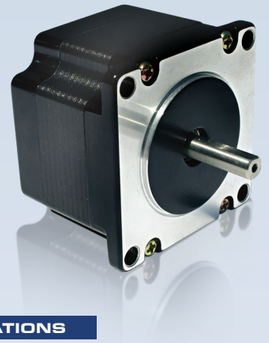
5704 HIGH ACCURACY MOTOR



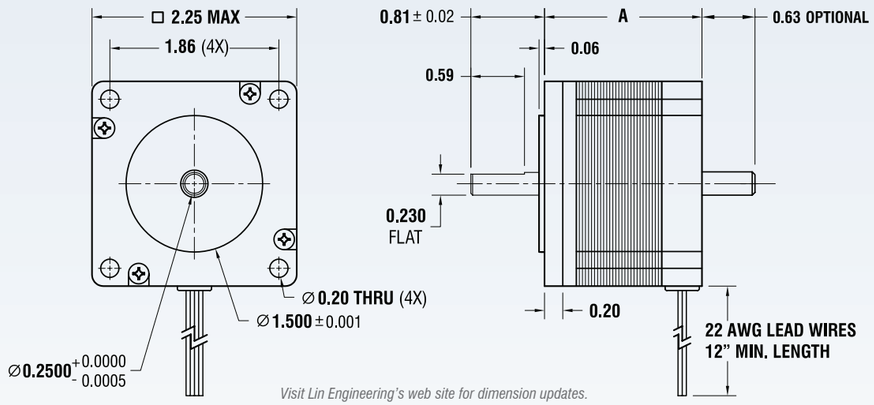
- High Torque
- Highest Step Accuracy and Resolution
- High Inertia
- 0.45° Full Step ±0.017° (1 arc minute)
- *Can be Customized for:*
  - Maximum Torque *(see page 9)*
  - Cables & Assemblies *(see pages 21/70)*
  - Shafts *(see pages 21/69)*
  - Drivers & Controllers *(see page 99-108)*
  - Maximum 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-in²)	Weight (Lbs.)	Number of Leads
	1.73" 44 mm	**5704X-01**	1.50	75.0	0.53	3.0	2.6	1.00	1.05	4
		5704X-02	1.80	75.0	0.53	2.0	1.8	1.00	1.05	4
		5704X-10	0.90	75.0	0.53	9.6	10.1	1.00	1.05	4
		5704X-15	2.50	75.0	0.53	1.3	1.8	1.00	1.05	4
	2.17" 55 mm	**5704M-02**	1.80	140.0	0.99	3.0	3.3	2.10	1.50	4
		5704M-03	3.00	140.0	0.99	1.2	1.2	2.10	1.50	4
		5704M-10	0.90	140.0	0.99	11.7	16.4	2.10	1.50	4

- 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



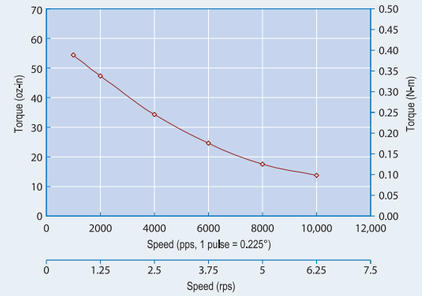
Visit Lin Engineering's web site for dimension updates.

DID YOU KNOW...

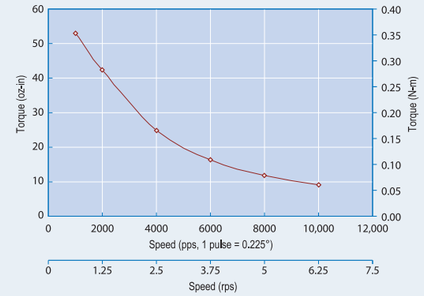
Lin Engineering is the only manufacturer of 0.45° two phase NEMA 23 step motors. It's the highest resolution 2-phase step motor in the industry.

TORQUE CURVES

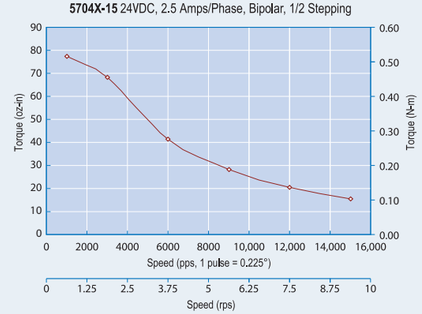
5704X-01 24VDC, 1.5 Amps/Phase, Bipolar, 1/2 Stepping



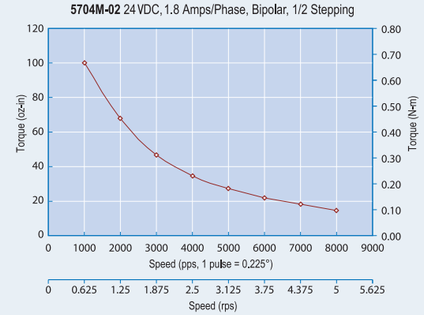
5704X-10 24VDC, 0.9 Amps/Phase, Bipolar, 1/2 Stepping



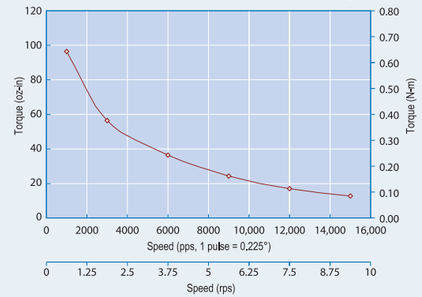
5704X-15 24VDC, 2.5 Amps/Phase, Bipolar, 1/2 Stepping



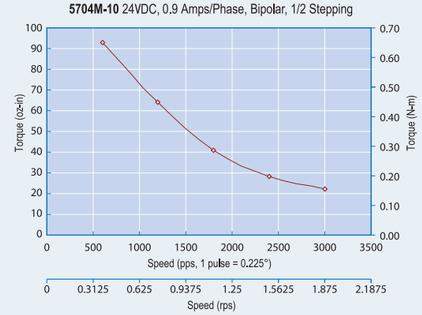
5704M-02 24 VDC, 1.8 Amps/Phase, Bipolar, 1/2 Stepping



5704M-03 24VDC, 3.0 Amps/Phase, Bipolar, 1/2 Stepping



5704M-10 24VDC, 0.9 Amps/Phase, Bipolar, 1/2 Stepping



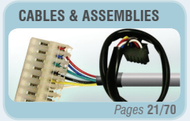
AVAILABLE OPTIONS

SHAFTS

Pages 21/69

ENCODERS

Pages 93-96

CABLES & ASSEMBLIES

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DRIVERS & CONTROLLERS

Pages 99-108

DID YOU KNOW...

Lin Engineering inventories components in Morgan Hill, CA to provide our customers with short lead-times and to support volume production overseas.