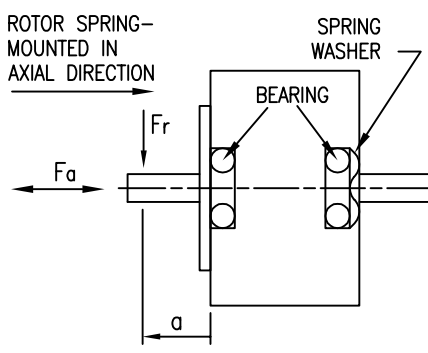


CONNECTION	BIPOLAR
VOLTAGE (VDC)	1.6
AMPS/PHASE	1.2
RESISTANCE/PHASE (Ohms)@25°C	1.3±10%
INDUCTANCE/PHASE (mH) @1KHz	2.3±20%
HOLDING TORQUE (Nm) [lb-in]	0.118 [1.044]
DETENT TORQUE (Nm) [lb-in]	7.0x10 <sup>-3</sup> [0.062]
STEP ANGLE (°)	1.8
STEP ACCURACY (NON-ACCUM)	±5%
ROTOR INERTIA (Kg-m <sup>2</sup> ) [lb-in <sup>2</sup> ]	2.0x10 <sup>-6</sup> [6.83x10 <sup>-3</sup> ]
WEIGHT (Kg) [lb]	0.15 [0.331]
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)	

PERMISSIBLE RADIAL+AXIAL FORCE

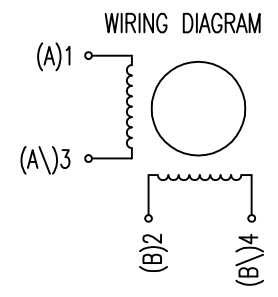


AXIAL-FORCE $F_a$ (N)	n.a.
DISTANCE $a$ (mm)	15
RADIAL-FORCE $F_r$ (N)	9.8
	AXIAL   RADIAL
SHAFT PLAY (mm)	0.65   n.a.
AT LOAD MAX: (N)	0   n.a.

TYPE OF CONNECTION (EXTERN)	MOTOR		
	CONNECTOR PIN NO.	LEADS	WINDING
A —	1	BLU	A
A\ —	3	GRE	A\
B —	2	GRE	B
B\ —	4	GRE	B\

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

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



REV	DESCRIPTION	DATE	APVD	NANOTEC:	SCALE FREE	APVD	S.Ha.	16.01.07	STEPPING MOTOR
				SL4218X1204-A	X ±0.5 1PL ±0.2 2PL ±0.1 ANGLE ±30'	CHKD	J.W.	27.09.06	
						SIGNATURE		DATE	SL4218X1204-A