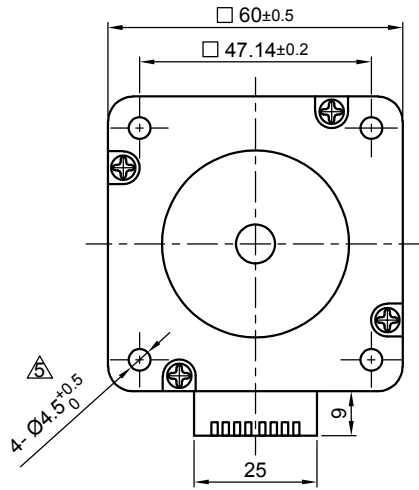
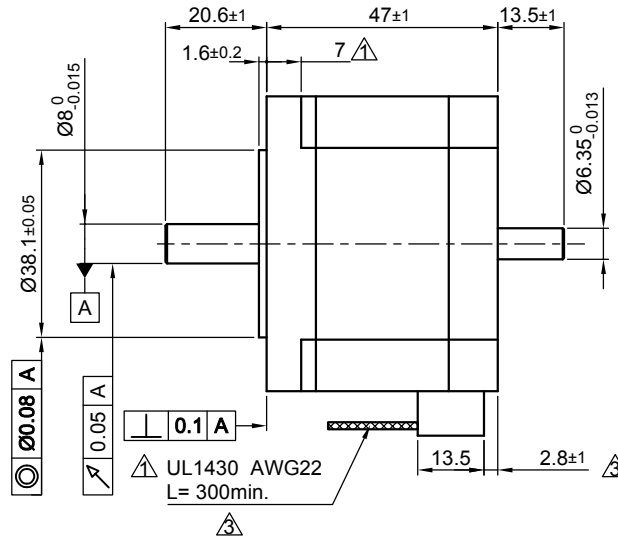


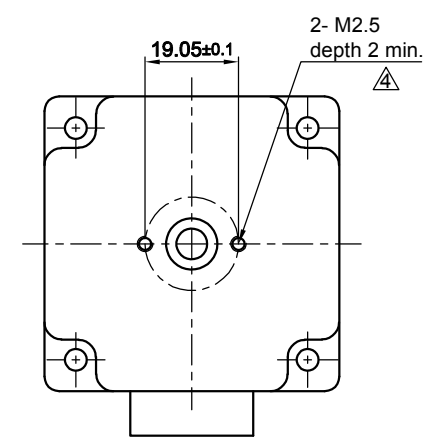
Front view and mounting



Side view

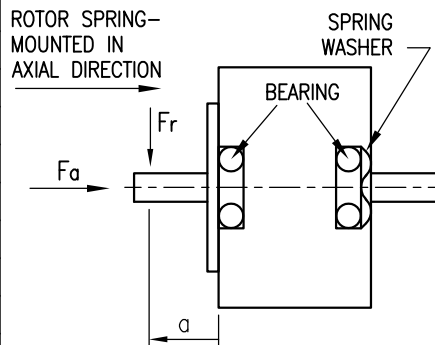


Rear view



SPECIFICATION	CONNECTION		UNIPOLAR OR BIPOLAR-1 WINDING		BIPOLAR	
			SERIES	PARALLEL		
VOLTAGE (VDC)	2.92					
AMPS/PHASE	2.0		1.41	2.82		
RESISTANCE/PHASE (Ohms)@25°C	1.7±15%		3.4±15%	0.85±15%		
INDUCTANCE/PHASE (mH) @1KHz	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%					
ROTOR INERTIA (Kg-m ²) [lb-in ²]	2.75x10 ⁻⁵ [0.094]					
WEIGHT (Kg) [lb]	0.6 [1.32]					

PERMISSIBLE RADIAL+AXIAL FORCE



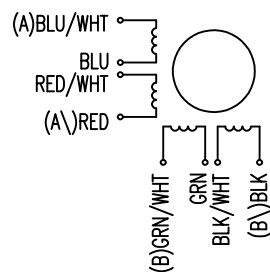
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)	AXIAL-FORCE Fa (N)	Fa=14			
AMBIENT TEMPERATURE -10°~ 50°C [14°F ~ 122°F]	DISTANCE a (mm)	5	10	15	20
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)	RADIAL-FORCE Fr (N)	163	112	85	63
INSULATION CLASS B 130° [266°F]			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		

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	+	-	-	+	↑	↓

WIRING DIAGRAM



5	change value res./toler./rem. detent tor.	04.07.17	A.S.
4	change tolerance	08.11.16	A.S.
3	change tol. cable/rework draw	09.03.16	A.S.
REV	DESCRIPTION	DATE	DRN



Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715
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APVD	S.Ha.	16.01.07
CHKD		
DRN	J.W.	13.07.06
SIGNATURE	DATE	

STEPPING MOTOR

DWG.NO

ST6018X2008-B