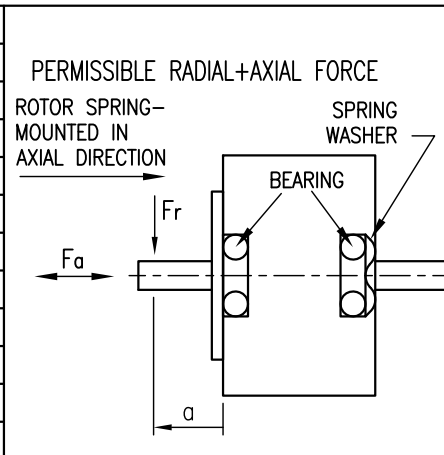


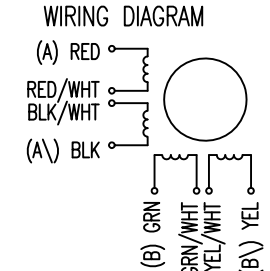
SPECIFICATION	CONNECTION	UNIPOLAR OR BIPOLAR-1 WINDING	BIPOLAR	
			SERIAL	PARALLEL
VOLTAGE (VDC)		4.95		
AMPS/PHASE		4.5	3.18	6.36
RESISTANCE/PHASE (Ohms)@25°C		1.1±15%	2.2±15%	0.55±15%
INDUCTANCE/PHASE (mH) @1KHz		6.3±20%	25.2±20%	6.3±20%
HOLDING TORQUE (Nm) [lb-in]		6.6 [58.41]	9.33 [82.57]	9.33 [82.57]
DETENT TORQUE (Nm) [lb-in]		0.20 [1.77]		
STEP ANGLE (°)		1.8		
STEP ACCURACY (NON-ACCUM)		± 5%		
ROTOR INERTIA (Kg-m <sup>2</sup> ) [lb-in <sup>2</sup> ]		3.0x10 <sup>-4</sup> [1.025]		
WEIGHT (Kg) [lb]		3.95 [8.71]		



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

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=65			
AMBIENT TEMPERATURE -20~ 50°C [-4°F ~ 122°F]	DISTANCE a (mm)	5	10	15	20
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)	RADIAL-FORCE Fr (N)	535	355	256	200
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	

2	REMOVE TEXT	03.03.15	A.S.		SCALE FREE	APVD	S.Ha.	09.01.07	<b>STEPPING MOTOR</b>
1	THICKNESS OF FLANGE	27.05.11	J.W.		X ±0.5	CHKD			
REV	DESCRIPTION	DATE	APVD	ST8918L4508-A	1PL ±0.2	DRN	J.W.	13.06.06	DWG.NO
					2PL ±0.1	SIGNATURE			ST8918L4508-A
					ANGLE ±30'				