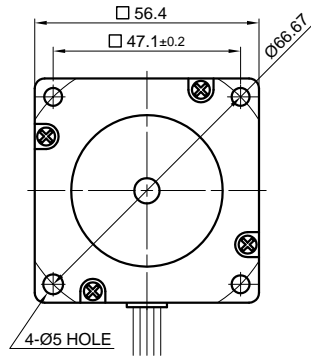
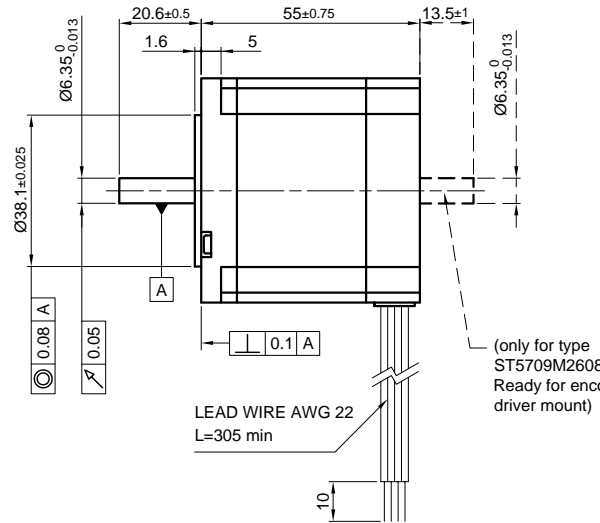


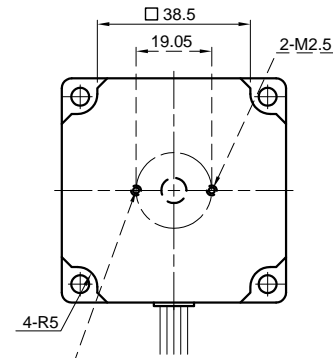
Front view and mounting



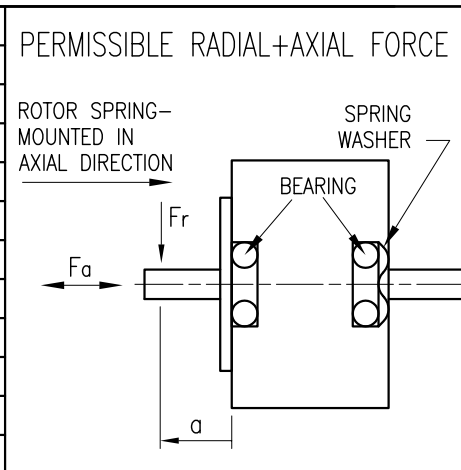
Side view



Rear view

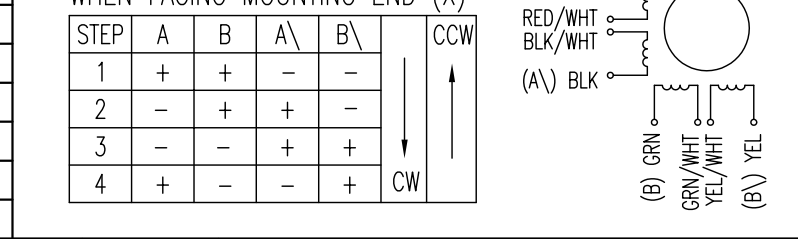


SPECIFICATION	CONNECTION		BIPOLAR	
	UNIPOLAR OR BIPOLAR-1 WINDING		SERIAL	PARALLEL
VOLTAGE (VDC)	2.9			
AMPS/PHASE	2.6		1.84	3.68
RESISTANCE/PHASE (Ohms)@25°C	1.12±15%		2.24±15%	0.56±15%
INDUCTANCE/PHASE (mH) @1KHz	2.6±20%		10.4±20%	2.6±20%
HOLDING TORQUE (Nm) [lb-in]	0.85 [7.523]		1.2 [10.62]	1.2 [10.62]
DETENT TORQUE (Nm) [lb-in]	0.0255 [0.226]			
STEP ANGLE (°)	0.9			
STEP ACCURACY (NON-ACCUM)	±5%			
ROTOR INERTIA (Kg-m ²) [lb-in ²]	3.0x10 ⁻⁵ [0.102]			
WEIGHT (Kg) [lb]	0.7 [1.543]			



TYPE OF CONNECTION (EXTERN)	MOTOR				
	BIPOLAR			LEADS	WINDING
UNIPOLAR	1WINDING	SERIAL	PARALLEL		
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	

TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)	AXIAL-FORCE Fa (N)	Fa=10			
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)	130	90	70	52
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		



REV	DESCRIPTION	DATE	APVD	NANOTEC:	SCALE FREE	APVD	S.H.a.	15.01.07	STEPPING MOTOR	
				ST5709M2608	X ±0.5	CHKD			DWG.NO	ST5709M2608
					1PL ±0.2	DRN	J.W.	05.07.06		
					2PL ±0.1	SIGNATURE		DATE		
					ANGLE ±30'					