

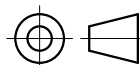
FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

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	UNIPOLAR
			SPECIFICATION	
			AMPS/PHASE	0.44
			RESISTANCE/PHASE(Ohms)@25°C	27.00±10%
			INDUCTANCE/PHASE(mH)@1KHz	40.00±20%
			HOLDING TORQUE(Nm)[lb-in]	0.60[5.31]
PIN NO	BIPOLAR	LEADS	STEP ANGLE(°)	1.80
1	A+	BLK	STEP ACCURACY(NON-ACCUM)	±5.00%
2	A-	GRN	ROTOR INERTIA(g-cm <sup>2</sup> )	—
3	B+	RED	WEIGHT(Kg)[lb]	—
4	B-	BLU	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
5	O+	YEL	INSULATION CLASS	B 130°C[266°F]
6	O-	WHT	TEMPERATURE RISE	MAX.80°C

**OSMTEC**®  
 Stepper Motor Specialists



mm

UNITS	DRN	YSX	1.13.2026
2:3	APVD	LJ	1.13.2026
SCALE	SIGNATURE		DATE

**STEPPER MOTOR**

**23HS21-0446S**