



SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		1.68
RESISTANCE/PHASE(Ohms)@25°C		1.60±10%
INDUCTANCE/PHASE(mH)@1KHz		3.20±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]		0.39[3.45]
GEAR RATIO		50
EFFICIENCY		90.00%
STEP ANGLE w/o GEARBOX(°)		1.80
BACKLASH@NO-LOAD(arcmin)		<=25
MAX.PERMISSIBLE TORQUE(Nm)		15.00
MOMENT PERMISSIBLE TORQUE(Nm)		25.00
WEIGHT(kg)		—
LIFE(h)		6000.00
AMBIENT TEMPERATURE(°C)		-10 ~ 50
INSULATION CLASS		B
NOISE(dB)		<=50
MAX. RADIAL LOAD(N)		150

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	+	+	-	-		CCW
2	-	+	+	-		CW
3	-	-	+	+		
4	+	-	-	+		

ENCODER CONNECTION:1000PPR(4000CPR)								
LEAD COLOR	RED	BLK	BRN	ORG	BLU	GRN	YEL	WHT
DESCRIPTION	+5V	EGND	EA+	EA-	EB+	EB-	EZ+	EZ-

**STEPPERONLINE®**

APVD		12.22.2021
CHKD		
1:1	DRN	
SCALE	SIGNATURE	DATE

**STEPPER MOTOR**

**17HS15-1684D-HG50-AR4**