

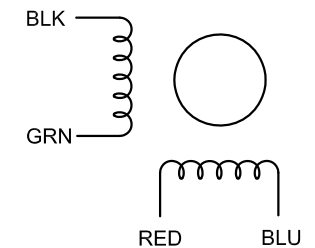
AWG20 UL 1430

SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		4.00
RESISTANCE/PHASE(Ohms)@25°C		0.60±10%
INDUCTANCE/PHASE(mH)@1KHz		4.50±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]		4.50[39.83]
GEAR RATIO		20.00
EFFICIENCY		70.00%
STEP ANGLE w/o GEARBOX(°)		1.80
BACKLASH@NO-LOAD		<=3°
MAX.PERMISSIBLE TORQUE(Nm)		40.00
WEIGHT(Kg)[lb]		5.00[11.02]
ROTOR INERTIA w/o GEARBOX(g-cm <sup>2</sup> )		1800.00
INSULATION RESISTANCE 100 Mohm(UNDER NORMAL TEMPERATURE AND HUMIDITY)		
DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		
TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED)		
AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F]		
INSULATION CLASS B 130°C[266°F]		

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
1	+	+	-	-	↓	↑
2	-	+	+	-		
3	-	-	+	+	↑	↓
4	+	-	-	+		



**STEPPERONLINE®**

	APVD		10.19.2020
	CHKD		
1:2	DRN		
SCALE	SIGNATURE		DATE

**STEPPER MOTOR**

**34HS38-4004D-SG20**