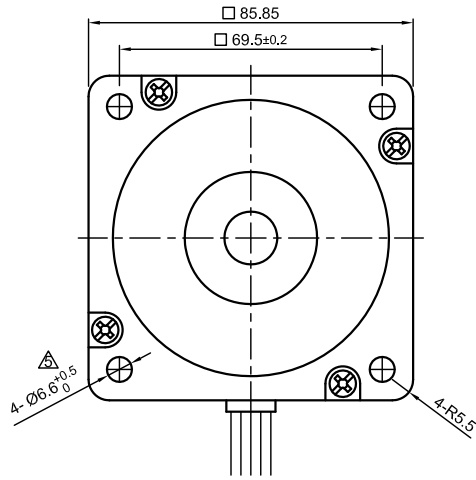
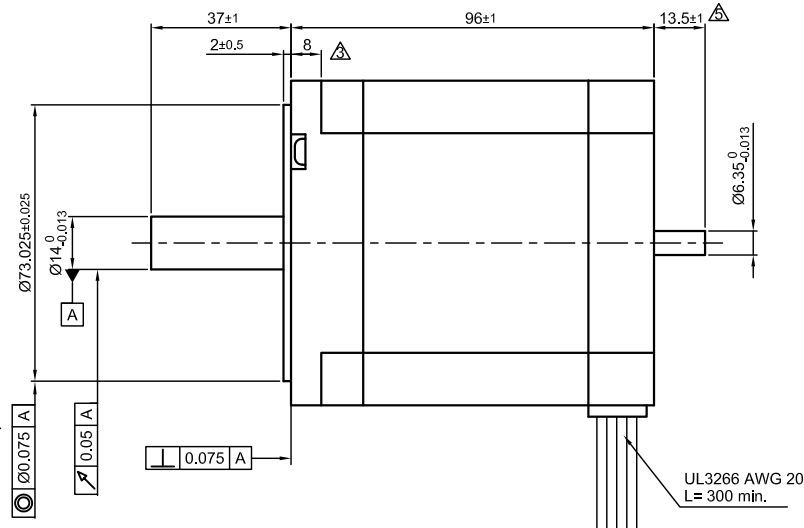


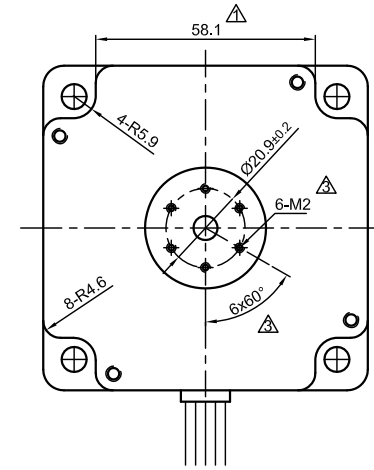
Front view and mounting



Side view

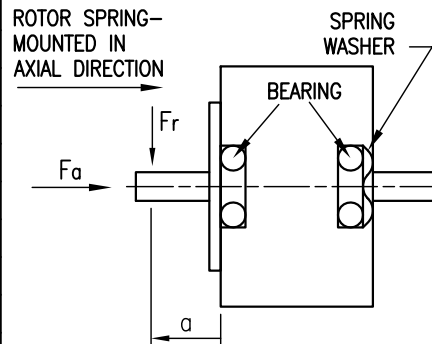


Rear view



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



TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)				
AMBIENT TEMPERATURE -20°~ 50°C [-4°F ~ 122°F]				
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)				
INSULATION CLASS B 130° [266°F] $\triangle 4$				
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)				
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)				

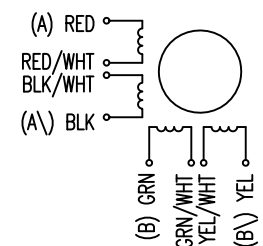
	AXIAL-FORCE Fa (N)	
	Fa=65	
DISTANCE a (mm)	5	10
RADIAL-FORCE Fr (N)	535	355
	256	200
	AXIAL	RADIAL
SHAFT PLAY (mm)	0.075	0.025
AT LOAD MAX: (N)	10	5.0

UNIPOLAR	TYPE OF CONNECTION (EXTERN)			MOTOR	
	1WINDING	BIPOLAR		LEADS	WINDING
A	A	SERIES	PARALLEL	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	CW
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

WIRING DIAGRAM



5	change induc./ revise draw.	21.11.17	A.S.
4	REMOVE TEXT	04.03.15	A.S.
3	NEW THREAD/THICKNESS OF FLANGE	25.07.13	A.S.
REV	DESCRIPTION	DATE	DRN



Surface specification
DIN ISO 1302

General tolerances
DIN ISO 2768- cH

Work piece edge
DIN ISO 13715

APVD	S.Ha.	09.01.07
CHKD		
DRN	J.W.	14.06.06
SIGNATURE	DATE	

STEPPING MOTOR

DWG.NO

ST8918M6708-B