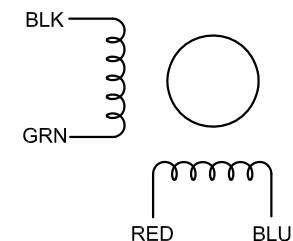


SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		6.00
RESISTANCE/PHASE(Ohms)@20°C		0.42±10%
INDUCTANCE/PHASE(mH)@1KHz		3.50±20%
HOLDING TORQUE(Nm)[lb-in]		4.80[42.52]
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm²)		—
WEIGHT(Kg)[lb]		—
TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED)		
INSULATION RESISTANCE 100 Mohm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		
AMBIENT TEMPERATURE -20°C~50°C[-4°F~122°F]		
INSULATION CLASS B 130°C[266°F]		
DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		
AMBIENT HUMIDITY MAX.85%(NO CONDENSATION)		

TYPE OF CONNECTION (EXTERN)		MOTOR	
PIN NO	BIPOLAR	LEADS	WINDING
1	A+ —	BLK	A+
2	A- —	GRN	A-
3	B+ —	RED	B+
4	B- —	BLU	B-

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

STEP	A+	B+	A-	B-	CCW	CW
1	+	+	-	-	↓	↑
2	-	+	+	-	↓	↑
3	-	-	+	+	↓	↑
4	+	-	-	+	↓	↑



**STEPPERONLINE®**

1:1.5  
SCALE

APVD  
CHKD  
DRN  
SIGNATURE  
DATE

5.27.2021

**STEPPER MOTOR**

**34HE31-6004S**