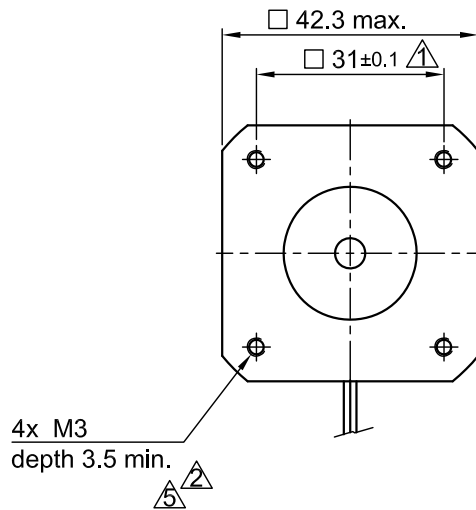
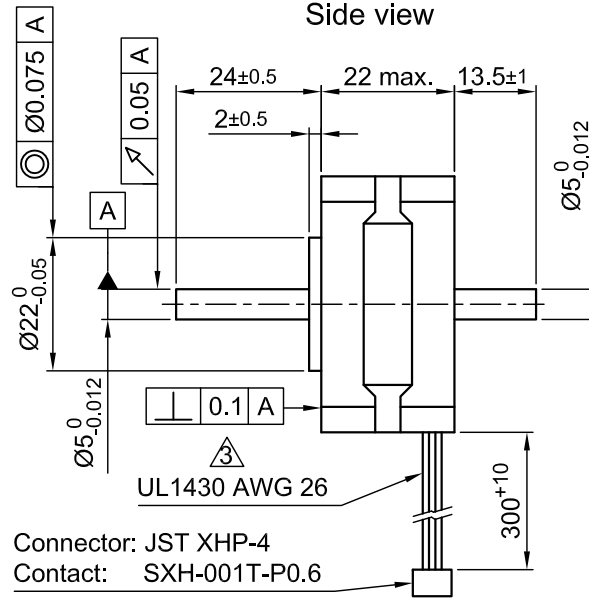


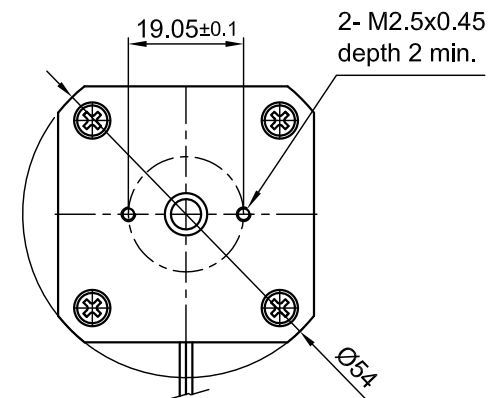
Front view and mounting



Side view



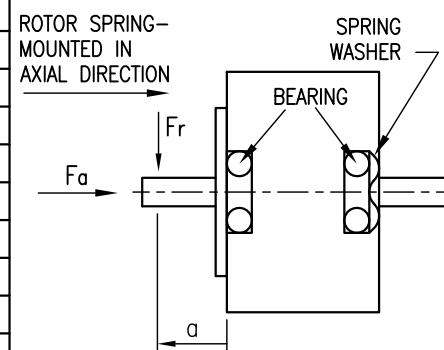
Rear view



Connector: JST XHP-4
Contact: SXH-001T-P0.6

CONNECTION	BIPOLAR
SPECIFICATION	
VOLTAGE (VDC)	8.7
AMPS/PHASE	1.0
RESISTANCE/PHASE (Ohms)@25°C	8.7±15%
INDUCTANCE/PHASE (mH) @1KHz	18±20% \triangle
HOLDING TORQUE (Nm) [lb-in]	0.17 [1.505] \triangle
STEP ANGLE (°)	0.9
STEP ACCURACY (NON-ACCUM)	±5% \triangle
ROTOR INERTIA (Kg-m ²) [lb-in ²]	2.0x10 ⁻⁶ [6.8x10 ⁻³]
WEIGHT (Kg) [lb]	0.15 [0.33]

PERMISSIBLE RADIAL+AXIAL FORCE



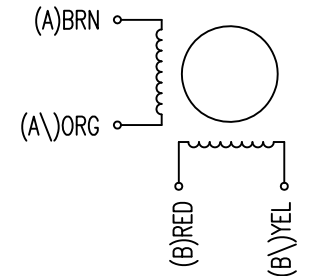
TYPE OF CONNECTION (EXTERN)	MOTOR		
	BIPOLAR	CONNECTOR PIN NO.	LEADS WINDING
A —	1	BRN	A
A\ —	2	ORG	A\
B —	3	RED	B
B\ —	4	YEL	B\

TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)	AXIAL-FORCE Fa (N)	Fa=7			
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)	58	36	26	20
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		

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 tol./revise draw.	16.05.17	A.S.
4	VALUE OF BACK-EMF	01.07.11	J.W.
3	INDUCTANCE+UL NO.	01.07.09	J.W.
REV	DESCRIPTION	DATE	DRN



Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715
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APVD	S.Hα	15.12.06
CHKD		
DRN	J.W.	29.06.06
SIGNATURE	DATE	

STEPPING MOTOR	
DWG.NO	ST4209X1004-B