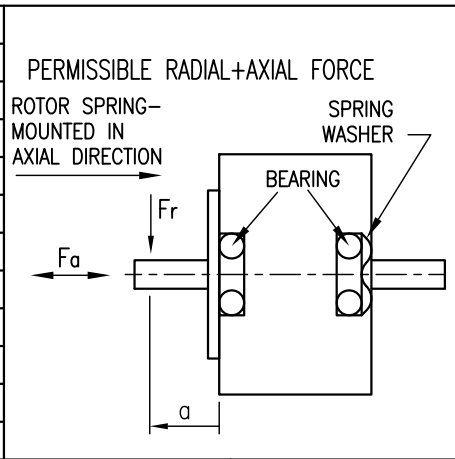


SPECIFICATION	CONNECTION	UNIPOLAR OR BIPOLAR-1 WINDING	BIPOLAR	
			SERIAL	PARALLEL
VOLTAGE (VDC)		2.7 $\Delta$		
AMPS/PHASE		4.5	3.18	6.36
RESISTANCE/PHASE (Ohms)@25°C $\Delta$		0.6±15%	1.2±15%	0.3±15%
INDUCTANCE/PHASE (mH) @1KHz $\Delta$		1.9±20%	7.6±20%	1.9±20%
HOLDING TORQUE (Nm) [lb-in] $\Delta$		2.5 [22.12]	3.6 [31.86]	3.6 [31.86]
DETENT TORQUE (Nm) [lb-in]		0.12 [1.062]		
STEP ANGLE (°)		1.8 $\Delta$		
STEP ACCURACY (NON-ACCUM)		± 5% $\Delta$ $\Delta$		
ROTOR INERTIA (Kg-m <sup>2</sup> ) [lb-in <sup>2</sup> ]		1.0x10 <sup>-4</sup> [0.342]		
WEIGHT (Kg) [lb]		1.7 [3.75]		

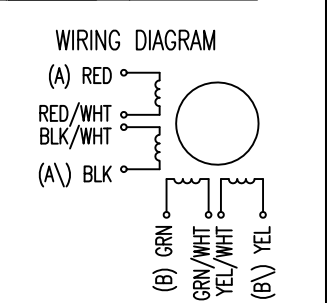


SPECIFICATION	TYPE OF CONNECTION (EXTERN)				MOTOR	
	UNIPOLAR	BIPOLAR			LEADS	WINDING
		1WINDING	SERIAL	PARALLEL		
A	—	A	A	A	RED	A
COM	—	—	—	—	RED/WHT	
A\	—	A\	A\	A\	BLK/WHT	A\
B	—	B	B	B	BLK	B
COM	—	—	—	—	GRN	
B\	—	B\	B\	B\	GRN/WHT	B\
					YEL/WHT	
					YEL	

	AXIAL-FORCE Fa (N)	Fa=65			
DISTANCE a (mm)		5	10	15	20
RADIAL-FORCE Fr (N)		535	355	256	200
		AXIAL	RADIAL		
SHAFT PLAY (mm)		0.075	0.025		
AT LOAD MAX: (N)		10	5.0		

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

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



5	REMOVE TEXT	04.03.15	A.S.	 <b>Nanotec</b> PLUG & DRIVE	SCALE FREE	APVD	S.H.	01.04.08	<b>STEPPING MOTOR</b>
4	NEW THREAD	25.07.13	A.S.		X ±0.5	CHKD			
3	NEW VALUES+TOLERANCE	11.08.11	J.W.		1PL ±0.2	DRN	J.W.	01.04.08	DWG.NO
REV	DESCRIPTION	DATE	APVD	ST8918S4508-B	2PL ±0.1	SIGNATURE	DATE	ST8918S4508-B	
					ANGLE ±30'				