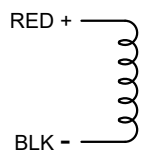


BRAKE CONNECTIONS

24V 2.0N.m



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

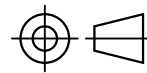
FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-		CCW
1	+	+	-	-	 CW	
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		BIPOLAR	
			AMPS/PHASE		5.00		5.00	
			RESISTANCE/PHASE(Ohms)@25°C		0.40±10%		0.40±10%	
			INDUCTANCE/PHASE(mH)@1KHz		1.80±20%		1.80±20%	
			HOLDING TORQUE(Nm)[lb-in]		2.00 [17.71]		2.00 [17.71]	
			STEP ANGLE(°)		1.80		1.80	
			STEP ACCURACY(NON-ACCUM)		±5.00%		±5.00%	
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm ²)		480		480	
1	A+	--	WEIGHT(Kg)[lb]		---		---	
2	A-	--	AMBIENT TEMPERATURE		-10°C~50°C[14°F~122°F]		-10°C~50°C[14°F~122°F]	
3	B+	--	INSULATION CLASS		B 130°C[266°F]		B 130°C[266°F]	
4	B-	--	TEMPERATURE RISE		MAX.80°C		MAX.80°C	

OSMTEC®
 Stepper Motor Specialists



mm			
UNITS	DRN	ZPJ	1.16.2026
2:3	APVD	YSX	1.16.2026
SCALE	SIGNATURE	DATE	

STEPPER MOTOR

23E1KBK20-20