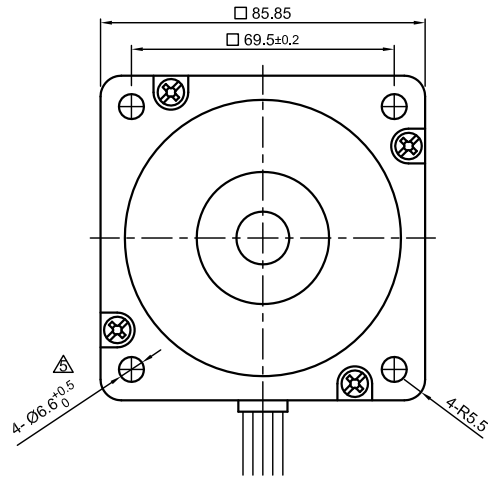
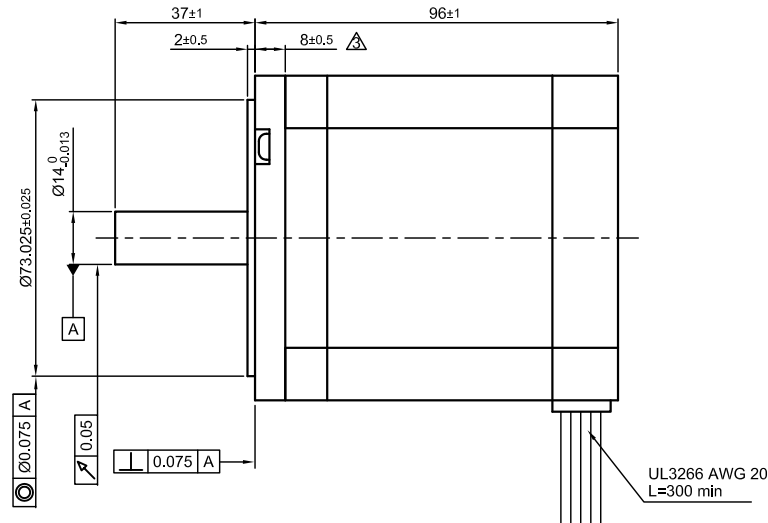


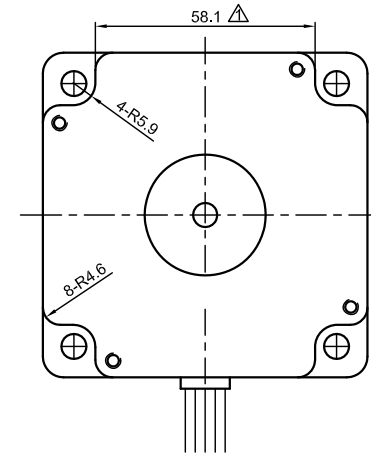
Front view and mounting



Side view

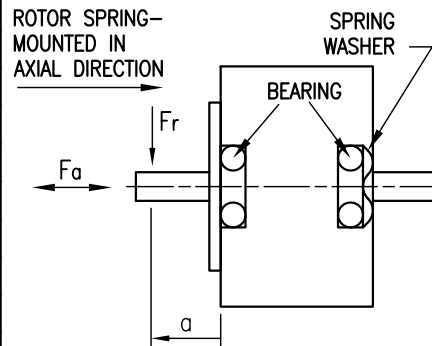


Rear view



SPECIFICATION	CONNECTION	UNIPOLAR OR BIPOLAR-1 WINDING	BIPOLAR	
			SERIES	PARALLEL
VOLTAGE (VDC)		3.0		
AMPS/PHASE		6.7	4.74	9.47
RESISTANCE/PHASE (Ohms)@25°C		0.45±15%	0.9±15%	0.23±15%
INDUCTANCE/PHASE (mH) @1KHz		2.1±20% $\triangle 5$	8.4±20% $\triangle 5$	2.1±20% $\triangle 5$
HOLDING TORQUE (Nm) [lb-in]		4.2 [37.17]	5.94 [52.57]	5.94 [52.57]
STEP ANGLE (°)		1.8 $\triangle 4$		
STEP ACCURACY (NON-ACCUM)		± 5% $\triangle 4$		
ROTOR INERTIA (Kg-m ²) [lb-in ²]		1.9x10 ⁻⁴ [0.65]		$\triangle 2$
WEIGHT (Kg) [lb]		2.8 [6.174]		

PERMISSIBLE RADIAL+AXIAL FORCE

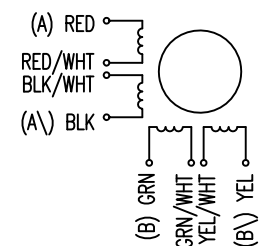


UNIPOLAR	TYPE OF CONNECTION (EXTERN)			MOTOR	
	1WINDING	SERIES	PARALLEL	LEADS	WINDING
A	A	A	A	RED	A
COM				RED/WHT	
A\		A\	A\	BLK	A\
B	B	B	B	GRN	B
COM				GRN/WHT	
B\		B\	B\	YEL/WHT	B\
				YEL	

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

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

WIRING DIAGRAM



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] $\triangle 4$			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	

5	change induc./ revise draw.	21.11.17	A.S.
4	REMOVE TEXT	04.03.15	A.S.
3	THICKNESS OF FLANGE	06.11.13	A.S.
REV	DESCRIPTION	DATE	DRN



Surface specification DIN ISO 1302
 General tolerances DIN ISO 2768- cH
 Work piece edge DIN ISO 13715

APVD	<i>S.Ha.</i>	09.01.07
CHKD		
DRN	<i>J.W.</i>	14.06.06
SIGNATURE	DATE	

STEPPING MOTOR
 DWG.NO
 ST8918M6708-A