

Simplicity Advantage

Simplicity

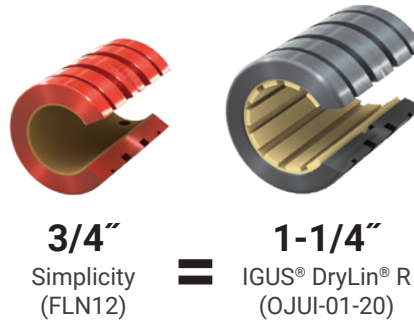
Engineered for *enhanced* performance.

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.



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.

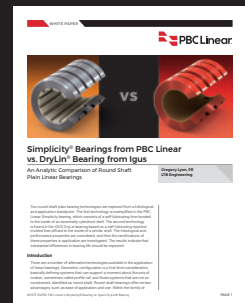
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Engineering Your Linear Motion Solutions
6402 E. ROCKTON ROAD, ROSCOE, IL 61073 USA
1-800-962-8979

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.



| 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.

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