

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

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

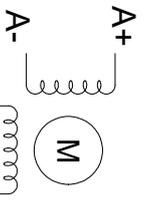
UNIT mm
GB/T 1804-M EQV. ISO 2768-1 CLASS M:
≤6 ±0.1
>6~30 ±0.2
>30~120 ±0.3
>120~400 ±0.5



OSMTEC®

Stepper Motor Specialists

WINDING



PIN NO	BIPOLAR	LEADS	CONNECTION	SPECIFICATION	BIPOLAR
1	A+	BLK	AMP S/P HASE	4.00	
2	A-	GRN	RESISTANCE/PHASE (Ohms) @25°C	0.47±10%	
3	B+	RED	INDUCTANCE/PHASE (mH) @1KHz	1.40±20%	
4	B-	BLU	HOLDING TORQUE (Nm) [lb-in]	1.20 [10.63]	
			STEP ANGLE (°)	1.80	
			STEP ACCURACY (NON-ACCUM)	±5.00%	
			ROTOR INERTIA (g-cm²)	280	
			IP RATING	IP65	
			AMBIENT TEMPERATURE	0°C~50°C [32°F~122°F]	
			INSULATION CLASS	B 130°C [266°F]	
			TEMPERATURE RISE	MAX. 80°C	

mm	UNITS	
2:3	SCALE	
DRN	LDJ	1.13.2026
APVD	ZPJ	1.19.2026
SIGNATURE		DATE

STEPPER MOTOR

23IP65-12