



Engineering
Stock
Competitive Pricing



1-800-513-3163

More Knowledge More Experience More Solutions

LM76 is an internationally recognized designer, manufacturer and supplier of linear motion bearings, shafting and slides. Since 1976, our hallmark has consistently been an engineered solution. Moreover, when other's say no, we often say yes.

LM76 seeks to ensure your opportunity to choose the optimal linear product for your application.

LM76 Trade Logos



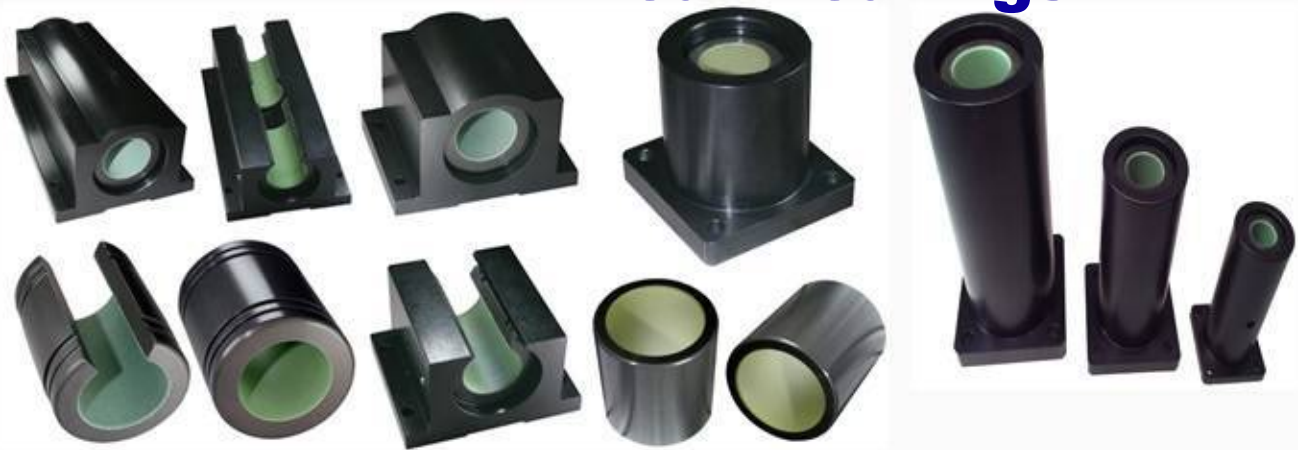
***LM76* Linear Motion**
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www.LM76.com



Minuteman Self-Lubricating PTFE Linear Bearings



Minuteman Self-Lubricating linear bearings are the leading edge in PTFE, sleeve-type linear motion bearings. Minuteman features a ceramic coated aluminum shell and nonabrasive PTFE self-lubricating liner. Minuteman runs on both hardened Rc60/440c and 300 series stainless - soft shafting. Great for all weather environments or where tough "ball busting" situations exist. Widely found in packaging/filling, medical/pharma, foundry, test and automation systems.

- Self-Lubricating
- High Loads
- Low Friction
- All Weather
- Rapid Oscillation
- Shock & Vibration
- Contamination
- Washdown

Black Racer Ceramic Coated Linear Bearings * Require Lubrication



Black Racer Ceramic Coated linear bearings are the original drop-in replacement for linear ball bushings. Employed in applications where acceleration and system speeds destroy ball and roller options. Black Racer boasts the longest (to our knowledge) life test of any comparable linear bearing: 100,000,000 Linear Feet with .0004" wear. If you can lubricate, this bearing is truly remarkable.

- High Loads
- Low Friction
- Rapid Oscillation
- Shock & Vibration
- Contamination
- Washdown
- Requires Lubrication



Linear Ball Bearings

- Open & Closed
- A Series and Self-Aligning
- 440C Stainless
- Open & Closed Pillow Blocks
- Open & Closed Twin Pillow Blocks
- Single & Twin Flange Blocks



Linear Roller Blocks

- JET Rail
- SG SPEED DEMON
- OSG SPEED DEMON
- Defender 1 & 2



Profile Rail Guides & Clamps

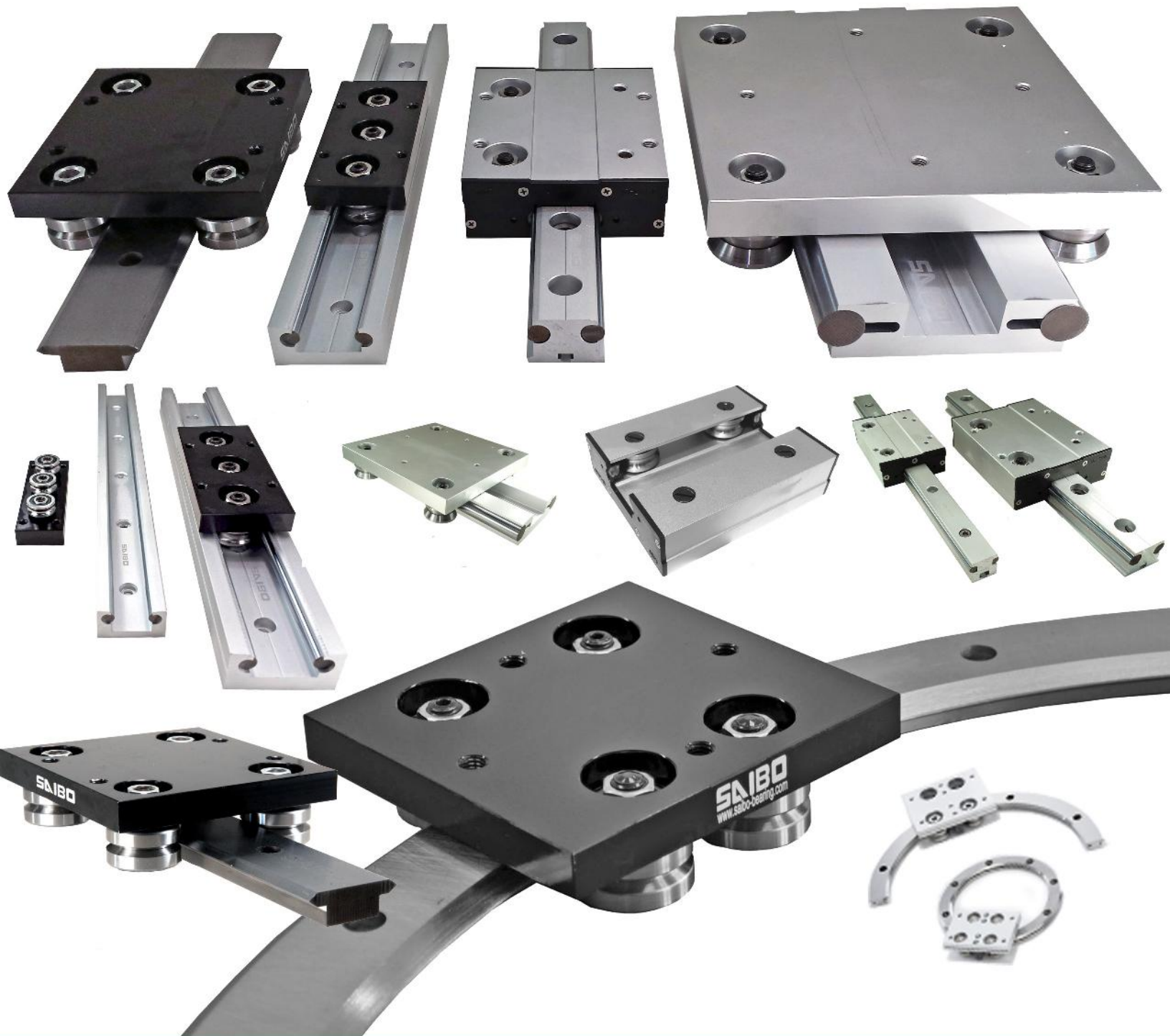
- Heavy Duty
- Medium Duty
- Miniatures
- Mechanical, Pneumatic & Electric Clamps

SAIBO



*Masters of Low Friction Linear
Motion Systems*

LM76



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SB-LGB

The SB-LGB is a 3 roller carriage block with 1 eccentric roller for preload adjustment. SB-LGB end caps incorporate spring-loaded oil filled, felt wipers for lower friction and corrosion resistance. Its lightweight aluminum carriage block and rail make installation easy. The SB-LGB is capable of speeds up to 10m/s. Rollers are sealed for life and provide for maintenance-free operation. Quiet, smooth, accurate linear motion



SB-LGA

The SB-LGA is a 4 roller carriage block with 2 eccentric rollers for preload adjustment. SB-LGA end caps incorporate spring-loaded oil filled, felt wipers for lower friction and corrosion resistance. Its lightweight aluminum carriage block and rail make installation easy. The SB-LGA is capable of speeds up to 10m/s. Rollers are sealed for life and provide for maintenance-free operation. Quiet, smooth, accurate linear motion.



SB-LGC

The SB-LGC is a 4 roller carriage block with 2 eccentric rollers for preload adjustment. SB-LGC is capable of speeds up to 10m/s. Its wide rail creates a solid foundation that can eliminate the need for parallel rails or shafts. Rollers are sealed for life and provide for maintenance-free operation. The SB-LGC is capable of speeds up to 10m/s. Quiet, smooth, accurate linear motion. Ideal for high loads and moments.



SB-LGV

The SB-LGV is a 4 roller carriage block with 2 eccentric rollers for preload adjustment. The SB-LGV is capable of speeds up to 10m/s. The "V" Roller Rails come in straight, curved and ring geometries. Rollers are sealed for life and provide for maintenance-free operation. The SB-LGV is capable of speeds up to 10m/s. Quiet, smooth, accurate linear motion. Ideal for high loads and moments.

SB-LGV Curved and Ring

The SB-LGV system is available with curved and ring rail sections. Flat and spacer rail options make this a very flexible linear option.

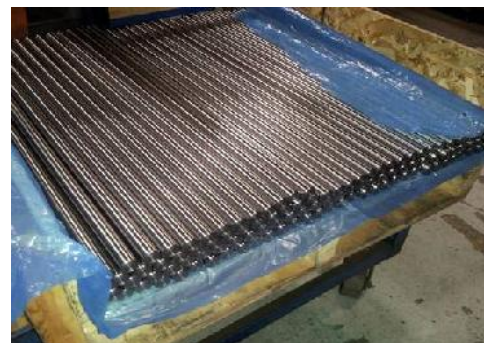


Precision Linear Shafting

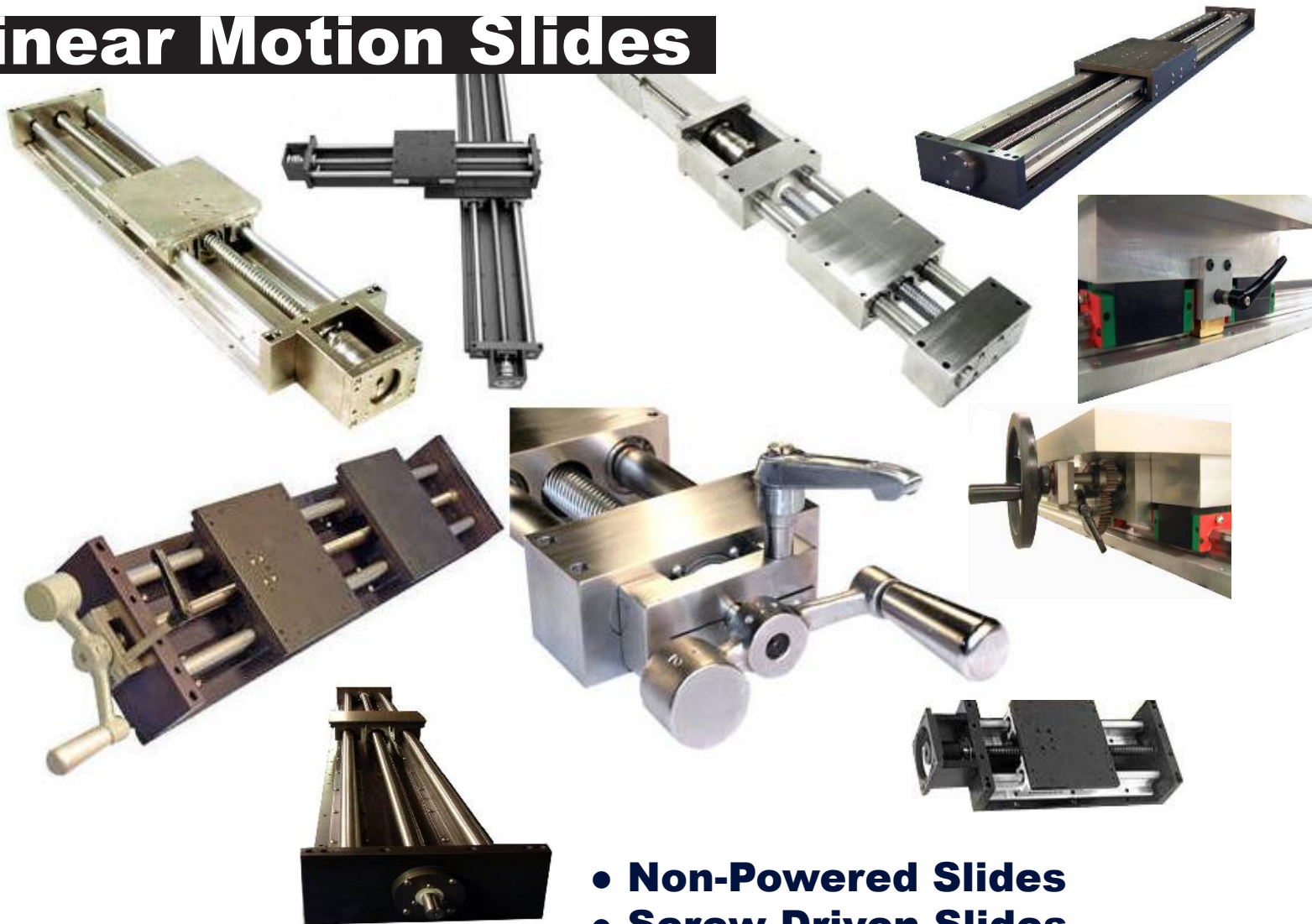


**Fast Quoting - Quick Shipping
Great Pricing**

- **Rc60 Hardened Shafting**
- **440c Stainless Shafting**
- **300 Series Stainless Shafting**
- **Pre-Drilled Linear Shafting**
- **Fully Supported Linear Shafting**
- **Low Profile Supports**
- **Machined Specials**
- **Special Coatings**



Linear Motion Slides



- **Non-Powered Slides**
- **Screw Driven Slides**
- **X,Y,Z Systems**
- **Self Centering Slides**
- **FDA/Washdown Compliant**
- **All Stainless**
- **Special Designs**



WDX Slides

- **Washdown Rated**
- **Low Friction**
- **FDA Compliant**
- **Lightweight**
- **Special Designs**

FDA/Washdown Linear Solutions

1. 300 Series Stainless with FDA Complaint Self-Lube Liner
2. Ceramic Coated Twin Flange Block with Stainless FDA Bearings
3. Ceramic Coated Bearing with FDA Self-lube Liner & ETX scraper seal
4. 300 Series Stainless Pillow Block with FDA linear bearing
5. WDX FDA Flange Blocks and Pillow Blocks
6. Ceramic Coated Bearing with FDA, Self-lube Liner
7. All Stainless Linear Slide with Chain Drive
8. WDX Slide Rail
9. Stainless Shaft Assemblies
10. Stainless Seal Slide with Hand Crank, Lock and Patent-Pending PTFE Seals
11. Stainless Flange Block with FDA Linear Bearing
12. Stainless Lead Screw with Proprietary Polymatrix Cast Nut Captured in a Stainless Retainer. Self-Lubricating - NO Balls - NO Catastrophic Failure Mode - Zero Maintenance. Ideal for Over-Product Linear Motion.



Special Designs

LM76' attitude is near singular toward specials - one or a thousand. With a \$20.00 minimum, LM76 is the last resort for many engineers who require a subtle or radical modification.

Call LM76 when you have an application that catalog products will not satisfy.



www.LM76.com

It's almost impossible to specify a special ball bearing or roller bearing. At LM76, our flagship products, Minuteman Self Lube and Black Racer lend themselves to special ID, OD, Length and creative geometries.

**Call:
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email: mquinn@lm76.com**



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