



# Link-Belt®

## Centrik-Lok® CL Series Normal-Duty Bearing

### Frequently Asked Questions



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| Q. What is unique to the Link-Belt CL Series bearing?   | A. The bearing inner ring has 8 gripping tabs, versus 4 tabs, that are pressed against the shaft by the unique split collar design to create maximum holding power. |
| Q. Is the Link-Belt CL Series a direct interchange to standard-duty ball bearing units?   | A. Yes. The Link-Belt CL Series is a direct interchange with the MB 45 bearings (Centrik-Lok), for specific bore sizes.   |
| Q. How do you know when the bearing is mounted correctly?   | A. Tighten down the two-piece collar to the specified torque noted on the back of this document. These specifications are also found in the service instructions.   |
| Q. How do you remove the Link-Belt CL Series?   | A. Simply loosen the socket head cap screws and separate the two-piece collar.  |
| Q. Are the Link-Belt CL Series bearings available in fixed and expansion options?   | A. Fixed units only.  |
| Q. Does the Link-Belt CL Series have the same speed and load ratings of the standard Link-Belt standard-duty set screw bearing? | A. Yes. The speed ratings are the same as the set screw bearing.<br>A. No – the load ratings are actually higher than the set screw bearing by approximately 8%     |
| Q. Can the Link-Belt CL Series accommodate “commercial grade” shafting?   | A. Yes, for bore sizes ½” – 2” – Nominal to -0.003”<br>A. Yes, for bore sizes 2 1/8” – 4” – Nominal to -0.004”  |
| Q. What bore sizes are available?   | A. April 2011 – bore sizes 1”, 1 3/16”, 1 7/16”, 1 15/16” and 2 7/16”.<br>A. September 2011 – 14 additional bore sizes will be available.                           |
| Q. Is the new Link-Belt CL series available in medium-duty style?   | A. No. Currently it is only available in the standard-duty style with an extended inner ring.   |
| Q. Are the raceways super-finished?   | A. Yes. The inner/outer races are super-finished for cool and quiet operation.  |

Q. What tools are required to mount the bearing?

A. Rexnord recommends using a torque wrench to tighten the socket head cap screws (see below for required socket size) to recommended torque ratings. These specifications are also found in the service instructions.

**Recommended Collar Screw Torque**

Shaft Size (in)	Screw Size	Socket Size	Inch-Pounds
1/2 – 1 3/16	#10	5/32	65 – 72
1 1/4 – 1 3/4	1/4	3/16	151 – 168
1 7/8 – 2 7/16	5/16	1/4	313 – 348

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Q. What are the housing options?

A. 2-bolt pillow block (standard and high backing height)  
A. 2-bolt and 4-bolt flange  
A. Take-up units

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Q. What seal options are available?

A. Standard - Single-lip contact seal with flingers.  
A. Optional - Steel labyrinth clearance and triple-lip contact seal

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Q. What type of retainer is used?

A. Standard - Retainer is polymeric  
A. Optional - Steel retainer

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Q. Are replacement inserts available?

A. Yes, replacement inserts are available.

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Q. What is the nomenclature?

A. P3CL2XXN (XX = bore size), P3CL231N is 1 15/16" bore size. (Bore size is in 1/16" increments)  
A. Replacement insert – CLG2xxN (xx=bore size), CLG231NL is 1 15/16" bore size

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Q. Does the recommended grease re-lubrication interval change with the Link-Belt CL Series bearing in comparison to standard-duty Link-Belt Set Screw bearing?

A. No, re-lubrication intervals are the same. Re-lubrication intervals and amount of grease are based on the shaft speed and other operational conditions. See service instructions for intervals and amount of grease based on your specific application.

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Q. What is the temperature range?

A. Allowable temperature range without special grease and changing of the standard internal clearance is -20°F to +225°F or 275° F with H Seal.

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Q. Are end closures or covers available?

A. Yes. We have designed a durable, metal end closure that presses into the housing for a secured fit.

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For more information about Rexnord products, programs, and services, contact your Rexnord Customer Focus Team today at 866-REXNORD (866-739-6673).