- Low Inertia
- Cost Effective
- *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)*

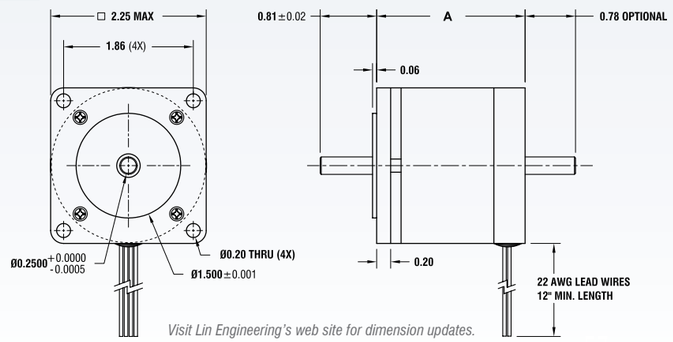
SPECIFICATIONS

	Dimension "A" Max	Model #	Rated Current (Amps/Phase)	Holding Torque (oz-in)	Holding Torque (N-m)	Resistance (Ohms/Phase)	Inductance (mH/Phase)	Inertia (oz-in²)	Weight (Lbs.)	Number of Leads
BIPOLAR	1.62" 41.1 mm	**5618X-09S**	0.35	56.0	0.40	40.0	83.0	0.30	0.80	4
		5618X-09P	0.70	56.0	0.40	10.0	20.8	0.30	0.80	4
	2.01" 51.1 mm	**5618S-01S**	0.70	84.0	0.59	9.4	18.8	0.60	1.20	4
		5618S-01P	1.40	84.0	0.59	2.4	4.7	0.60	1.20	4
		5618S-42S	2.70	84.0	0.59	0.7	1.32	0.60	1.20	4
		5618S-42P	5.40	84.0	0.59	0.2	0.4	0.60	1.20	4
		5618S-54S	0.35	84.0	0.59	40.0	113.6	0.60	1.20	4
		5618S-54P	0.70	84.0	0.59	10.8	28.4	0.60	1.20	4
	2.25" 57.2 mm	**5618M-06S**	0.85	117.6	0.83	9.4	28.4	0.74	1.40	4
		5618M-06P	1.70	117.6	0.83	2.4	7.1	0.74	1.40	4
		5618M-08S	1.55	117.6	0.83	2.7	9.6	0.74	1.40	4
		5618M-08P	3.10	117.6	0.83	0.7	2.4	0.74	1.40	4
	3.03" 77.0 mm	**5618L-52S**	2.17	175.0	1.24	2.4	4.9	1.20	2.05	4
		5618L-52P	4.34	175.0	1.24	0.6	1.2	1.20	2.05	4
		5618L-54S	1.12	175.0	1.24	5.1	29.8	1.20	2.05	4
		5618L-54P	2.24	175.0	1.24	1.3	5.2	1.20	2.05	4

	Dimension "A" Max	Model #	Rated Current (Amps/Phase)	Holding Torque (oz-in)	Holding Torque (N-m)	Resistance (Ohms/Phase)	Inductance (mH/Phase)	Inertia (oz-in²)	Weight (Lbs.)	Number of Leads
UNIPOLAR	1.62" 41.1 mm	**5618X-09**	0.5	40.0	0.28	20.0	20.8	0.30	0.80	6
	2.01" 51.1 mm	**5618S-01**	1.0	60.0	0.42	4.7	4.7	0.60	1.20	6
		5618S-42	3.8	60.0	0.42	0.4	0.4	0.60	1.20	6
		5618S-54	0.5	60.0	0.42	21.5	28.4	0.60	1.20	6
	2.25" 57.2 mm	**5618M-06**	1.2	84.0	0.59	4.7	7.1	0.74	1.40	6
		5618M-08	2.2	84.0	0.59	1.4	2.4	0.74	1.40	6
	3.03" 77.0 mm	**5618L-52**	3.1	125.0	0.88	1.2	1.2	1.20	2.05	6
		5618L-54	1.6	125.0	0.88	2.6	5.2	1.20	20.5	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.

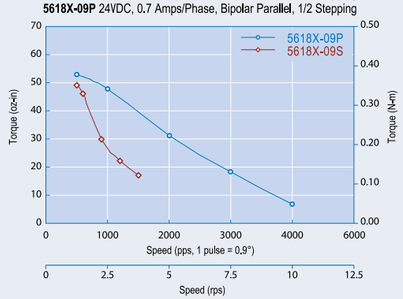
DIMENSIONS



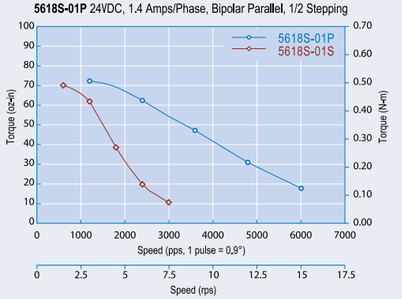
Visit Lin Engineering's web site for dimension updates.

TORQUE CURVES

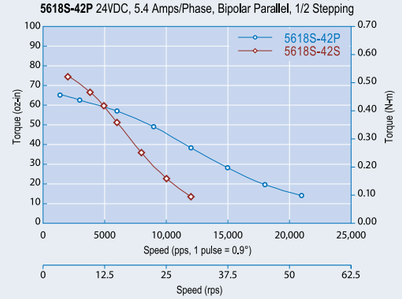
5618X-09S 24VDC, 0.35 Amps/Phase, Bipolar Series, 1/2 Stepping
5618X-09P 24VDC, 0.7 Amps/Phase, Bipolar Parallel, 1/2 Stepping



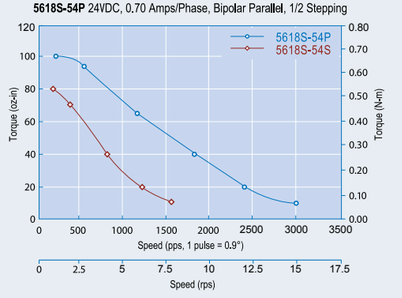
5618S-01S 24VDC, 0.7 Amps/Phase, Bipolar Series, 1/2 Stepping
5618S-01P 24VDC, 1.4 Amps/Phase, Bipolar Parallel, 1/2 Stepping



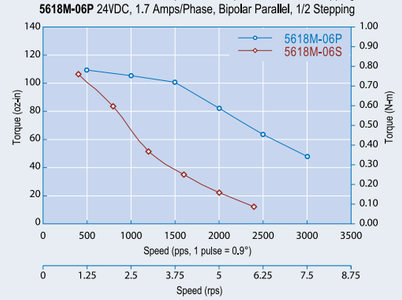
5618S-42S 24VDC, 2.7 Amps/Phase, Bipolar Series, 1/2 Stepping
5618S-42P 24VDC, 5.4 Amps/Phase, Bipolar Parallel, 1/2 Stepping



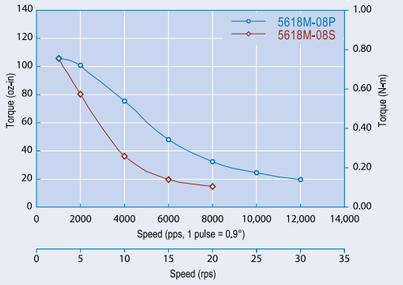
5618S-54S 24VDC, 0.35 Amps/Phase, Bipolar Series, 1/2 Stepping
5618S-54P 24VDC, 0.70 Amps/Phase, Bipolar Parallel, 1/2 Stepping



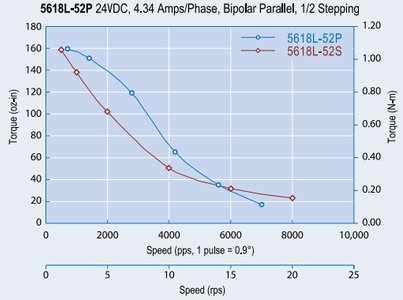
5618M-06S 24VDC, 0.85 Amps/Phase, Bipolar Series, 1/2 Stepping
5618M-06P 24VDC, 1.7 Amps/Phase, Bipolar Parallel, 1/2 Stepping



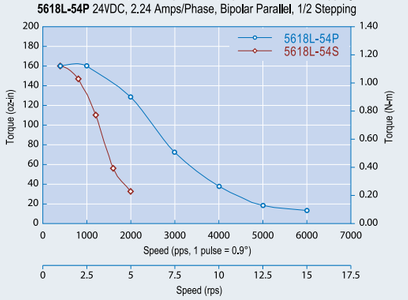
5618M-08S 24VDC, 1.55 Amps/Phase, Bipolar Series, 1/2 Stepping
5618M-08P 24VDC, 3.10 Amps/Phase, Bipolar Parallel, 1/2 Stepping



5618L-52S 24VDC, 2.17 Amps/Phase, Bipolar Series, 1/2 Stepping
5618L-52P 24VDC, 4.34 Amps/Phase, Bipolar Parallel, 1/2 Stepping



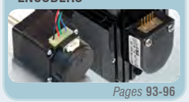
5618L-54S 24VDC, 1.12 Amps/Phase, Bipolar Series, 1/2 Stepping
5618L-54P 24VDC, 2.24 Amps/Phase, Bipolar Parallel, 1/2 Stepping



AVAILABLE OPTIONS

SHAFTS

Pages **21/69**

ENCODERS

Pages **93-96**

CABLES & ASSEMBLIES

Pages **21/70**

DRIVERS & CONTROLLERS

Pages **99-108**