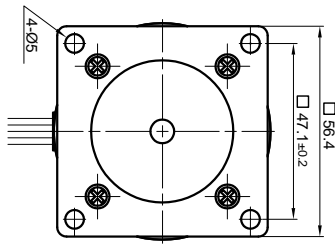
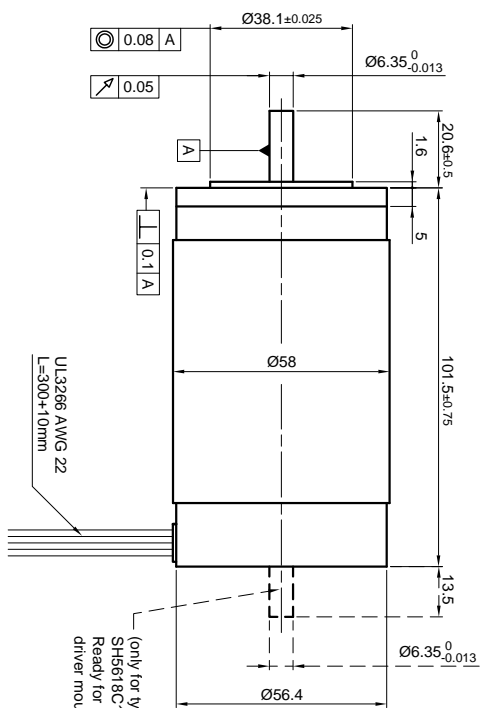


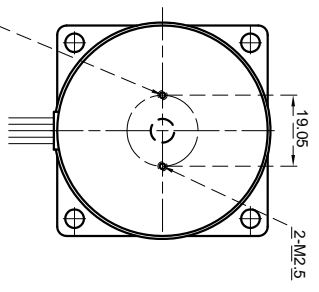
Front view and mounting



Side view

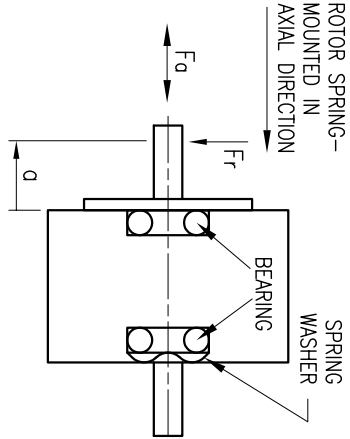


Rear view



SPECIFICATION	UNIPOLAR OR BIPOLAR -1 WINDING	
	SERIAL	PARALLEL
VOLTAGE (VDC)	6.0	8.52
AMPS/PHASE	1.88	1.33
RESISTANCE/PHASE (Ohms)@25°C	3.2±15%	6.4±15%
INDUCTANCE/PHASE (mH) @1KHz	7.2±20%	28.8±20%
HOLDING TORQUE (Nm) [lb-in]	1.3 [11.51]	1.84 [16.28]
DETTENT TORQUE (Nm) [lb-in]	0.039 [0.345]	1.84 [16.28]
STEP ANGLE (°)	1.8	
STEP ACCURACY (NON-ACCUM)	±5%	
ROTOR INERTIA (kg-m ²) [lb-in ²]	3.50x10 ⁻⁵ [0.12]	
WEIGHT (kg) [lb]	1.4 [3.087]	
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)		

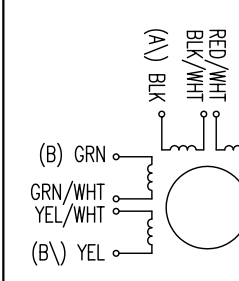
PERMISSIBLE RADIAL+AXIAL FORCE



SCALE FREE	APVD		S.K.K.	
	CHKD	DRN	DATE	SIGNATURE
X ±0.5	CHKD	DRN	13.07.06	J.W.
1PL ±0.2				
2PL ±0.1				
ANGLE ±30°				

AXIAL-FORCE Fa (N)	Fa=10			
	5	10	15	20
DISTANCE a (mm)	5	10	15	20
RADIAL-FORCE Fr (N)	130	90	70	52
AXIAL	AXIAL	RADIAL		
SHAFT PLAY (mm)	0.075	0.025		
AT LOAD MAX: (N)	10	5.0		

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



REV	DESCRIPTION	DATE	APVD	DESCRIPTION	DATE
				SH5618C1908	

NANOTEC:
SH5618C1908

STEPPING MOTOR
DWC.NO SH5618C1908