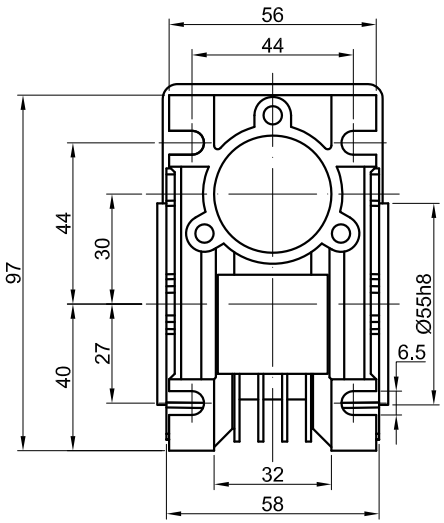
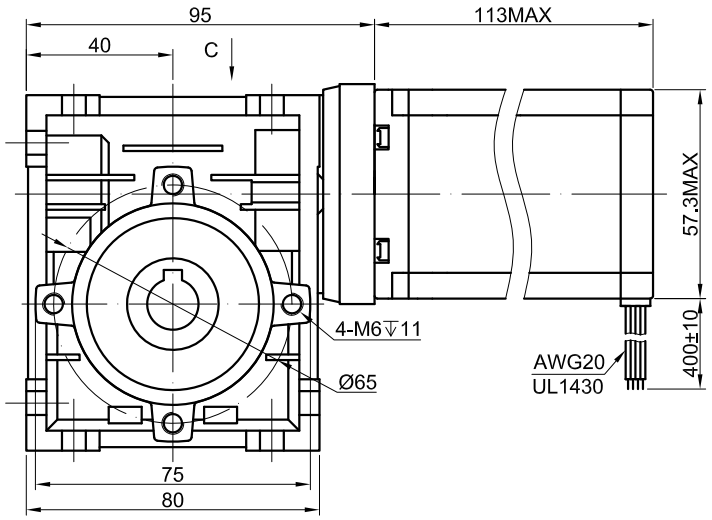
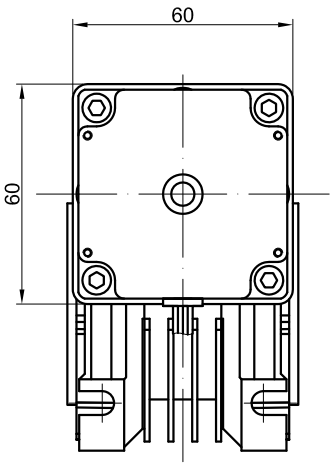
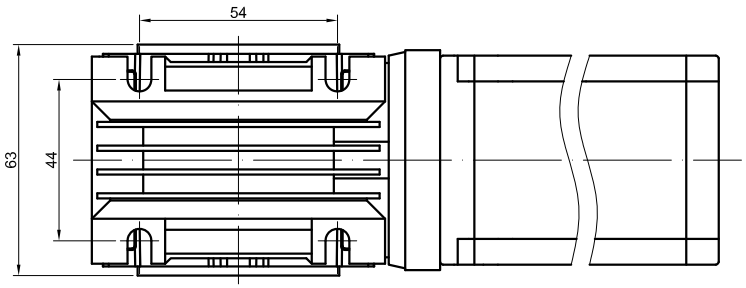






C VIEW



SPECIFICATION / CONNECTION	BIPOLAR
AMPS/PHASE	4.20
RESISTANCE/PHASE(Ohms)@25°C	0.88±10%
INDUCTANCE/PHASE(mH)@1KHz	3.40±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]	3.00[26.55]
STEP ANGLE w/o GEARBOX(°)	1.80±5.00%
GEAR RATIO	50
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]	17.00[150.46]
EFFICIENCY	55%
SHAFT MAXIMUM RADIAL LOAD(kN)	1.28
BACKLASH@NO-LOAD(°)	1
TEMPERATURE RISE:MAX.80°C（MOTOR STANDSTILL;FOR 2PHASE ENERGIZED）	
AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F]	
INSULATION RESISTANCE 100 Mohm（UNDER NORMAL TEMPERATURE AND HUMIDITY）	
INSULATION CLASS B 130°C[266°F]	
DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	

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	-	-	+	+		
4	+	-	-	+	CW	

OY STEPPER

	APVD		11.7.2022	STEPPER MOTOR
	CHKD			
1:1.5	DRN			23HS45-4204S-RV30-G50
SCALE	SIGNATURE		DATE	