

# Why Choose Rex™ and Link-Belt™ Roller Chain?



Regal Rexnord Rex and Link-Belt roller chains are designed and manufactured to suit the most demanding operational conditions in a wide array of applications.

## HEAT-TREATMENT

All components are heat-treated to high industry standards for the most consistently reliable performance.

## HIGH CASE HARDNESS

To increase uptime, Rex roller chain pins are furnished with an optimally deep hardness layer.

## HIGH PRESS FITS

Ball-drifted side plate holes strain-hardens the material. The resulting effect is significant improvement of fatigue strength for superior overall performance.

## SHOT-PEENED COMPONENTS

This effective cold working process consolidates the material surface and thereby increases the load-bearing characteristics of the chain.

## HIGH PRE-LOADING

After assembly, the chain is subjected to high tensile loads. This minimizes the product's initial stretch once in the application which translates into less downtime and longer operation.

## FACTORY PRE-LUBRICATION

All roller chains are furnished with a factory applied pre-lubrication. This lubrication is essential in overall chain performance, particularly during initial startup and wear-in.



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## FEATURES

- Both Rex and Link-Belt roller chains are automatically assembled, pre-lubricated, and factory pre-loaded resulting in:
  - Tight tolerances and uniformity
  - Consistent quality
  - Ease of installation and alignment
  - Eliminated need for lubrication during installation
  - Longer shelf life
- Stocked in a wide variety of common ANSI sizes: 35 through 264 in multiple widths up to 8 wide
- Two roller chain series available: high-performance Rex series and mid-range Link-Belt series
- Heat-treated and high case hardness
- High interference press fits
- Shot-peened components
- High pre-loading
- Factory pre-lubricated



## REX ROLLER CHAINS UTILIZE:

Case-hardened pins which gives this chain overall greater wear performance.



## BOTH LINK-BELT AND REX ROLLER CHAINS FEATURE:

Shot-peened surfaces for improved overall fatigue strength resulting in improved total life of the chain.

Precision heat-treatment which is critical for performance in both wear conditions and fatigue life

Precision pierced holes resulting in very high pin & bushing press fit, greatly improving fatigue life and overall life of the chain.

## INDUSTRIES SERVED:

- Cement
- Fertilizer
- Steel
- Power Generation
- Solid Waste Handling
- Mining
- Aggregate

**Rex™** **LINK-BELT™**

## Regal Rexnord

Contact us: [rexnord.com/contact](http://rexnord.com/contact)  
[regalrexnord.com](http://regalrexnord.com)

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