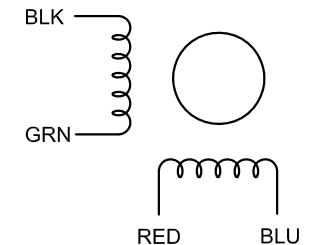


SPECIFICATION	CONNECTION	BIPOLAR
VOTAGE(VOC)		2.50
AMPS/PHASE		2.80
RESISTANCE/PHASE(Ohms)@25°C		0.90±10%
INDUCTANCE/PHASE(mH)@1KHz		2.80±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]		1.03[9.12]
GEAR RATIO		20
EFFICIENCY		90.00%
STEP ANGLE w/o GEARBOX(°)		1.80
BACKLASH@NO-LOAD(arcmin)		<=25
MAX.PERMISSIBLE TORQUE(Nm)		25.00
MOMENT PERMISSIBLE TORQUE(Nm)		40.00
WEIGHT(kg)		1.80
LIFE(h)		20000.00
AMBIENT TEMPERATURE(°C)		-10 - 90
INSULATION CLASS		B
NOISE(bB)		<=50
MAX. RADIAL LOAD(N)		400

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		
CHKD		
1:1.5	DRN	
SCALE	SIGNATURE	DATE

STEPPER MOTOR

23HS22-2804S-HG20