

Richards-Wilcox High Performance Conveyor Chain



Patent Pending Caged Bearings
for Extreme Performance

RICHARDS-WILCOX HIGH PERFORMANCE CONVEYOR CHAIN

Richards-Wilcox High Performance Conveyor Chain is the most revolutionary overhead conveyor chain on the market today. Its unique caged bearing design yields an exceptionally long life resulting in lower costs, fewer repairs, and less downtime for your conveyor system. Accelerated life tests proved Richards-Wilcox High Performance Conveyor Chain can take a pounding, outperforming aftermarket competitors' replacement chain by up to 40%.

CAGED BEARING DESIGN PROVIDES

ADVANTAGES

- Longer Chain Life
- Smoother Operation
- Quieter Operation
- Less Downtime
- Greater Reliability

BENEFITS

- Lower replacement frequency
- Reduced system drag for increased system life
- More ergonomic, easier on workers
- Improved efficiencies
- Cheaper maintenance and lower total system costs

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Accelerated Life Test Conveyor Chain Comparison

	Richards-Wilcox High Performance Conveyor Chain	After Market Chain #1	After Market Chain #2
Life Comparison	100%	60%	81%
Lateral Wheel Bearing Load Rating	100%	90%	44%
Lateral Wheel Ball Bearing Diameter	5/16"	1/4"	3/16"
Vertical Wheel Ball Bearing Diameter	1/4"	1/4"	3/16"
Reduced Drag Design	YES	NO	NO
Noise Reducing Design	YES	NO	NO
Lateral Wheel Caged Bearing	YES	NO	NO
Vertical Wheel Caged Bearing	YES	NO	NO
Machined Vertical Load Bearing Wheel	YES	YES	NO
6" Pitch	YES	YES	YES

NOTES:

- Life comparison results based on Richards-Wilcox accelerated life testing. Results shown are a percentage of the number of flexes it took to reach full chain stretch life at a maximum allowable chain stretch of 1/4" per foot. The test used a rated draw pull of 600 lbs with a 75 lb load point capacity.
- Wheel bearing load rating is based on the Anti-Friction Manufacturing Association Standard 9 for Load Ratings and Fatigue Life for Ball Bearings.

RICHARDS-WILCOX HIGH PERFORMANCE CONVEYOR CHAIN APPLICATIONS

Richards-Wilcox High Performance Conveyor Chain is suitable for use in many types of overhead conveyor applications including heavier duty systems using Over-Way™, patented Twin-Track® and lighter duty systems using Zig-Zag® and Inverted Paintline™.

This high performance chain is ideal in demanding or harsh environment applications with long runs and multiple turns. When used with Richards-Wilcox inverted track and specialty carriers, Richards-Wilcox High Performance Conveyor Chain is a great solution for clean applications such as merchandise distribution and fulfillment.

A FEW OF OUR APPLICATIONS INCLUDE:

- Finishing Applications
- Chemical Baths
- Dip Stations
- Cure Ovens
- Order Fulfillment
- Box Delivery
- Trash Dumping
- Clean Environment Manufacturing
- General Material Handling
- Warehouse Distribution Centers

Richards-Wilcox offers complete engineering and controls design, in-house simulation, project management, and installation services for all of its conveyor systems. Let us help you design a more efficient and productive overhead conveyor solution for your business. For more information, please call 1-888-852-1020.

Your Distributor:



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