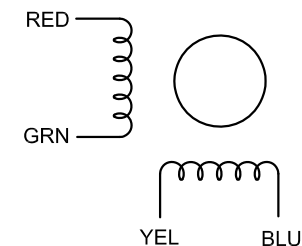


SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		7.00
RESISTANCE/PHASE(Ohms)@25°C		0.75±20%
INDUCTANCE/PHASE(mH)@1KHz		13.50±30%
HOLDING TORQUE(Nm)[lb-in]		22.00[194.72]
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm <sup>2</sup> )		13000.00
WEIGHT(Kg)[lb]		—
TEMPERATURE RISE:MAX.80°C ( 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)		
AMBIENT HUMIDITY MAX.85%(NO CONDENSATION)		

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

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

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



**STEPPERONLINE®**

APVD		4.18.2023
CHKD		
1:2	DRN	
SCALE	SIGNATURE	DATE

**STEPPER MOTOR**

**42HS59-6004S**