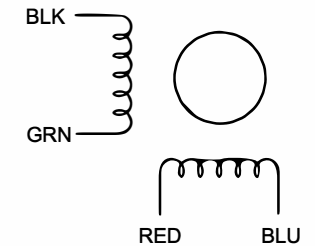


SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		1.68
RESISTANCE/PHASE(Ohms)@25°C		1.80±10%
INDUCTANCE/PHASE(mH)@1KHz		3.20±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]		0.52[4.60]
GEAR RATIO		19 ³⁸ / ₁₈₇
EFFICIENCY		81.00%
STEP ANGLE w/o GEARBOX(°)		1.80
BACKLASH@NO-LOAD		<=1°
MAX.PERMISSIBLE TORQUE(Nm)		3.00
MOMENT PERMISSIBLE TORQUE(Nm)		5.00
SHAFT MAXIMUM AXIAL LOAD(N)		50.00
SHAFT MAXIMUM RADIAL LOAD(N)		100.00
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-		CCW
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		



	APVD		10.30.2020
	CHKD		
1:1	DRN		
SCALE	SIGNATURE		DATE

STEPPER MOTOR

KL17H83-168-4AG