

Simplicity Advantage

Simplicity

Engineered for *enhanced* performance.

Simplicity's plain bearing design provides **50%** more effective surface area plus a liner that delivers 2x the PV performance resulting in dramatically enhanced life and lower costs.

PBC Linear's Simplicity technology packs enhanced performance and life into a smaller bearing, providing:

- **More Compact Design**
- **Superior Life & Reliability**
- **Reduced Replacement Costs**

PBC Linear's engineered solutions saves **\$360*** on initial product cost.

Engineering Your Linear Motion Solutions
6402 ROCKTON ROAD, ROSCOE, IL 61073 USA
1-800-962-8979



Equality comparison reflects same Dynamic Factor of Safety.

BEARING DYNAMIC SAFETY COMPARISON		
Performance Stats	FLN12	OJUI-01-20
Size	3/4"	1-1/4"
PV (Pressure & Velocity)	20,000	9,700
Dynamic FOS	Same	Same
Initial Cost (Bearing/Shaft)*	\$360 Savings	-

*Savings rounded down. Initial cost comparison is based upon specific application detailed in whitepaper. See "Analytic Comparison of Round Shaft Plain Linear Bearings" by LTB Engineering, 2010, Pub. LITWPGEN-009.

*IGUS, "DryLin" are registered trademarks of igus, inc and/or igus GmbH.

Get more of the details.

Put Simplicity to the test.

Download your free whitepaper on "Analytic Comparison of Round Shaft Plain Linear Bearings" at www.pbclinear.com



Simplicity

Engineered for *even longer* life.

Simplicity[®] with Frelon technology outfits your design with the advantage to last longer and reduce unnecessary replacement costs.

If you compare the numbers, Simplicity performs three times as well in calculated life and equips your design with long-term motion control.

To learn about Simplicity's full product offering visit online at www.pbclinear.com.

Simplicity plain bearing design provides 50% more effective surface area plus a superior liner proven to last twice as long as its competition.

Engineering Your Linear Motion Solutions
6402 ROCKTON ROAD, ROSCOE, IL 61073 USA
1-800-962-8979



BEARING LIFE COMPARISON		
Performance Stats	FLN12	OJUI-01-20
Size	3/4"	3/4"
Effective Surface Area	50% more	-
PV (Pressure & Velocity)	20,000	9,700
Number of Replacements*	0	3
24 cycles/min./year*	\$180 Savings	-

*Savings rounded down. Number of replacements during first year of operation. Yearly cost comparison is based upon specific application detailed in whitepaper. See "Analytic Comparison of Round Shaft Plain Linear Bearings" by LTB Engineering, 2010, Pub. LITWPGEN-009.

*IGUS, "DryLin" are registered trademarks of igus, inc and/or igus GmbH.

Get more of the details.

Put Simplicity to the test.

Download your free whitepaper on "Analytic Comparison of Round Shaft Plain Linear Bearings" at www.pbclinear.com

