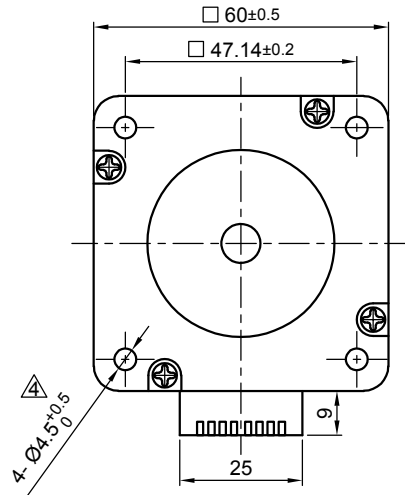
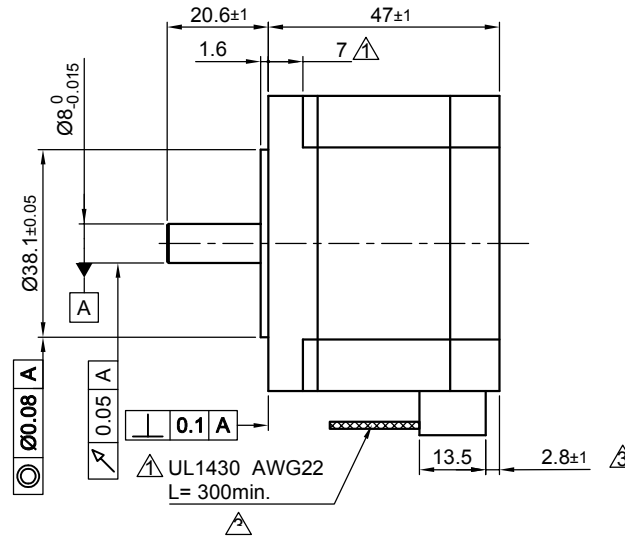


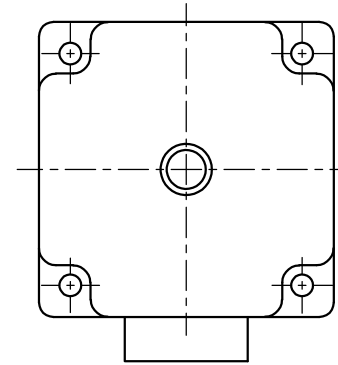
Front view and mounting



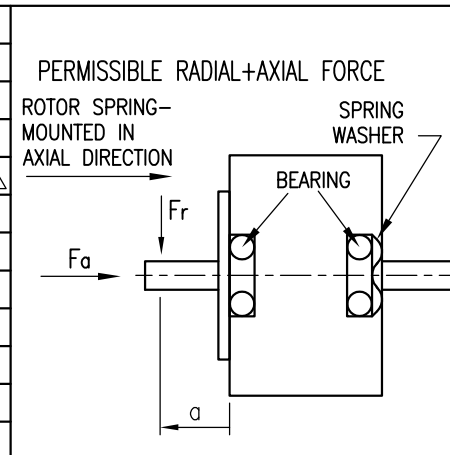
Side view



Rear view



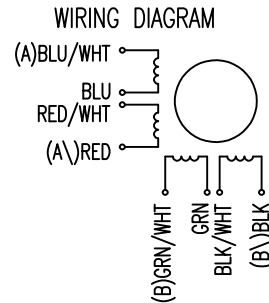
SPECIFICATION	CONNECTION	UNIPOLAR OR BIPOLAR-1 WINDING		BIPOLAR	
		BIPOLAR-1 WINDING	SERIES	PARALLEL	PARALLEL
VOLTAGE (VDC)		2.92			
AMPS/PHASE		2.0	1.41	2.82	
RESISTANCE/PHASE (Ohms)@25°C		1.7±15% $\Delta$	3.4±15% $\Delta$	0.85±15% $\Delta$	
INDUCTANCE/PHASE (mH) @1KHz $\Delta$		2.2±20%	8.8±20%	2.2±20%	
HOLDING TORQUE (Nm) [lb-in]		0.75 [6.64]	1.06 [9.38]	1.06 [9.38]	
STEP ANGLE (°)		1.8			
STEP ACCURACY (NON-ACCUM)		±5% $\Delta$			
ROTOR INERTIA (Kg-m <sup>2</sup> ) [lb-in <sup>2</sup> ]		2.75x10 <sup>-5</sup> [0.094]			
WEIGHT (Kg) [lb]		0.6 [1.32]			



TYPE OF CONNECTION (EXTERN)				MOTOR	
UNIPOLAR	BIPOLAR			LEADS	WINDING
	1WINDING	SERIES	PARALLEL		
A —	A —	A —	A —	BLU/WHT	A
COM —	—	—	—	BLU	
A\ —	—	A\ —	A\ —	RED/WHT	A\
B —	B —	B —	B —	RED	B
COM —	—	—	—	GRN/WHT	
B\ —	—	B\ —	B\ —	GRN	B\
				BLK/WHT	
				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)	Fa=14			
AMBIENT TEMPERATURE -10°~ 50°C [14°F ~ 122°F]	DISTANCE a (mm)	5	10	15	20
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)	RADIAL-FORCE Fr (N)	163	112	85	63
INSULATION CLASS B 130° [266°F]			AXIAL	RADIAL	
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	SHAFT PLAY (mm)		0.075	0.025	
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)	AT LOAD MAX: (N)		10	5.0	

4	change value res./toler./rem. detent tor.	04.07.17	A.S.				APVD	S.Ha.	16.01.07	<b>STEPPING MOTOR</b>	
3	change tol. cable/rework draw	09.03.16	A.S.				CHKD				
2	VALUES OF EMF+INDUCTANCE	16.12.10	J.W.	Surface specification	General tolerances	Work piece edge	DRN	J.W.	13.07.06	DWG.NO	ST6018X2008-A
REV	DESCRIPTION	DATE	DRN	DIN ISO 1302	DIN ISO 2768- ch	DIN ISO 13715	SIGNATURE		DATE		