

# REXNORD® CURVE SYSTEM WITH 1540 SERIES MATTOP® CHAIN

For decades, Regal Rexnord has been creating solutions to ensure case handling lines run smoothly. Leveraging our years of experience, we are proud to introduce the Rexnord Curve System with 1540 Series MatTop Chain.

The shifting landscape in beverage containers and case pack materials and styles requires superior product handling for reliable production lines. The Rexnord Curve System was developed with durable side-flexing modular plastic technology to match customer needs for handling containers with shifting centers of gravity as packaging material continues to become thinner and thinner.

## REXNORD CURVE SYSTEM OFFERS A DROP-IN SOLUTION

The Rexnord Curve System offers a drop-in solution for all 90- and 180-degree zero tangent curve needs in each case handling line. With a balanced design, the system delivers optimal performance through a consistent, small nose over and modular chains to remove the need of roller transfer plates for both packaged and individual containers.

## SPACE SAVINGS IN EACH LINE

In the ongoing chase to optimize space in each facility or line, the Rexnord Curve System has a starting inner radius of 378 mm, or 30% less than other market solutions. Customers now have the ability to minimize each line's footprint wherever curves are used.

## CONSISTENT PRODUCT ORIENTATION

The Rexnord Curve System with 1540 MatTop Chain uses multiple 85 mm tracks of 15 mm pitch modular plastic belting to ensure the package rotates without change in orientation, making for easy conveyor use from small to large case packs. The system can also handle single containers without a transfer roller plate. This is all done by using standard 1500 Series noseover bars.

## CONVEYING SIMPLIFIED FOR EASIER MAINTENANCE

Compared to other market solutions, the Rexnord Curve System's simplified design and consistent noseover requires minimum bearings to keep the chain tracking appropriately on the ULF curves, simplifying maintenance and replacement of the chain. A simple lift of each chain module provides each maintenance team with hours of savings.

### Key Industries

- Beverage
- Intralogistics
- Food Packaging

### Key Applications

- Case Handling
- Run Dry

### General Specifications

- Options
  - 90 Degree
  - 180 Degree
- Sold as System

### Questions?

Contact your local  
Regal Rexnord Customer  
Service Representative



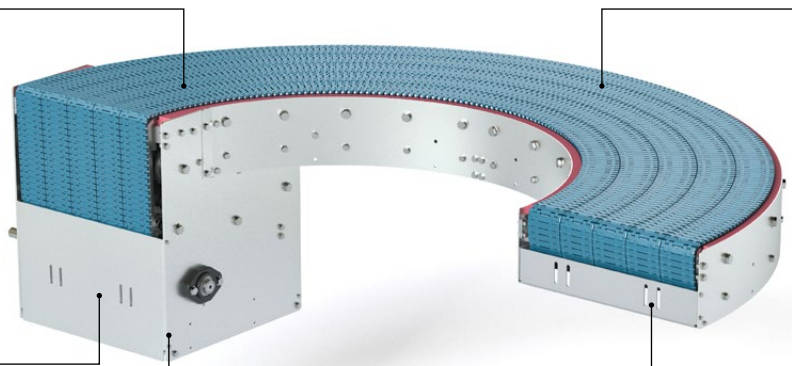
# REXNORD® CURVE SYSTEM WITH 1540 SERIES MATTOP® CHAIN

## STANDARD OFFERINGS

Inner Radius mm (in)	Belt Width mm (in)										Outer Radius mm (in)
	85 (3.34)	170 (6.69)	255 (10.03)	340 (13.38)	425 (16.73)	510 (20.07)	595 (23.42)	680 (26.77)	765 (30.11)	850 (33.46)	
378 (14.88)	463 (18.23)	548 (21.57)	633 (24.92)	718 (28.27)	803 (31.61)	888 (34.96)	973 (38.31)	1058 (41.65)	1143 (45.0)	1228 (48.35)	
548 (21.57)	633 (24.92)	718 (28.27)	803 (31.61)	888 (34.96)	973 (38.31)	1058 (41.65)	1143 (45.0)	1228 (48.35)	1313 (51.69)	1398 (55.04)	
803 (31.61)	888 (34.96)	973 (38.31)	1058 (41.65)	1143 (45.0)	1228 (48.35)	1313 (51.69)	1398 (55.04)	1483 (58.39)	1568 (61.73)	1653 (65.08)	
1058 (41.65)	1143 (45.0)	1228 (48.35)	1313 (51.69)	1398 (55.04)	1483 (58.39)	1568 (61.73)	1653 (65.08)	1738 (68.43)	1823 (71.77)	1908 (75.12)	

### Product Orientation

15 mm pitch and same angular speed of each track leads to consistent product orientation from entrance to exit.



### Space Saving

The 378 mm inner radius makes it a space problem solver in case handling areas of a beverage line, and is the smallest in the industry by 30%.

### Easy Maintenance

Minimal bearings and smaller modular belts make installation and maintenance easier.

### Consistent Noseover

Consistent noseover makes it possible to operate without transfer plates or rollers while making for easier maintenance.

### Standardized Case Handling Portfolio

Use the same sprockets throughout the rest of your 1500 Series MatTop line from case packer to palletizer.

## 1540 CHAIN

Available Widths	Available Materials	Temperate Range XLG Material				Working Load		Approximate Weight		Backflex Radius	
		Fahrenheit		Celsius							
		min dry	max dry	min dry	max dry	lbs	N	lbs/ft <sup>2</sup>	kg/m <sup>2</sup>	mm	inch
84 mm	XLG	-40	180	-40	82	326	1450	1.84	9,0	25	1



## Automation and Motion Control Regal Rexnord

Contact us: [rexnord.com/contact](https://www.rexnord.com/contact)

[regalrexnord.com](https://www.regalrexnord.com)

The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>.

To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale> (which may redirect to other website locations based on product family).

"Regal Rexnord" is not indicative of legal entity. Refer to product purchase documentation for the applicable legal entity. Regal Rexnord, Rexnord, and MatTop are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

© 2022, 2023 Regal Rexnord Corporation, All Rights Reserved. MCSSP23062E • Form# 10570E

