

SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		1.2
RESISTANCE/PHASE (Ohms)@25°C		1.9±10%
INDUCTANCE/PHASE (mH) @1KHz		2.1±20%
SPINDLE PITCH (mm) [in]		1
THRUST (N) (lb)		240 \triangle
RESOLUTION (mm/STEP)		0.005
STATIC THRUST(N)(NO CURRENT)		>240 \triangle
MAX. SPEED (mm/sec.) at 48V		50 \triangle
MAX. SPEED WITH MAX. TRUST (mm/sec.)		5 \triangle
WEIGHT (Kg) [lb]		0.15[0.331]
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 noten at www.nanotec.com for further informations.

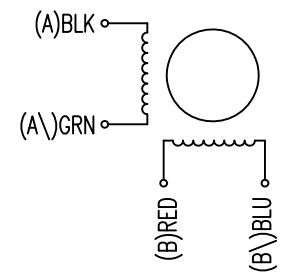
Shaft play is adjustable at the motor.

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

WIRING DIAGRAM

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

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



02	ADD TO RUN-OUT	23.06.16	B.L.	 Nanotec PLUG & DRIVE	SCALE FREE	APVD	HZQ	13.02.13	STEPPING MOTOR
01	Change The Data	03.12.13	B.L.		X ±0.5	CHKD	GYQ	13.02.13	
REV	DESCRIPTION	DATE	DRN		1PL ±0.2	DRN	B.L.	13.02.13	DWG.NO
LS3518S1204-T6x1-75					2PL ±0.1	SIGNATURE	DATE	LS3518S1204-T6x1-75	
					ANGLE ±30'				