



- Wide Selection of Windings
- Cost Effective 0.9° Stepper
- Can be Customized for:
 - Maximum Torque (see page 9)
 - Cables & Assemblies (see pages 21/70)
 - Shafts (see pages 21/69)
 - Drivers & Controllers (see page 99-108)
 - Maximum Efficiency (see page 12)



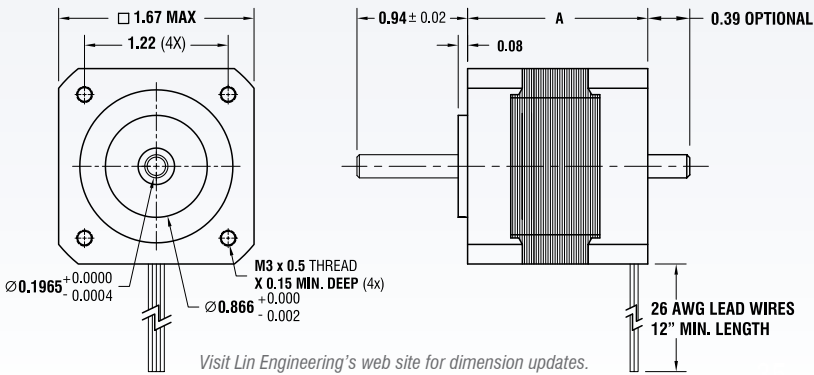
SPECIFICATIONS

BIPOLAR	Dimension "A" Max	Model #	Rated Current (Amps/Phase)	Holding Torque (oz-in)	Holding Torque (N-m)	Resistance (Ohms/Phase)	Inductance (mH/Phase)	Inertia (oz-in ²)	Weight (Lbs.)	Number of Leads
1.34" 34 mm		4209S-01S	0.67	31.0	0.22	9.6	18.4	0.19	0.44	4
		4209S-01P	1.34	31.0	0.22	2.4	4.6	0.19	0.44	4
		4209S-02S	0.42	31.0	0.22	19.2	39.7	0.19	0.44	4
		4209S-02P	0.84	31.0	0.22	4.8	9.9	0.19	0.44	4
		4209S-03S	0.22	31.0	0.22	74.4	172.0	0.19	0.44	4
		4209S-03P	0.44	31.0	0.22	18.6	43.0	0.19	0.44	4
1.57" 39.9 mm		4209M-01S	0.84	51.0	0.36	6.1	15.2	0.30	0.56	4
		4209M-01P	1.68	51.0	0.36	1.5	3.8	0.30	0.56	4
		4209M-02S	0.56	51.0	0.36	11.0	22.1	0.30	0.56	4
		4209M-02P	1.12	51.0	0.36	2.8	2.8	0.30	0.56	4
		4209M-03S	0.28	51.0	0.36	63.0	164.9	0.30	0.56	4
		4209M-03P	0.56	51.0	0.36	15.8	41.2	0.30	0.56	4
1.89" 48 mm		4209L-01S	0.84	62.0	0.44	7.6	21.2	0.37	0.80	4
		4209L-01P	1.68	62.0	0.44	1.9	5.3	0.37	0.80	4
		4209L-02S	0.56	62.0	0.44	13.2	35.0	0.37	0.80	4
		4209L-02P	1.12	62.0	0.44	3.3	8.7	0.37	0.80	4
		4209L-03S	0.29	62.0	0.44	57.3	163.7	0.37	0.80	4
		4209L-03P	0.57	62.0	0.44	14.3	40.9	0.37	0.80	4

UNIPOLAR	Dimension "A" Max	Model #	Rated Current (Amps/Phase)	Holding Torque (oz-in)	Holding Torque (N-m)	Resistance (Ohms/Phase)	Inductance (mH/Phase)	Inertia (oz-in ²)	Weight (Lbs.)	Number of Leads
1.34" 34 mm		4209S-01	0.95	22.2	0.16	4.8	4.6	0.19	0.44	6
		4209S-02	0.60	22.2	0.16	10.1	11.9	0.19	0.44	6
		4209S-03	0.31	22.2	0.16	37.2	43.0	0.19	0.44	6
1.57" 39.9 mm		4209M-01	1.20	36.1	0.25	3.0	3.8	0.30	0.56	6
		4209M-02	0.80	36.1	0.25	5.5	6.5	0.30	0.56	6
		4209M-03	0.40	36.1	0.25	31.5	41.2	0.30	0.56	6
1.89" 48 mm		4209L-01	1.20	44.4	0.31	3.8	5.3	0.37	0.80	6
		4209L-02	0.80	44.4	0.31	6.6	8.7	0.37	0.80	6
		4209L-03	0.40	44.4	0.31	28.7	40.9	0.37	0.80	6

- Please complete our application data sheet on page 116 for different windings.
- Call Lin Engineering for additional bipolar torque curves.
- Performance, use, and appearance specifications of the products listed here are subject to change without notice.
- For operating temperatures, see page 114.
- All specifications are approximations. Please contact Lin Engineering for more details.

DIMENSIONS



TORQUE CURVES

