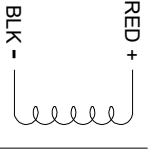


**BRAKE CONNECTIONS**

24V 2.8N.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



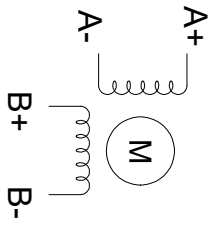
mm

UNITS

2:3

SCALE

**WINDING**



PIN NO	BIPOLAR	LEADS	WINDING		SPECIFICATION	CONNECTION	BIPOLAR
			A+	A-			
1	A+	BLK			AMPS/PHASE		4.20
2	A-	GRN			RESISTANCE/PHASE (Ohms) @25°C		0.90±10%
3	B+	RED			INDUCTANCE/PHASE (mH) @1KHz		3.60±20%
4	B-	BLU			HOLDING TORQUE (Nm) [lb-in]		4.20 [37.17]
					STEP ANGLE (°)		1.80
					STEP ACCURACY (NON-ACCUM)		±5.00%
					ROTOR INERTIA (g-cm <sup>2</sup> )		750.00
					WEIGHT (kg) [lb]		2.20 [4.85]
					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

**STEPPER MOTOR**

23HS45-4204D-B280