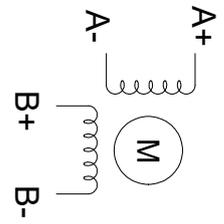


ENCODE CONTROL	1	2	3	4	5	6
LEAD COLOR	BLK	RED	BLU/ WHT	BLU	ORG/ WHT	ORG
DESCRIPTION	GND	VCC	EA-	EA+	EB-	EB+

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

STEP	A+	B+	A-	B-	CCW
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	BIPOLAR
A+ A- B+ B-		

SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		6.00
RESISTANCE/PHASE(Ohms)@25°C		0.72±10%
INDUCTANCE/PHASE(mH)@1KHz		7.30±20%
HOLDING TORQUE(Nm)[lb-in]		12.00 [106.29]
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm ²)		5400
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		
SCALE	1:1	
SIGNATURE	DATE	
DRN	LDJ	1.13.2026
APVD	ZPJ	1.19.2026
STEPPER MOTOR		
34E1KIP65-120		