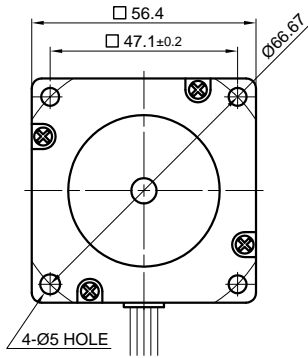
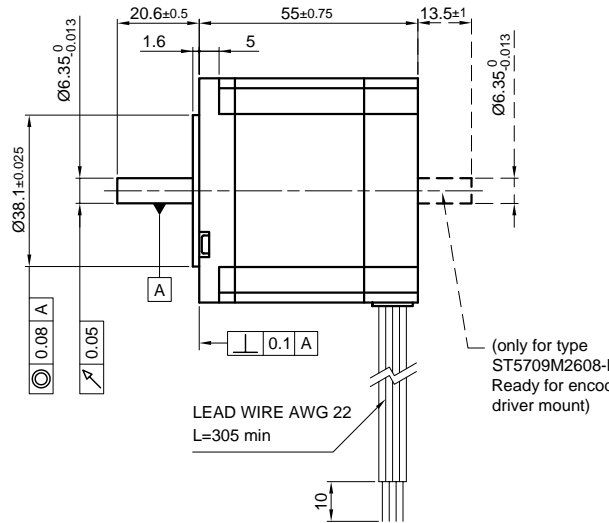


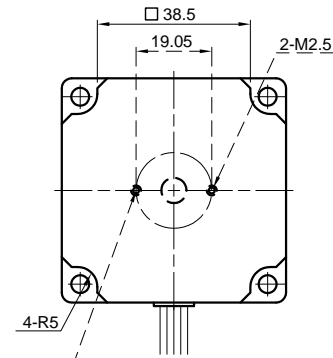
Front view and mounting



Side view

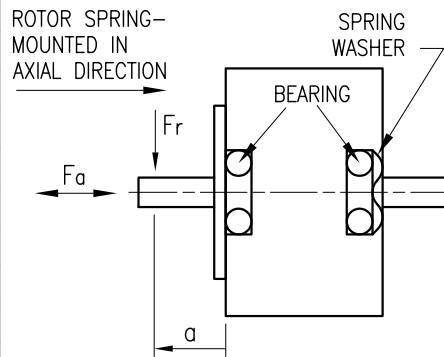


Rear view



SPECIFICATION	CONNECTION	UNIPOLAR OR BIPOLAR-1 WINDING		BIPOLAR	
		SERIAL	PARALLEL	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-m²) [lb-in²]		3.0x10 ⁻⁵ [0.102]			
WEIGHT (Kg) [lb]		0.7 [1.543]			
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
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		RADIAL-FORCE Fr (N)		130	90
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

PERMISSIBLE RADIAL+AXIAL FORCE

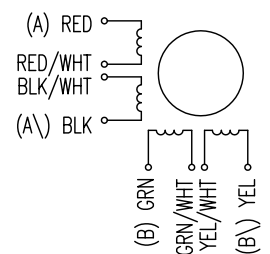


TYPE OF CONNECTION (EXTERN)	BIPOLAR			MOTOR	
	1WINDING	SERIAL	PARALLEL	LEADS	WINDING
UNIPOLAR					
A	A	A	A	RED	A
COM				RED/WHT	
A\		A\	A\	BLK/WHT	A\
B	B	B	B	BLK	B
COM				GRN	
B\		B\	B\	GRN/WHT	B\
				YEL/WHT	
				YEL	

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

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

WIRING DIAGRAM



REV	DESCRIPTION	DATE	APVD	NANOTEC:	SCALE	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'					