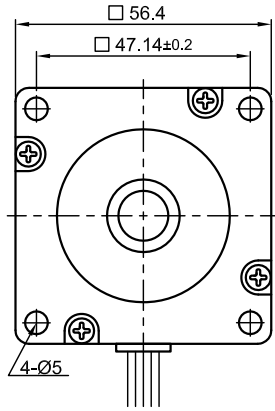
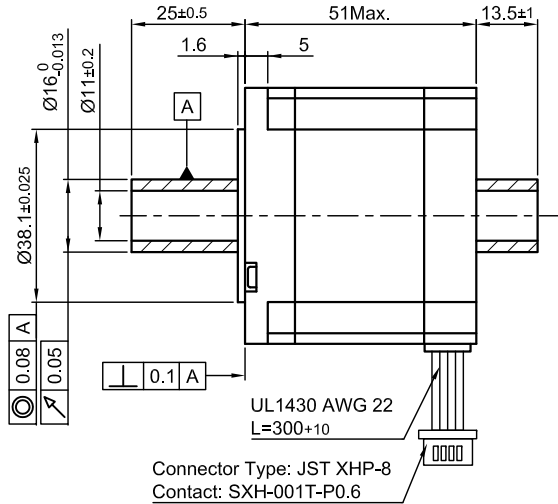


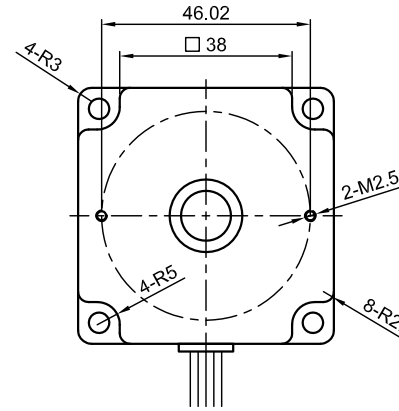
Front view and mounting



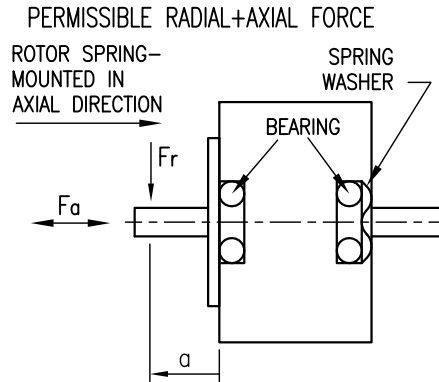
Side view



Rear view



SPECIFICATION	CONNECTION	
	UNIPOLAR OR BIPOLAR-1 WINDING	BIPOLAR SERIAL PARALLEL
VOLTAGE (VDC)	2.16	
AMPS/PHASE	3.0	2.12 4.24
RESISTANCE/PHASE (Ohms)@25°C	0.72±10%	1.44±10% 0.36±10%
INDUCTANCE/PHASE (mH) @1KHz	1.1±20%	4.4±20% 1.1±20%
HOLDING TORQUE (Nm) [lb-in]	0.65 [5.75]	0.92 [8.14] 0.92 [8.14]
DETENT TORQUE (Nm) [lb-in]	0.03 [0.266]	
STEP ANGLE (°) ± ACCURACY	1.8±5% (NON-ACCUM)	
BACK-EMF (V) (300 U/min)		9.59 min.
ROTOR INERTIA (Kg-m <sup>2</sup> ) [lb-in <sup>2</sup> ]	2.75x10 <sup>-5</sup> [0.094]	
WEIGHT (Kg) [lb]	0.65 [1.43]	
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)		
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]		
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		
INSULATION CLASS B 130° [266°F]		
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)		
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)		

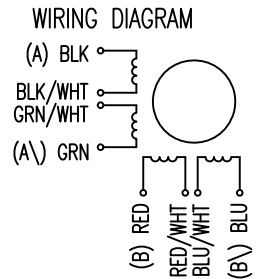


	AXIAL-FORCE Fa (N)				RADIAL-FORCE Fr (N)			
AXIAL-FORCE Fa (N)	Fa=15							
DISTANCE a (mm)	5	10	15	20				
RADIAL-FORCE Fr (N)	130	90	70	52				
	AXIAL				RADIAL			
SHAFT PLAY (mm)	0.08				0.02			
AT LOAD MAX: (N)	4.5				4.5			

TYPE OF CONNECTION (EXTERN)				MOTOR		
UNIPOLAR	BIPOLAR 1WINDING	BIPOLAR SERIAL	BIPOLAR PARALLEL	CONNECTOR PIN NO. (A)	LEADS	WINDING
A	A	A	A	1	BLK	A
COM	A			3	BLK/WHT	
A\		A\	A\	2	GRN/WHT	A\
B	B	B	B	4	GRN	B
COM	B			5	RED	
B\		B\	B\	7	RED/WHT	B\
				6	BLU/WHT	
				8	BLU	

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

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



					SCALE FREE	APVD	S.H.	17.12.10	<h3>STEPPING MOTOR</h3>
					X ±0.5	CHKD			
					1PL ±0.2	DRN	J.W.	17.12.10	DWG.NO
					2PL ±0.1	SIGNATURE		DATE	ST5918S3008-L2
REV	DESCRIPTION	DATE	APVD	ST5918S3008-L2	ANGLE ±30'				