

ENCODER RESOLUTION:1000PPR(4000CPR)

15-PIN DB MALE PLUG	1	2	3	11	12	13
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-

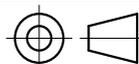
FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-	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

WINDING			SPECIFICATION	CONNECTION	BIPOLAR
			AMPS/PHASE		6.00
			RESISTANCE/PHASE(Ohms)@25°C		0.40±10%
			INDUCTANCE/PHASE(mH)@1KHz		3.60±20%
			HOLDING TORQUE(Nm)[lb-in]		9.00[79.66]
			STEP ANGLE(°)		1.80
			STEP ACCURACY(NON-ACCUM)		±5.00%
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm <sup>2</sup> )		2700
1	A+	--	WEIGHT(Kg)[lb]		—
2	A-	--	AMBIENT TEMPERATURE		-10°C~50°C[14°F~122°F]
3	B+	--	INSULATION CLASS		B 130°C[266°F]
4	B-	--	TEMPERATURE RISE		MAX.80°C

**OSMTEC**®  
Stepper Motor Specialists



mm

UNITS

1:2

SCALE

DRN

APVD

SIGNATURE

ZPJ

YSX

DATE

1.15.2026

1.15.2026

DATE

**STEPPER MOTOR**

**34HS46-6004D-E1000**