

SPECIFICATION	
AMPS/PHASE	0.67
RESISTANCE/PHASE (Ohms)@25°C	9.2±15%
INDUCTANCE/PHASE (mH) @1KHz	7.2±20%
SPINDLE PITCH (mm) [in]	5 [0.197]
THRUST (N) [lbf]	60 [13.48]
RESOLUTION (mm/FULLSTEP)	0.025
STATIC THRUST (N) [lbf] (NO CURRENT)	17
MAX. SPEED (mm/sec.) AT 48V	140
MAX. SPEED WITH MAX. THRUST (mm/sec.) AT 48V	50
WEIGHT (Kg) [lb]	0.39 [0.86]
TEMPERATURE RISE: MAX.80°C (MOTOR STANDSTILL; FOR 2 PHASE ENERGIZED)	
AMBIENT TEMPERATURE -10°~ 50°C [14°F ~ 122°F]	
INSULATION RESISTANCE 100 MOhm (UNDER NORMAL TEMPERATURE AND HUMIDITY)	
INSULATION CLASS B 130° [266°F]	
DIELECTRIC STRENGTH 500VAC FOR 1 MIN. (BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	
AMBIENT HUMIDITY MAX. 85% (NO CONDENSATION)	

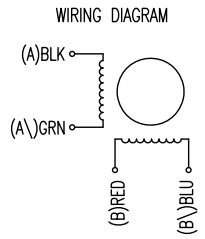
Please regard the application note at [www.nanotec.com](http://www.nanotec.com) for further informations.

Shaft play is adjustable at the motor.

PIN NO	TYPE OF CONNECTION (EXTERN)		MOTOR	
	BIPOLAR	LEADS	WINDING	
1	A	BLK	A	
2	A\	GRN	A\	
3	B	RED	B	
4	B\	BLU	B\	

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

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



						SCALE FREE	APVD	S.R.	02.11.10	<b>LINEAR ACTUATOR</b>	
						X ±0.5	CHKD			DWG.NO	
						1PL ±0.2	DRN	J.W.	02.11.10	L2818L0604-T5x5-A50	
REV	DESCRIPTION	DATE	APVD	L2818L0604-T5x5-A50		2PL ±0.1	SIGNATURE		DATE		
						ANGLE ±30'					