



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

STEP	A+	B+	A-	B-	CCW	CW
1	+	+	-	-	 	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
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

WINDING		CONNECTION		BIPOLAR
				BIPOLAR
PIN NO	BIPOLAR	LEADS	AMPS/PHASE	6.00
1	A+	BLK	RESISTANCE/PHASE(Ohms)@25°C	0.55±10%
2	A-	GRN	INDUCTANCE/PHASE(mH)@1KHz	5.00±20%
3	B+	RED	HOLDING TORQUE(Nm)[lb-in]	8.50 [75.29]
4	B-	BLU	STEP ANGLE(°)	1.80
		STEP ACCURACY(NON-ACCUM)	±5.00%	
		ROTOR INERTIA(g-cm²)	3600	
		IP RATING	IP 65	
		AMBIENT TEMPERATURE	0°C~50°C [32°F~122°F]	
		INSULATION CLASS	B 130°C [266°F]	
		TEMPERATURE RISE	MAX.80°C	

OSMTEC®

Stepper Motor Specialists

mm	
UNITS	LDJ
SCALE	1:1
SIGNATURE	ZPJ
DATE	1.19.2026

STEPPER MOTOR

34IP65-85