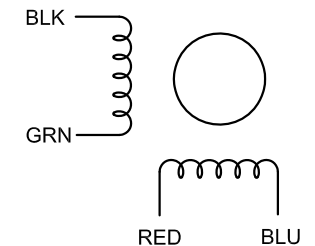


SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		2.80
RESISTANCE/PHASE(Ohms)@25°C		0.90±10%
INDUCTANCE/PHASE(mH)@1KHz		2.50±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]		1.25[11.06]
GEAR RATIO		46 ⁸² / ₁₂₅
EFFICIENCY		70.00%
STEP ANGLE w/o GEARBOX(°)		1.80
BACKLASH@NO-LOAD		<=3°
MAX.PERMISSIBLE TORQUE(Nm)		30.00
MOMENT PERMISSIBLE TORQUE(Nm)		50.00
SHAFT MAXIMUM AXIAL LOAD(N)		100.00
SHAFT MAXIMUM RADIAL LOAD(N)		200.00
WEIGHT(Kg)[lb]		—
TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED)		
AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F]		
INSULATION CLASS B 130°C[266°F]		

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

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

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



STEPPERONLINE®

1:1.5

SCALE

APVD

CHKD

DRN

SIGNATURE

1.4.2023

DATE

STEPPER MOTOR

23HS22-2804S-PG47