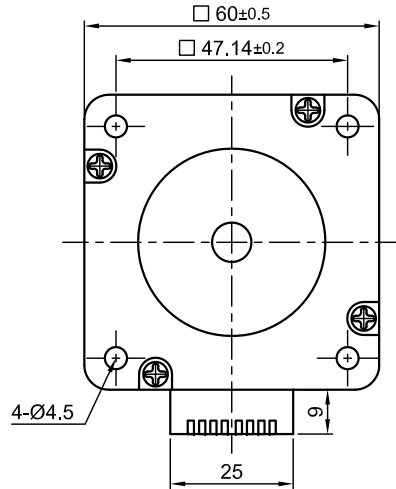
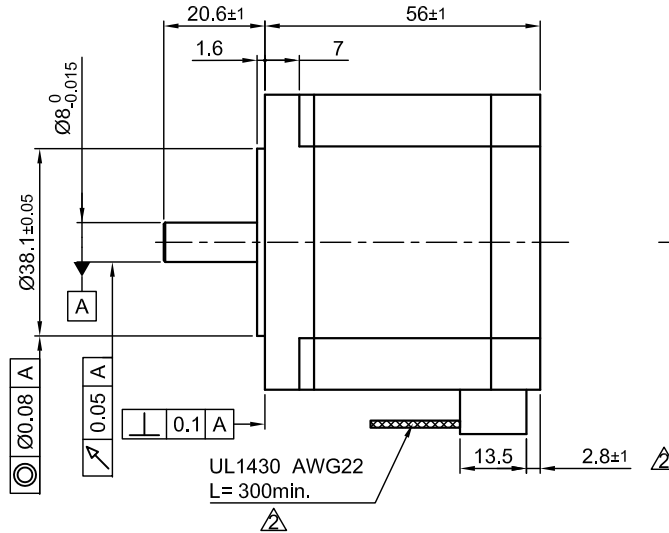


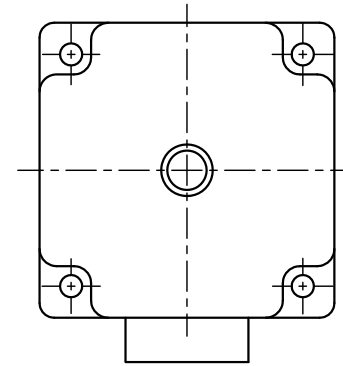
Front view and mounting



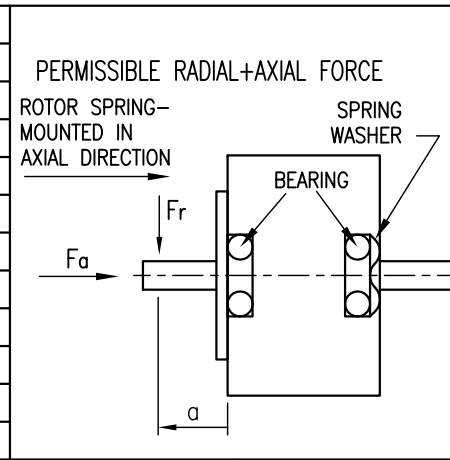
Side view



Rear view



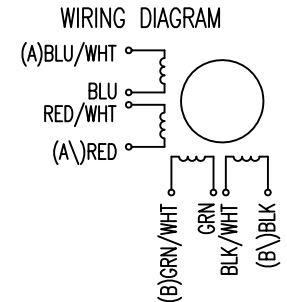
SPECIFICATION	CONNECTION	UNIPOLAR OR BIPOLAR-1 WINDING	BIPOLAR	
			SERIAL	PARALLEL
VOLTAGE (VDC)		2.4		
AMPS/PHASE		3.0	2.12	4.24
RESISTANCE/PHASE (Ohms)@25°C		0.8±15%	1.6±15%	0.4±15%
INDUCTANCE/PHASE (mH) @1KHz		1.38±20%	5.52±20%	1.38±20%
HOLDING TORQUE (Nm) [lb-in]		1.17 [10.35]	1.66 [14.65]	1.66 [14.65]
DETENT TORQUE (Nm) [lb-in]		0.035 [0.311]		
STEP ANGLE (°)		1.8		
STEP ACCURACY (NON-ACCUM)		±5%		
ROTOR INERTIA (Kg-m ²) [lb-in ²]		4.0x10 ⁻⁵ [0.154]		
WEIGHT (Kg) [lb]		0.77 [1.7]		



TYPE OF CONNECTION (EXTERN)				MOTOR	
UNIPOLAR	BIPOLAR			LEADS	WINDING
	1WINDING	SERIAL	PARALLEL		
A	A	A	A	BLU/WHT	A
COM				BLU	
A\		A\	A\	RED/WHT	A\
B	B	B	B	RED	
COM				GRN/WHT	B
B\		B\	B\	GRN	
				BLK/WHT	B\
				BLK	

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

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



TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)				AXIAL-FORCE Fa (N)				
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]				Fa=14				
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)				DISTANCE a (mm)	5	10	15	20
INSULATION CLASS B 130° [266°F]				RADIAL-FORCE Fr (N)	163	112	85	63
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)					AXIAL		RADIAL	
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)				SHAFT PLAY (mm)	0.075		0.025	
				AT LOAD MAX: (N)	10		5.0	

				APVD	S.Ha.	16.01.07	STEPPING MOTOR
				CHKD			
2	change tol. cable/rework draw	09.03.16	A.S.	DRN	J.W.	13.07.06	DWG.NO
1	LENGTH+UL NO.	06.08.09	J.W.	SIGNATURE		DATE	ST6018M3008-A
REV	DESCRIPTION	DATE	DRN	Surface specification DIN ISO 1302		General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715