

3509V



- NEMA Size 14 or 17 Mountings
- Small Package
- Cost Effective
- Custom Windings Available (No Additional Cost)

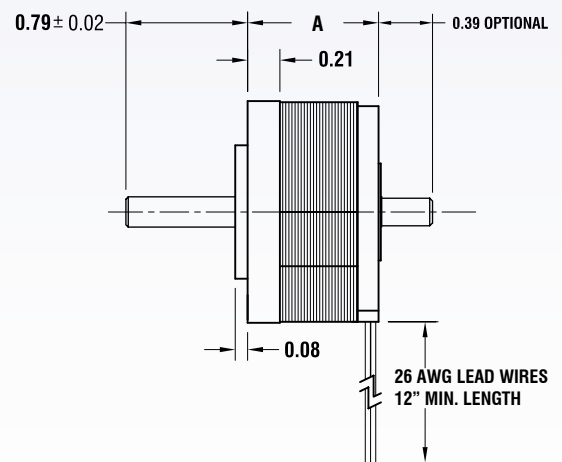
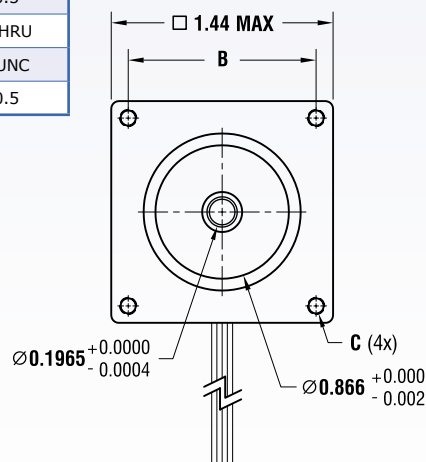
■ SPECIFICATIONS

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
	0.85" 21.6 mm	3509V-03	1.20	16.0	0.11	3.0	1.2	0.07	0.27	4
		3509V-06	0.80	16.0	0.11	7.0	6.0	0.07	0.27	4
		3509V-18	0.60	16.0	0.11	10.0	7.7	0.07	0.27	4

- 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 motor's 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)

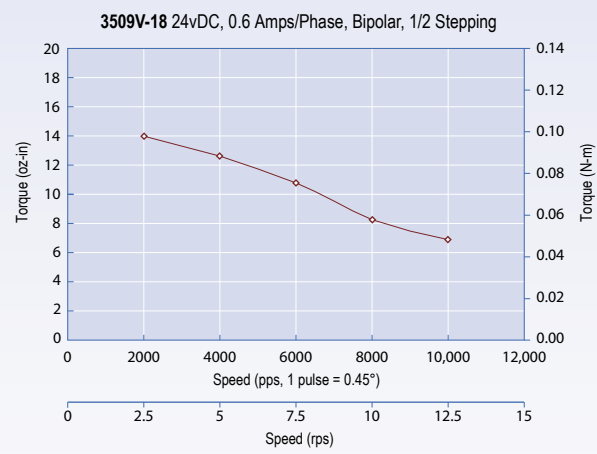
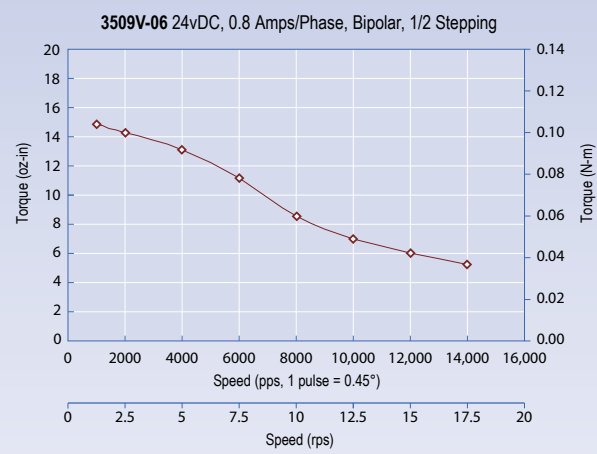
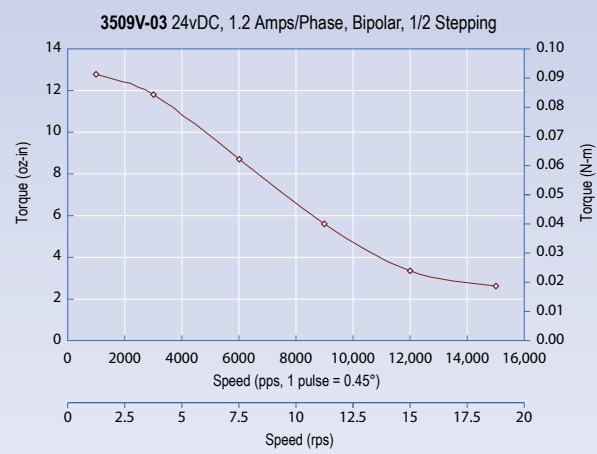
Mounting Option	Mounting Size	Dim B	Dim C
1	17	1.22"	#4-40 UNC
2	17	1.22"	M3 x 0.5
3	17	1.22"	0.130 THRU
4	14	1.14"	#4-40 UNC
5	14	1.14"	M3 x 0.5



DID YOU KNOW...

Lin Engineering has the capability to increase the dynamic torque when constrained to a specific motor size.

TORQUE CURVES



DID YOU KNOW...

Lin Engineering Step Motors have smooth motion because of their high accuracy. Our 3509V and 3609V Series 0.9° steppers have a step error of only ± 1.5 arc minutes at 1/64 microstepping.

The average step motor step error is ± 4.5 arc minutes at 1/64 microstepping. When you have three times less step error, you get smoother motion.

