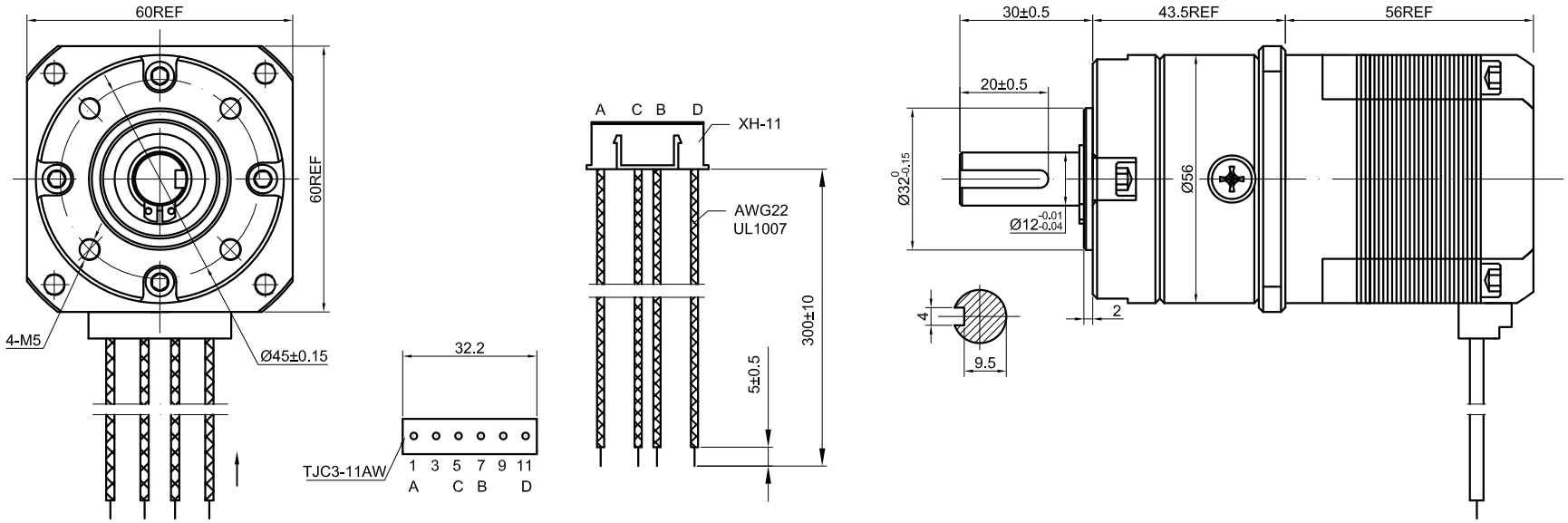
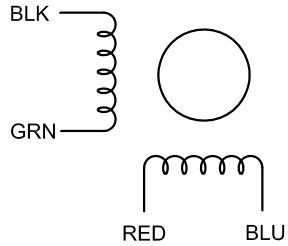


SPECIFICATION / CONNECTION	BIPOLAR
AMPS/PHASE	2.80
RESISTANCE/PHASE(Ohms)@25°C	0.90±10%
INDUCTANCE/PHASE(mH)@1KHz	2.50±20%
HOLDING TORQUE w/o GEARBOX(Nm)[lb-in]	1.25[11.06]
GEAR RATIO	$4\frac{1}{4}$
EFFICIENCY	90.00%
STEP ANGLE(°)	1.80
BACKLASH@NO-LOAD	<=1°
MAX.PERMISSIBLE TORQUE(Nm)	20.00
MOMENT PERMISSIBLE TORQUE(Nm)	30.00
SHAFT MAXIMUM AXIAL LOAD(N)	100.00
SHAFT MAXIMUM RADIAL LOAD(N)	200.00
WEIGHT(Kg)[lb]	1.20[2.65]
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	A
5	C	GRN	C
7	B	RED	B
11	D	BLU	D

FULL STEP 2 PHASE-Ex. ,
WHEN FACING MOUNTING END (X)

STEP	A	B	C	D		
1	+	+	-	-	↓	CCW ↑
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+	CW	



OY STEPPER

	APVD		8.20.2018	STEPPER MOTOR
	CHKD			
1:1.5	DRN			23HS22-2804SX-PG4
SCALE	SIGNATURE		DATE	