

# TIGER LINEAR BEARINGS

Tiger Bearings from LM76 offer a tough, maintenance-free option from traditional PTFE lined and injection molded plastic linear bearings. Employed in applications where low speed and high loads are present.

Tiger's construction is a multi-layered. The shell is a ceramic coated aluminum carrier. The inner-most layer consists of a synthetic fiber/PTFE layer. The second layer consists of epoxy-coated high-angle glass filaments. The outer-most layer consists of epoxy-coated low-angle glass filaments.

These bearings take crushing shock loads, abusive contamination, rotate and twist motion simultaneously, shaft misalignment, chemicals and high and low temperatures.



1-800-513-3163

[www.LM76.com](http://www.LM76.com)

**Tiger Linear Bearings are drop-in replacements for standard linear ball bearings, LM76 Minuteman PTFE and Black Racer Ceramic Coated linear bearings. Only closed style bearings are available in 3/4" and 1" sizes.**



- Backhoes
- Front End Loaders
- Marine Davits/Sheaves
- Valve stem bushings Hitches
- Hydraulic Cylinder Pivots
- Graders
- Mining Equipment

Pressure	35,000
Max Linear Speed No Load	150 Ft/Min
Temperature	-300/+300 F
Coefficient of Friction	.02 - .25
Shaft Material	Rc60 Steel 440c Stainless
Corrosion Resistance	Excellent
Water Absorption	Very Low <.05%
Self-Lubricating	YES
Electrically Insulated	YES
Shock/Vibration	Excellent
Contamination	Excellent

P/N
TLB12
TLB16

\*Refer to LM76 Minuteman  
Self-Lubricating Linear Bearing  
Size Chart for dimensions:

L1220-13SL  
L1625-18 SL



**Get Tiger Tough!**

For more information call Mike Quinn 1-800-513-3163

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