



866-REXNORD/866-739-6673 (Within the U.S.)
414-643-2366 (Outside the U.S.)
www.rexnord.com

Why Choose Rexnord?

When it comes to providing highly engineered products that improve productivity and efficiency for industrial applications worldwide, Rexnord is the most reliable in the industry. Commitment to customer satisfaction and superior value extend across every business function.

Delivering Lowest Total Cost of Ownership

The highest quality products are designed to help prevent equipment downtime and increase productivity and dependable operation.

Valuable Expertise

An extensive product offering is accompanied by global sales specialists, customer service and maintenance support teams, available anytime.

Solutions to Enhance Ease of Doing Business

Commitment to operational excellence ensures the right products at the right place at the right time.

REXNORD

Rexnord Company Overview

Rexnord is a growth-oriented, multi-platform industrial company with leading market shares and highly trusted brands that serve a diverse array of global end markets.

Process & Motion Control

The Rexnord Process & Motion Control platform designs, manufactures, markets and services specified, highly engineered mechanical components used within complex systems where our customers' reliability requirements and the cost of failure or downtime are extremely high.

Water Management

The Rexnord Water Management platform designs, procures, manufactures and markets products that provide and enhance water quality, safety, flow control and conservation.

Centrik-Lok CL Series Normal-Duty Bearing Frequently Asked Questions





Centrik-Lok CL Series Normal-Duty Bearing

Frequently Asked Questions

To help you understand the features, benefits and applications of the Centrik-Lok® CL Series Normal-Duty Bearing product offering, read our frequently asked questions (FAQs) and their answers below. Don't see your questions? Contact your Rexnord Account Executive or call the Rexnord Bearing Technical Support team at 317-273-5781.



Questions	Answers
What is unique to the Link-Belt CL Series bearing?	The bearing inner ring has 8 gripping tabs, verses 4 tabs, that are pressed against the shaft by the unique split collar design to create maximum holding power.
Is the Link-Belt CL Series a direct interchange to standard-duty ball bearing units?	Yes. The Link-Belt CL Series is a direct interchange with the MB 45 bearings (Centrik-Lok), for specific bore sizes.
How do you know when the bearing is mounted correctly?	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.
How do you remove the Link-Belt CL Series?	Simply loosen the socket head cap screws and separate the two-piece collar.
Are the Link-Belt CL Series bearings available in fixed and expansion options?	Fixed units only.
Does the Link-Belt CL Series have the same speed and load ratings of the standard Link-Belt standard-duty set screw bearing?	<p>Yes – the <i>speed ratings</i> are the same as the set screw bearing.</p> <p>No – the <i>load ratings</i> are actually higher than the set screw bearing by approximately 8%.</p>
Can the Link-Belt CL Series accommodate "commercial grade" shafting?	<p>Yes, for bore sizes ½" – 2" – Nominal to -0.003"</p> <p>Yes, for bore sizes 2 1/8" – 4" – Nominal to -0.004"</p>
What bore sizes are available?	<p>April 2011 – bore sizes 1", 1 3/16", 1 7/16", 1 15/16" and 2 7/16".</p> <p>September 2011 – 14 additional bore sizes will be available.</p>
Is the new Link-Belt CL series available in medium-duty style?	No. Currently it is only available in the standard-duty style with an extended inner ring.

Questions

Answers

Are the raceways super-finished?

Yes. The inner/outer races are super-finished for cool and quiet operation.

What tools are required to mount the bearing?

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

What are the housing options?

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

What seal options are available?

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

What type of retainer is used?

- Standard - Retainer is polymeric
- Optional - Steel retainer

Are replacement inserts available?

Yes, replacement inserts are available.

What is the nomenclature?

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

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?

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.

What is the temperature range?

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.

Are end closures or covers available?

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