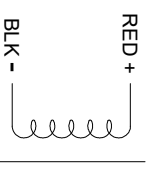


**BRAKE CONNECTIONS**

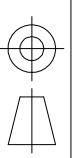
24V 5.0N.m



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

STEP	A+	B+	A-	B-	CCW	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		CONNECTION	
A+	A-	A+	BIPOLAR
B+	B-	B+	BIPOLAR
M			
PIN NO	BIPOLAR	LEADS	SPECIFICATION
1	A+	BLK	AMPS/PHASE 6.0
2	A-	GRN	RESISTANCE/PHASE(Ohms)@25°C 0.34±10%
3	B+	RED	INDUCTANCE/PHASE(mH)@1KHz 2.40±20%
4	B-	BLU	HOLDING TORQUE(Nm)[lb-in] 4.50 [39.86]
			STEP ANGLE(°) 1.80
			STEP ACCURACY(NON-ACCUM) ±5.00%
			ROTOR INERTIA(g-cm <sup>2</sup> ) 1800
			WEIGHT(Kg)[lb] —
			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
1:2	SCALE
DRN	LDJ
APVD	ZPJ
SIGNATURE	DATE

1.7.2026  
1.19.2026  
34BK50-45

## STEPPER MOTOR