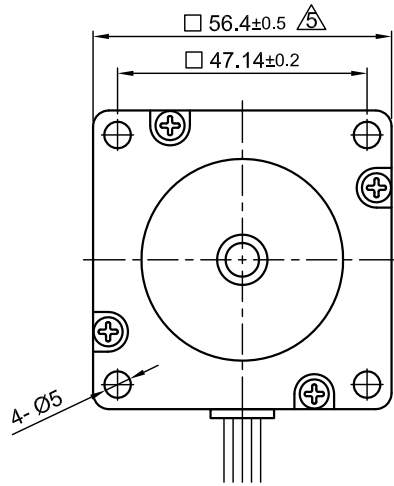
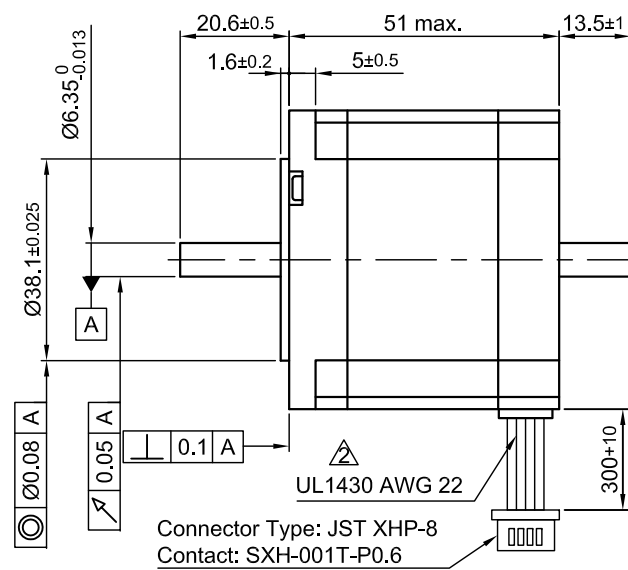


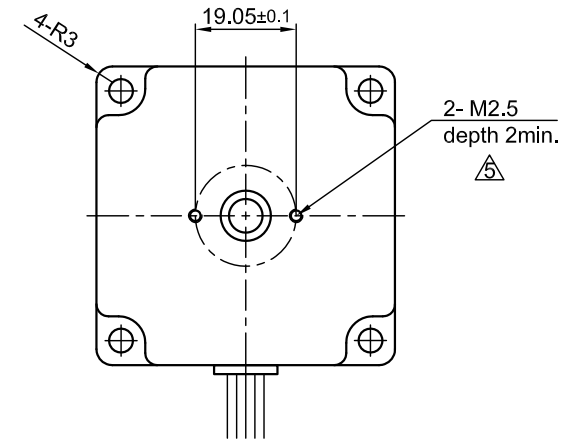
Front view and mounting



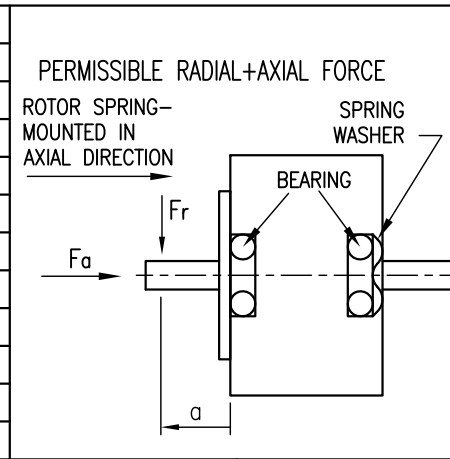
Side view



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		0.9±20%	3.6±20%	0.9±20%
HOLDING TORQUE (Nm) [lb-in]		0.7 [6.25]	0.99 [8.76]	0.99 [8.76]
DETENT TORQUE (Nm) [lb-in]		0.03 [0.266]		
STEP ANGLE (°)		1.8		
ACCURACY(NON-ACCUM)		±5%		
ROTOR INERTIA (Kg-m ²) [lb-in ²]		2.75x10 ⁻⁵ [0.094]		
WEIGHT (Kg) [lb]		0.65 [1.43]		



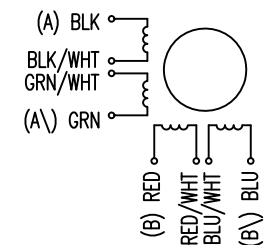
TYPE OF CONNECTION (EXTERN)				MOTOR		
UNIPOLAR	BIPOLAR 1WINDING	BIPOLAR SERIAL	BIPOLAR PARALLEL	CONNECTOR PIN NO.	LEADS	WINDING
A	A	A	A	1	BLK	A
COM	A			3	BLK/WHT	
A\	B	A\	A\	2	GRN/WHT	A\
B	B	B	B	4	GRN	B
COM	B			5	RED	
B\		B\	B\	7	RED/WHT	B\
				6	BLU/WHT	
				8	BLU	

TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)		AXIAL-FORCE Fa (N)		Fa=15	
AMBIENT TEMPERATURE -10~ 50°C [14°F ~ 122°F]		DISTANCE a (mm)		5	10
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		RADIAL-FORCE Fr (N)		130	90
INSULATION CLASS B 130° [266°F]				70	52
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)		0.08	0.02
		AT LOAD MAX: (N)		4.5	4.5

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

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

WIRING DIAGRAM



5	revise draw./ change tol.	02.11.16	A.S.				APVD	S.Ha.	19.03.07	STEPPING MOTOR	
4	NEW VALUE OF INDUCTANCE	13.12.13	J.D.				CHKD				
3	HOLD.TOR.+DELE. BACK-EMF	18.11.13	J.D.	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	DRN	J.W.	21.11.06	DWG.NO	
REV	DESCRIPTION	DATE	DRN				SIGNATURE		DATE	ST5918S3008-B	