±10%
			INDUCTANCE/PHASE(mH)@1KHz	2.70±20%
			HOLDING TORQUE(Nm)[lb-in]	0.11[0.97]
			STEP ANGLE(°)	0.90
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm <sup>2</sup> )	10
1	A+	BLK	WEIGHT(Kg)[lb]	—
2	A-	GRN	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
3	B+	RED	INSULATION CLASS	B 130°C[266°F]
4	B-	BLU	TEMPERATURE RISE	MAX.80°C

**OSMTEC**®  
 Stepper Motor Specialists



mm

UNITS

1:1

SCALE

DRN

APVD

SIGNATURE

YSX

LJ

DATE

1.13.2026

1.13.2026

DATE

**STEPPER MOTOR**

**16HM09-1204S**