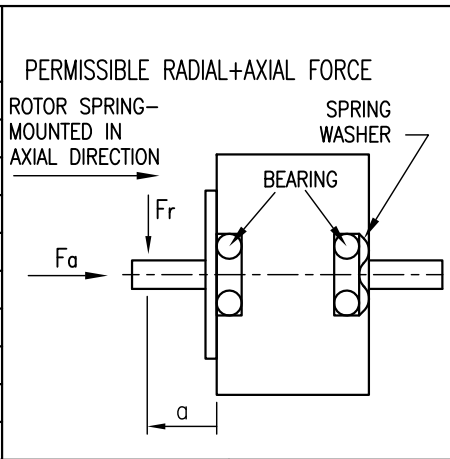


SPECIFICATION	CONNECTION	BIPOLAR
VOLTAGE (VDC)		2.8
AMPS/PHASE		1.4
RESISTANCE/PHASE (Ohms)@25°C		2.0±15%
INDUCTANCE/PHASE (mH) @1KHz		3±20%
HOLDING TORQUE (Nm) [lb-in]		0.2 [1.77]
DETENT TORQUE (Nm) [lb-in]		6.0x10 ⁻³ [5.31x10 ⁻²]
STEP ANGLE (°)		1.8
STEP ACCURACY (NON-ACCUM)		±5%
ROTOR INERTIA (Kg-m ²) [lb-in ²]		3.8x10 ⁻⁶ [1.31x10 ⁻²]
WEIGHT (Kg) [lb]		0.2 [0.44]

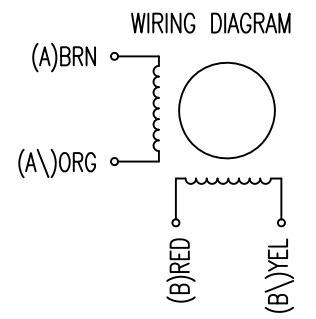


PIN NO	TYPE OF CONNECTION (EXTERN)		MOTOR	
	BIPOLAR	LEADS	WINDING	
1	A —	BRN	A	[Circuit diagram showing A and A\ windings]
2	A\ —	ORG	A\	
3	B —	RED	B	[Circuit diagram showing B and B\ windings]
4	B\ —	YEL	B\	

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
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)		RADIAL-FORCE Fr (N)	58	36
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)	0.08	0.02
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)		AT LOAD MAX: (N)	4.5	4.5

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

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



5	change motor length	04.10.16	A.S.		APVD	S.Hα.	26.02.07	STEPPING MOTOR		
4	change inductance	23.02.16	A.S.		CHKD					
3	rework draw/change depth M2.5/M3	09.02.16	A.S.	Surface specification DIN ISO 1302	General tolerances DIN ISO 2768- cH	Work piece edge DIN ISO 13715	DRN	J.W.	16.10.06	DWG.NO
REV	DESCRIPTION	DATE	DRN				SIGNATURE	DATE		ST4118S1404-B