

- High Torque
- Wide Selection of Windings
- 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)



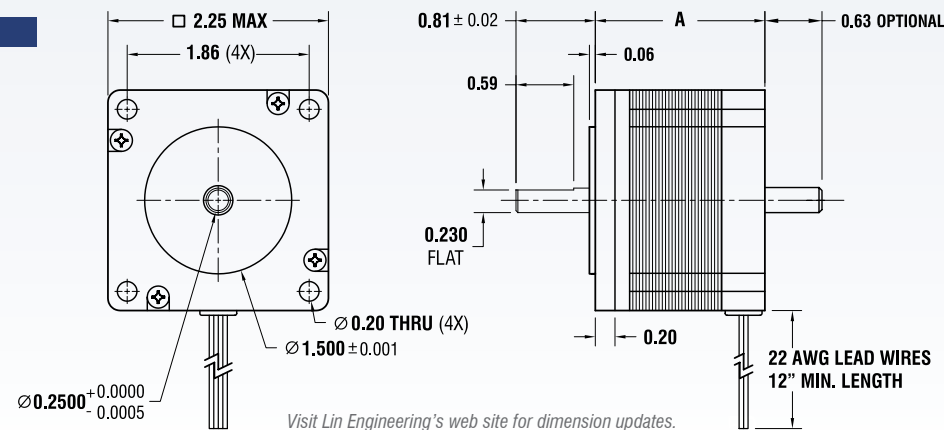
SPECIFICATIONS

| 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 |
|------------------|-------------------|-----------|----------------------------|------------------------|----------------------|-------------------------|-----------------------|-------------------------------|---------------|-----------------|
| 1.74" 44.2 mm | | 5718X-01S | 1.40 | 100.0 | 0.71 | 2.8 | 5.6 | 0.70 | 1.05 | 4 |
| | | 5718X-01P | 2.80 | 100.0 | 0.71 | 0.7 | 1.4 | 0.70 | 1.05 | 4 |
| | | 5718X-05S | 0.70 | 100.0 | 0.71 | 10.0 | 16.8 | 0.70 | 1.05 | 4 |
| | | 5718X-05P | 1.40 | 100.0 | 0.71 | 2.5 | 4.2 | 0.70 | 1.05 | 4 |
| | | 5718X-15P | 4.20 | 100.0 | 0.71 | 0.3 | 0.4 | 0.70 | 1.05 | 4 |
| 2.22" 56.4 mm | | 5718M-02S | 2.10 | 173.0 | 1.22 | 1.8 | 5.2 | 1.50 | 1.50 | 4 |
| | | 5718M-02P | 4.20 | 173.0 | 1.22 | 0.5 | 1.4 | 1.50 | 1.50 | 4 |
| | | 5718M-04S | 0.70 | 173.0 | 1.22 | 14.0 | 42.3 | 1.50 | 1.50 | 4 |
| | | 5718M-04P | 1.40 | 173.0 | 1.22 | 3.5 | 10.6 | 1.50 | 1.50 | 4 |
| | | 5718M-05P | 2.80 | 173.0 | 1.22 | 0.9 | 2.5 | 1.50 | 1.50 | 4 |
| 3.1" 78.7 mm | | 5718L-01S | 1.40 | 294.0 | 2.08 | 4.5 | 15.3 | 2.60 | 2.35 | 4 |
| | | 5718L-01P | 2.80 | 294.0 | 2.08 | 1.1 | 3.8 | 2.60 | 2.35 | 4 |
| | | 5718L-03S | 2.10 | 294.0 | 2.08 | 2.4 | 7.0 | 2.60 | 2.35 | 4 |
| | | 5718L-03P | 4.20 | 294.0 | 2.08 | 0.6 | 1.8 | 2.60 | 2.35 | 4 |
| | | 5718L-04P | 6.54 | 294.0 | 2.08 | 0.3 | 1.3 | 2.60 | 2.35 | 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 |
|------------------|-------------------|----------|----------------------------|------------------------|----------------------|-------------------------|-----------------------|-------------------------------|---------------|-----------------|
| 1.74" 44.2 mm | | 5718X-01 | 2.00 | 72.0 | 0.51 | 1.4 | 1.4 | 0.70 | 1.05 | 6 |
| | | 5718X-05 | 1.00 | 72.0 | 0.51 | 5.0 | 4.2 | 0.70 | 1.05 | 6 |
| | | 5718X-15 | 3.00 | 72.0 | 0.51 | 0.6 | 0.4 | 0.70 | 1.05 | 6 |
| 2.22" 56.4 mm | | 5718M-02 | 3.00 | 130.0 | 0.92 | 0.9 | 1.4 | 1.50 | 1.50 | 6 |
| | | 5718M-04 | 1.00 | 130.0 | 0.92 | 7.0 | 10.6 | 1.50 | 1.50 | 6 |
| | | 5718M-05 | 2.00 | 130.0 | 0.92 | 1.8 | 2.5 | 1.50 | 1.50 | 6 |
| 3.1" 78.2 mm | | 5718L-01 | 2.00 | 210.0 | 1.48 | 2.3 | 3.8 | 2.60 | 2.35 | 6 |
| | | 5718L-03 | 3.00 | 210.0 | 1.48 | 1.2 | 1.8 | 2.60 | 2.35 | 6 |
| | | 5718L-04 | 4.67 | 210.0 | 1.48 | 0.5 | 1.3 | 2.60 | 2.35 | 6 |

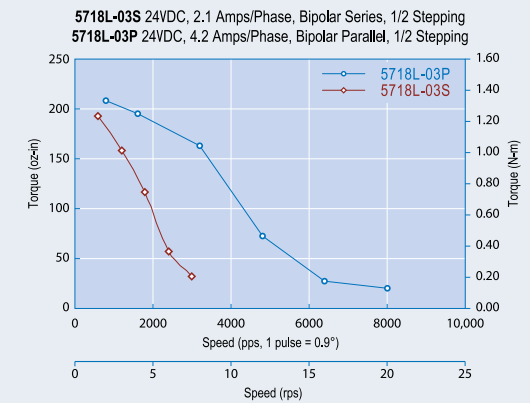
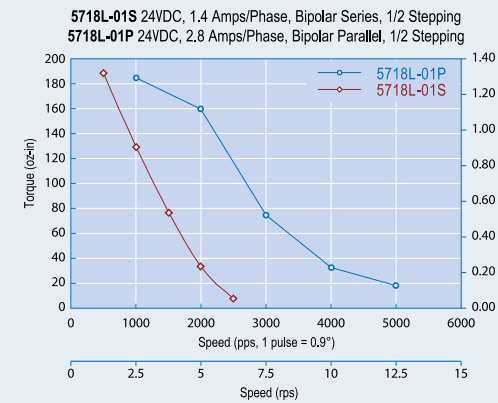
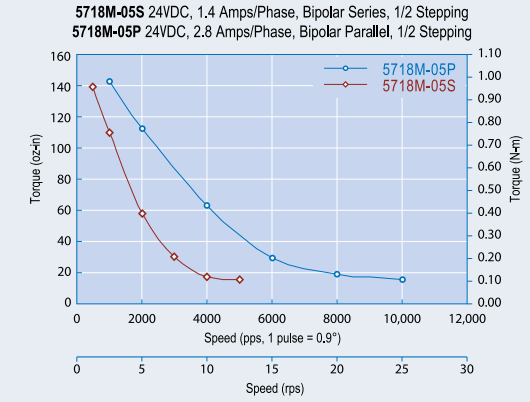
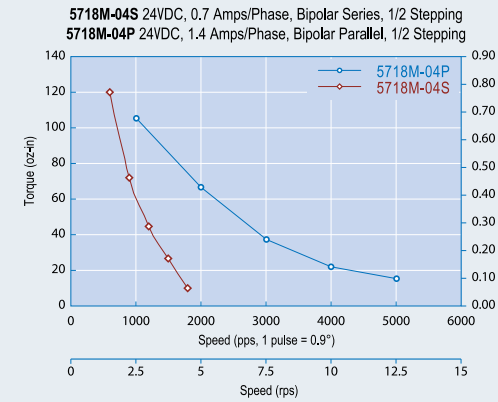
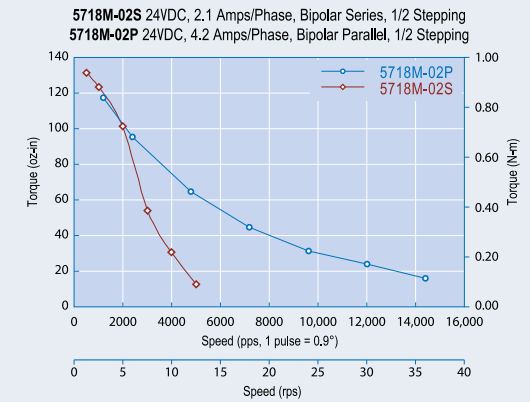
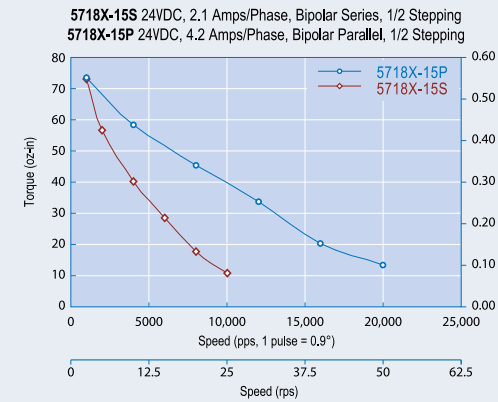
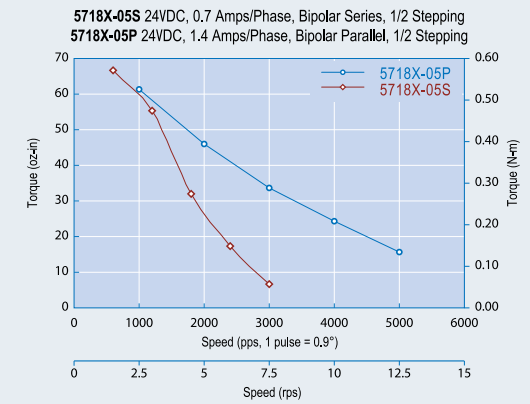
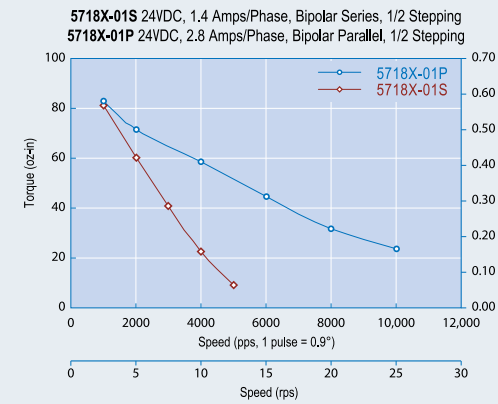
- Please complete our application data sheet on page 116 for different windings.
- Call Lin Engineering for additional bipolar torque curves.
- Performance, use, and appearance specifications of the products listed here are subject to change without notice.
- For operating temperatures, see page 114.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

DIMENSIONS



Visit Lin Engineering's web site for dimension updates.

TORQUE CURVES



AVAILABLE OPTIONS

