

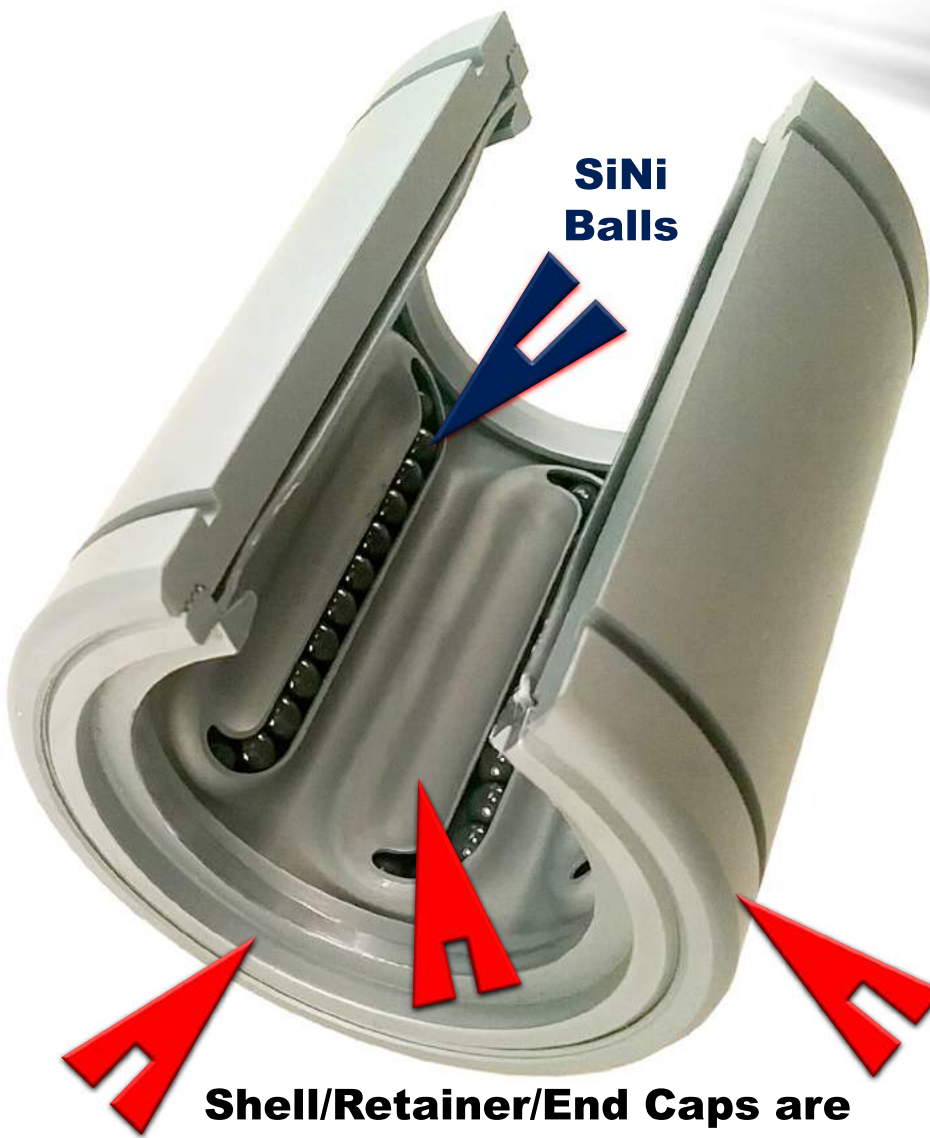
PEGASUS

SERIES 1 Linear Ball Bearings

The Sky's the Limit

440C Stainless Armoloy™ Coated Ceramic Balls

The Most Corrosion Resistant Linear Bearing on the Planet



**SiNi
Balls**

Silicon Nitride Balls

- 40% Less Weight Than Steel
- Inert to Chemicals/Vapors/Sea Water
- Caustic Washdown Compliant
- Higher Speeds
- FDA Compliant
- Used in Surgical Implants
- Longer Life
- Will remain free to move quickly and smoothly after long periods (Years) of inactivity because the ceramic balls cannot corrode to any mating components. **NOTE:** 440C SS Armoloy™ Coated Shafting is Recommended.
- Can run dry during low to moderate speeds

**Shell/Retainer/End Caps are
440C Stainless Steel with
an Armoloy™ Coating**

**1-800-513-3163
www.LM76.com**

LM76
Linear Bearings



“Armoloy TDC™ (Thin Dense Chrome) is a hard (78 Rc), thin, dense chromium coating with a micronodular surface texture. The coating’s nodular finish reduces the amount of surface area exposed to surfaces in contact with it, thereby substantially reducing friction and extending wear life. This nodular finish also retains smaller amounts of industrial lubricants for longer periods, both further reducing friction and creating a cleaner work environment.”

- ✓ **FDA Compliant**
- ✓ **Caustic Wash Down Compliant**
- ✓ **Rc78 Hardness**
- ✓ **Salt Spray Tested**
- ✓ **Will Not Chip, Flake, Crack or Generate Debris**
- ✓ **One of the Few Engineered Materials That Can Run on Itself**



440C Stainless

+



Armoloy™ Coating

+



Silicon Nitride Balls

=

The Ultimate in Corrosion Resistance, Speed and Wear-ability

1-800-513-3163

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Pegasus SERIES 1 Linear Ball Bearings

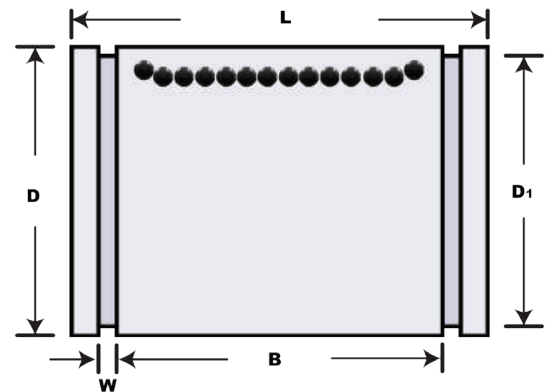
CLOSED Series			
P/N	Shaft Size	No Seals	With Seals
LPS1-16	1"	NS	WS
LPS1-20	1.125	NS	WS
LPS1-24	1.500	NS	WS
LPS1-32	2.000	NS	WS

OPEN Series			
P/N	Shaft Size	No Seals	With Seals
LXPS1-16	1"	NS	WS
LXPS1-20	1.125	NS	WS
LXPS1-24	1.500	NS	WS
LXPS1-32	2.000	NS	WS

Part Ordering Example: LPS1-16-NS

1" Closed Bearing with No Seals

Part Number L - LX	C Pounds Dynamic Max Load	Co Pounds Static Max Load
L(LX)PS1-16	220	352
L(LX)PS1-20	352	615
L(LX)PS1-24	490	903
L(LX)PS1-32	858	1784



Bearing Dimensions Inch						
Part Number	Shaft Size	D	D1	L	B	W
L(LX)PS1-16	1"	1.5625	1.4687	2.250	1.7547	.0679
L(LX)PS1-20	1.250"	2.000	1.8859	2.6250	2.0047	.679
L(LX)PS1-24	1.500"	2.3750	2.2389	3.000	2.4118	.0859
L(LX)PS1-32	2.000"	3.000	2.8379	4.000	3.1917	.1029

NOTE: We do not publish accuracy grades. Although all bearings will operate on Class L linear, Case Hardened 440C Stainless Shafting, you may experience some variance in clearance. However, bearings will always remain zero clearance.

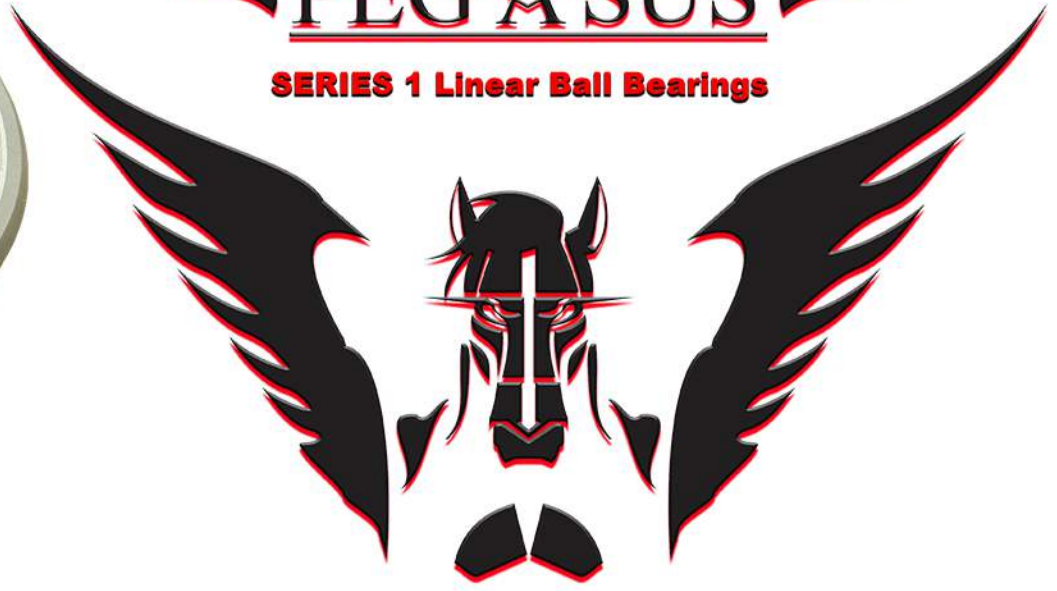
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NAVAL



SPACE



BIO/Pharma



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