



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		4.20
RESISTANCE/PHASE(Ohms)@25°C		0.88±10%
INDUCTANCE/PHASE(mH)@1KHz		3.40±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]		3.00[26.55]
STEP ANGLE w/o GEARBOX(°)		1.80±5.00%
GEAR RATIO		50
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]		17.00[150.46]
EFFICIENCY		55%
SHAFT MAXIMUM RADIAL LOAD(kN)		1.28
BACKLASH@NO-LOAD(°)		1
TEMPERATURE RISE:MAX.80°C ( MOTOR STANDSTILL;FOR 2PHASE ENERGIZED )		
AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F]		
INSULATION RESISTANCE 100 Mohm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		
INSULATION CLASS B 130°C[266°F]		
DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		

PIN NO	TYPE OF CONNECTION (EXTERN)		MOTOR	
	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-	
1	+	+	-	-	
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

**STEPPERONLINE®**

	APVD	HW	5.17.2024
	CHKD		
1:1.5	DRN	LDJ	5.17.2024
SCALE	SIGNATURE	DATE	

**STEPPER MOTOR**

**23HS45-4204S-RVS30-G50**