

5609



- High Torque
- High Step Accuracy
- High Resolution
- Custom Windings Available (No Additional Cost)

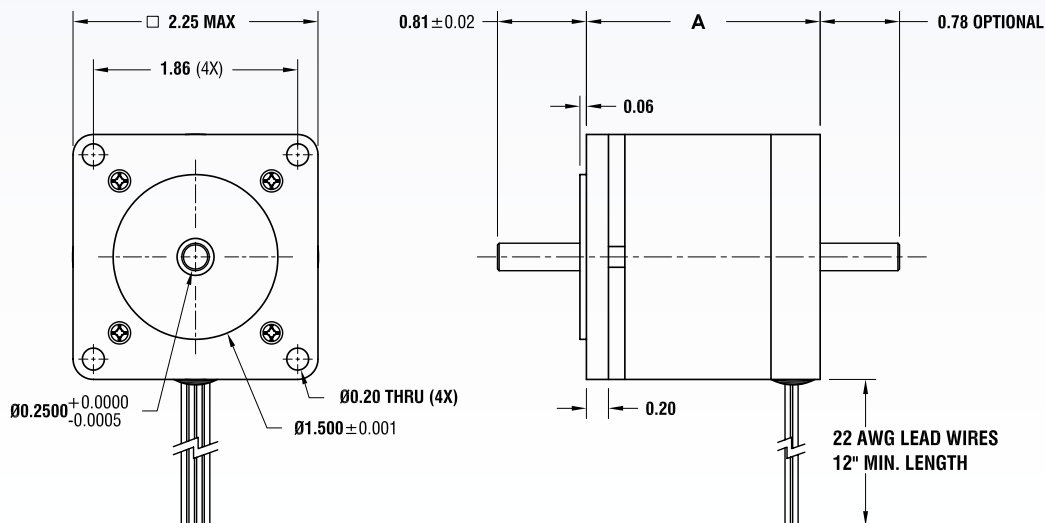
■ SPECIFICATIONS

BIPOLAR	Dimension "A" Max	Model #	Amps/ Phase	Torque oz-in	Torque N-m	Resistance Ohm/Phase	Inductance mH/Phase	Inertia oz-in ²	Weight Lbs.	Number of Leads
	1.55" 39.4 mm	5609X-01S	0.77	39.2	0.28	8.0	20.6	0.30	0.75	4
		5609X-01P	1.54	39.2	0.28	1.8	5.1	0.30	0.75	4
	2.08" 52.8 mm	5609S-04S	0.90	77.0	0.54	6.0	6.5	0.60	1.12	4
		5609S-04P	1.80	77.0	0.54	1.5	1.6	0.60	1.12	4
	2.20" 55.9 mm	5609M-01S	0.84	112.0	0.79	10.0	54.0	0.74	1.20	4
		5609M-01P	1.68	112.0	0.79	2.5	13.5	0.74	1.20	4
	3.08" 78.2 mm	5609L-05S	1.05	168.0	1.19	7.6	29.0	1.20	1.90	4
		5609L-05P	2.10	168.0	1.19	1.8	7.3	1.20	1.90	4

UNIPOLAR	Dimension "A" Max	Model #	Amps/ Phase	Torque oz-in	Torque N-m	Resistance Ohm/Phase	Inductance mH/Phase	Inertia oz-in ²	Weight Lbs.	Number of Leads
	1.55" 39.4 mm	5609X-01	1.10	28.0	0.23	3.6	5.1	0.30	0.75	6
	2.08" 52.8 mm	5609S-04	1.30	55.0	0.29	3.0	1.6	0.60	1.12	6
	2.20" 55.9 mm	5609M-01	1.20	80.0	0.68	5.0	13.5	0.74	1.20	6
	3.08" 78.2 mm	5609L-05	1.50	120.0	0.93	3.6	7.3	1.20	1.90	6

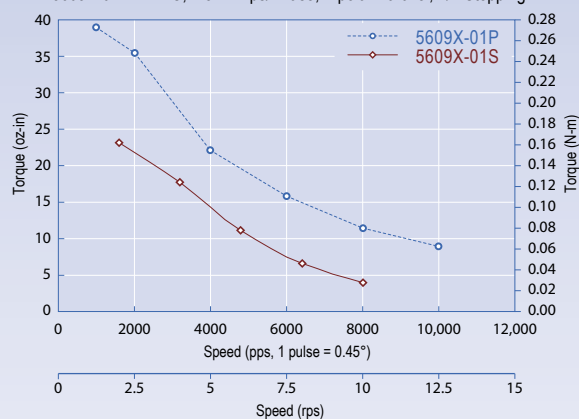
- Please complete our application data sheet for different windings.
- Power supply voltage can be any value as long as the driver output current is controlled at the rated current.
- Call Lin Engineering for additional bipolar torque curves.
- Performance, use, and appearance specifications of the products listed here are subject to change without notice.
- For operating temperatures, see page 94.

■ DIMENSIONS (inches)

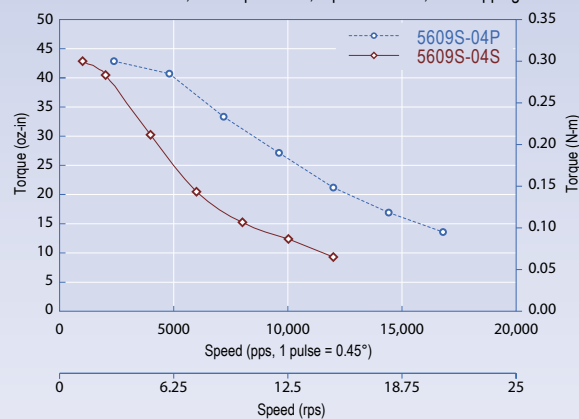


TORQUE CURVES

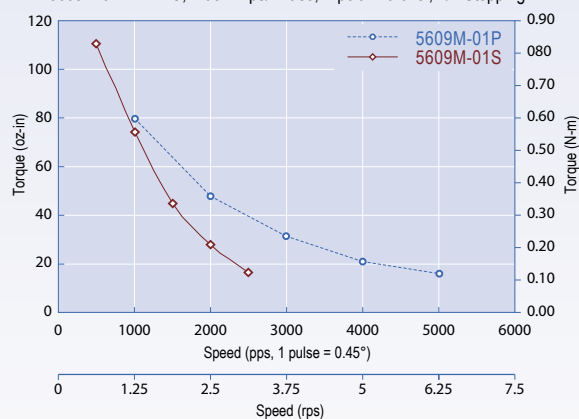
5609X-01S 24vDC, 0.77 Amps/Phase, Bipolar Series, 1/2 Stepping
5609X-01P 24vDC, 1.54 Amps/Phase, Bipolar Parallel, 1/2 Stepping



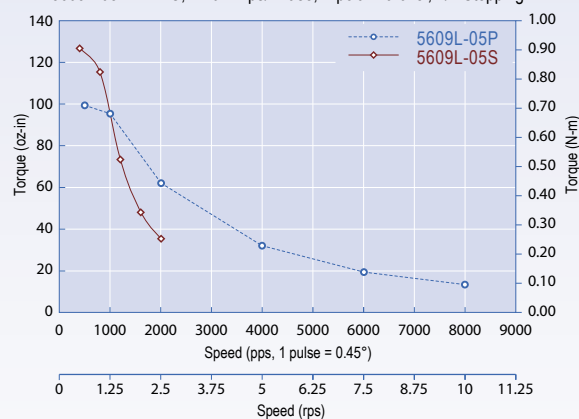
5609S-04S 24vDC, 0.9 Amps/Phase, Bipolar Series, 1/2 Stepping
5609S-04P 24vDC, 1.8 Amps/Phase, Bipolar Parallel, 1/2 Stepping



5609M-01S 24vDC, 0.84 Amps/Phase, Bipolar Series, 1/2 Stepping
5609M-01P 24vDC, 1.68 Amps/Phase, Bipolar Parallel, 1/2 Stepping



5609L-05S 24vDC, 1.05 Amps/Phase, Bipolar Series, 1/2 Stepping
5609L-05P 24vDC, 2.10 Amps/Phase, Bipolar Parallel, 1/2 Stepping



DID YOU KNOW...

Lin Engineering has implemented Statistical Process Control along with Six Sigma System to meet your expectations for product quality & reliability.