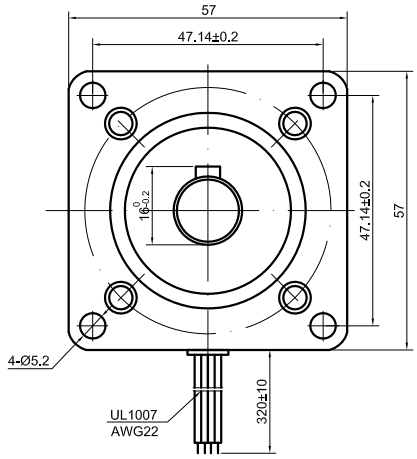
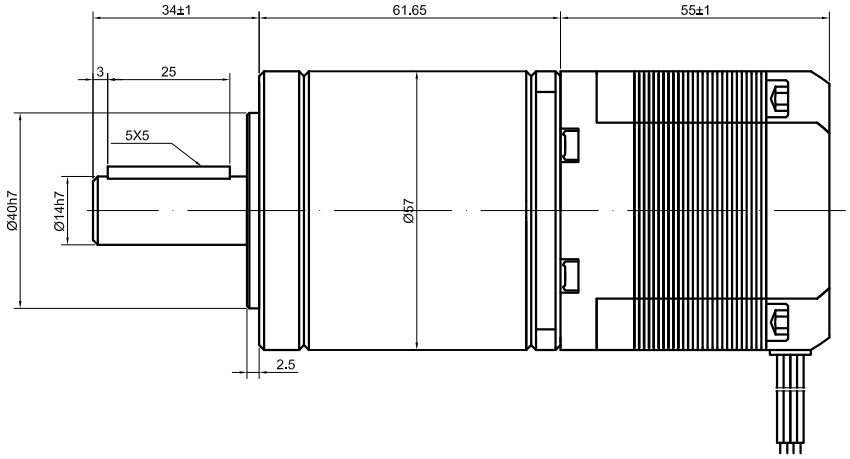


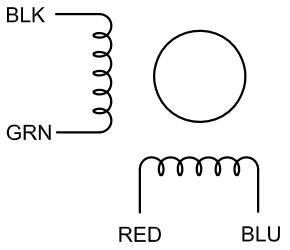


SPECIFICATION / CONNECTION	BIPOLAR
VOTAGE(VOC)	2.50
AMPS/PHASE	2.80
RESISTANCE/PHASE(Ohms)@25°C	0.90±10%
INDUCTANCE/PHASE(mH)@1KHz	2.80±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]	1.03[9.12]
GEAR RATIO	50
EFFICIENCY	90.00%
STEP ANGLE w/o GEARBOX(°)	1.80
BACKLASH@NO-LOAD(arcmin)	<=25
MAX.PERMISSIBLE TORQUE(Nm)	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	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	-	+	+	-		↑
3	-	-	+	+	CW	
4	+	-	-	+		



OY STEPPER

	APVD			STEPPER MOTOR
	CHKD			
1:1.5	DRN			23HS22-2804S-HG50
SCALE	SIGNATURE		DATE	