

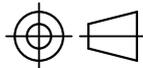
FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

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			
	SPECIFICATION	UNIPOLAR	BIPOLAR (SERIAL)	BIPOLAR (PARALLEL)
	AMPS/PHASE	3.00	2.12	4.24
	RESISTANCE/PHASE(Ohms)@25°C	1.60±10%	3.20±10%	0.80±10%
	INDUCTANCE/PHASE(mH)@1KHz	8.00±20%	32.00±20%	8.00±20%
	HOLDING TORQUE(Nm)[lb-in]	5.00[44.25]	7.07[62.57]	7.07[62.57]
	STEP ANGLE(°)	1.80		
	STEP ACCURACY(NON-ACCUM)	±5.00%		
	ROTOR INERTIA(g-cm <sup>2</sup> )	1800		
	WEIGHT(Kg)[lb]	3.13[6.90]		
	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]		
	INSULATION CLASS	B 130°C[266°F]		
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**

**34HS38-3008S**