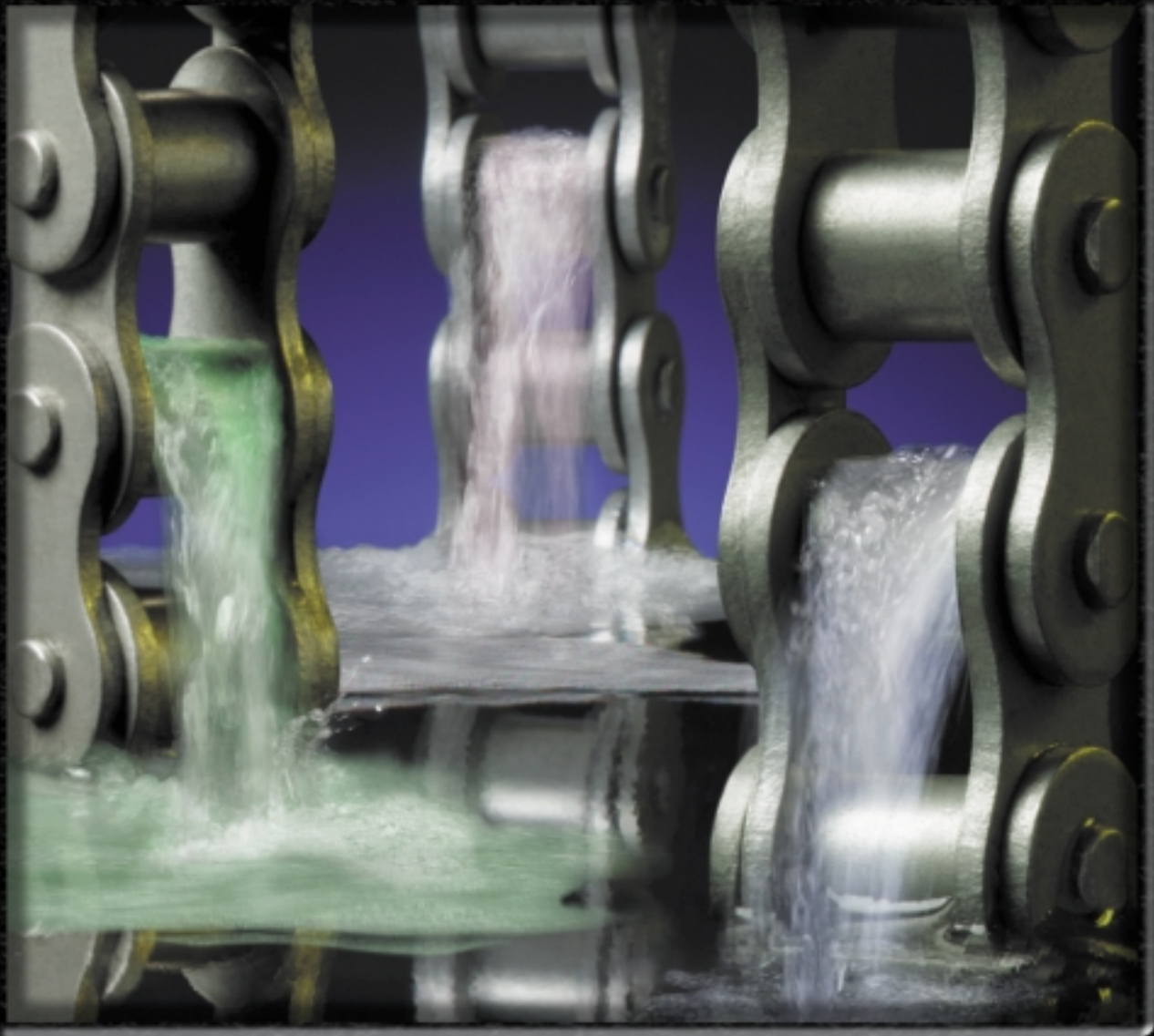


**Rex**® Roller Chains

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# REX® PLATINUM SERIES™

## CORROSION RESISTANT CHAIN



**Rexnord**  
|||||

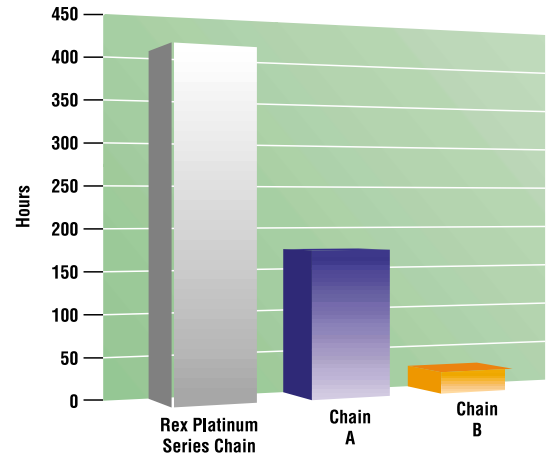
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# Rex® Platinum Series™ Chains Provide Superior Performance in Corrosive Environments

## Salt Spray Test – Rex® Platinum Series™ Chain Lasts 142% Longer

The salt spray test is a continuous test in which samples are suspended in a salt fog in a heated environment as described in standard ASTM B117. Observations are made periodically to visually determine, and record, the type and extent of corrosion. The test was performed on assembled chain. Results of the test, represented by the hours required to reach 1% red rust, are illustrated.

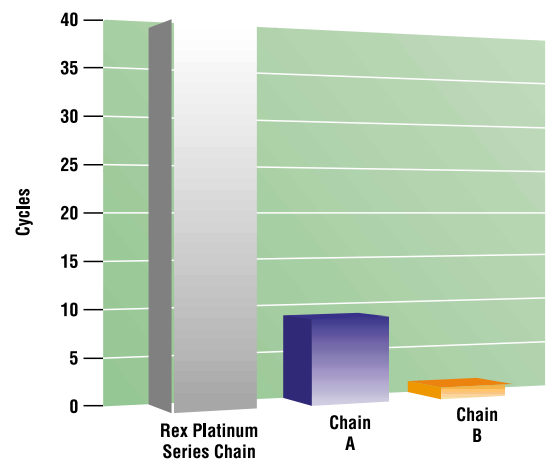
| CHAIN DESCRIPTION           | HOURS TO 1% RUST |
|-----------------------------|------------------|
| Rex® Platinum Series™ Chain | 408              |
| Competitor A                | 168              |
| Competitor B                | 24               |



## Saltwater Immersion Test – Rex® Platinum Series™ Chain Lasts 375% Longer

One cycle of the test is performed by immersing chains in a 5% salt-water solution for 8 hours and then air drying for 16 hours. The test is conducted on assembled chain. The results represent the number of cycles required to reach 1% red rust.

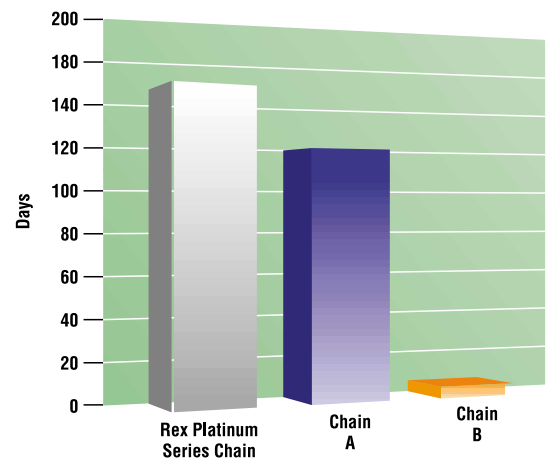
| CHAIN DESCRIPTION           | CYCLES TO 1% RUST |
|-----------------------------|-------------------|
| Rex® Platinum Series™ Chain | 39                |
| Competitor A                | 8                 |
| Competitor B                | 1                 |



## Outdoor Exposure Test – Rex® Platinum Series™ Chain Lasts Over 29% Longer

The outdoor exposure test was developed to determine the corrosion resistance of coated chains in an outdoor environment. The test was designed using ASTM G50-76 as a guideline. Coated chains are attached to an appropriate fixture, placed outdoors, and periodically checked for the presence of corrosion. The results of the test are represented by the number of days required to reach 1% red rust.

| CHAIN DESCRIPTION           | DAYS TO 1% RUST |
|-----------------------------|-----------------|
| Rex® Platinum Series™ Chain | 155*            |
| Competitor A                | 120             |
| Competitor B                | 4               |



\* Showed no sign of rust as of 155 days

Complete test results available upon request.



## Introducing The New Rex® Platinum Series™ Chains With Revolutionary Protective Coating



Rexnord, the world leader in the manufacture of superior quality chains, is proud to introduce a new corrosion resistant chain. We have taken our precision, dependable and long-lasting carbon steel roller chain and given it a revolutionary new coating called STAZ®, which greatly increases the chain's durability in corrosive environments. This exclusive roller chain coating uses five distinct metals which are plated as both elemental metals and pseudo alloys.

The STAZ® coating significantly increases the life of our standard roller chain and out-performs the competition's corrosive resistant chains by up to 375% in certain applications. The unique silver STAZ® coating won't chip, rust or flake, so it is especially well suited for use in outdoor applications, saltwater environments or the food and beverage industry where frequent wash downs occur.



STAZ® is environmentally safe and the plating process takes place here in the USA, so there are no delays in fulfilling orders. The chain components are individually plated, then assembled to assure a continuous and complete coverage of the special process. You can now have the strength and durability of carbon steel chain with exceptional corrosion resistance.



For typical applications in harsh environments such as saltwater, high humidity or where moisture is present, the new Rex® Platinum Series™ chain will provide superior corrosion resistance, reducing your downtime related to unsightly rust and premature wear. Anywhere frequent wash downs occur or in extreme temperature environments, this chain will be a problem solver – food and beverage applications such as pasteurizers, rinsers, washers and marine applications are just a few examples of typical applications.



The new Rex® Platinum Series™ chains are less expensive than stainless and provide the same strength and working loads of Rex carbon steel precision roller chains. Depend on these chains for your corrosive environment applications.

*STAZ® is a registered trademark of Wisconsin Mechanical Metal Finishers, Inc.*

# Rex® Platinum Series™ Standard Features

**Rex® Platinum Series™ chains have the same strengths and quality features as our carbon steel chains.**

## **Armor-Cased Pin Design**

Provides high core hardness for greater breaking strength. Durable armor casing assures uniform case depth providing maximum live bearing area wear life.

## **Wide-Waisted Link Plates**

Virtually eliminates link plate waist fatigue failures because of better stress distribution. Gives chain a heavy, rugged appearance and reduces vibration when chain tensioner is used.

## **Heavy Walled Bushings (up to 25% heavier)**

Higher horsepower capacity – transmit higher loads without failure. Deep carburized case gives longer life. Greater bushing rigidity improves resistance to tight joints.

## **Bushing and Roller Roundness**

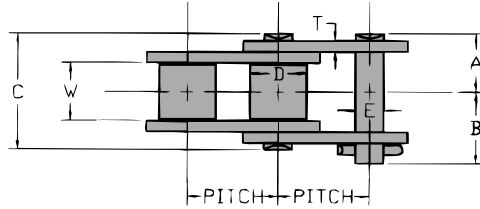
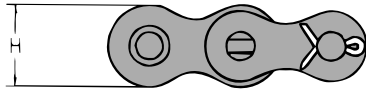
Bushings and rollers are formed by unique equipment which guarantees roundness and uniformity of wall thickness. Grain flow of product is superior because of the lack of stress concentrations normally found in deep drawn, small, inside diameter parts.

## **Heavy Press Fits of Pins and Bushings**

Optimal press fits assures maximum fatigue life in critical areas around sidebar holes where cracks most often develop. This provides maximum fatigue resistance by minimizing the stress range associated with cycle loading.



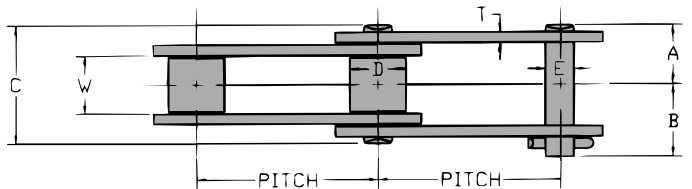
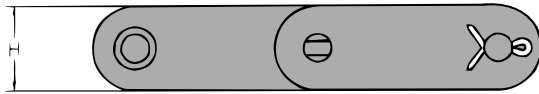
# Corrosion Resistant Rex® Platinum Series™ Chains



## Standard Roller Chain

| REX CHAIN NO. | DIMENSIONS - INCHES |                |       |                              |                               |                 |      |            |           |                | AVERAGE ULTIMATE STRENGTH, LBS. | MINIMUM ULTIMATE STRENGTH ANSI STD. LBS. | AVERAGE WEIGHT PER FOOT, LBS. | STD. TYPE OF PIN LINK | TYPE OF CONNECTING LINK |
|---------------|---------------------|----------------|-------|------------------------------|-------------------------------|-----------------|------|------------|-----------|----------------|---------------------------------|--|-------------------------------|-----------------------|-------------------------|
|               | PITCH               | ROLLER/BUSHING |       | RIV. END TO CENTER LINE<br>A | CONN. END TO CENTER LINE<br>B | OVERALL WIDTH C |      | LINK PLATE |           | PIN DIAM.<br>E |                                 |  |                               |                       |                         |
|               |                     | WIDTH          | DIAM. |                              |                               | RIV.            | COT. | HEIGHT     | THICKNESS |                |                                 |  |                               |                       |                         |
|               |                     | W              | D     |                              |                               |                 |      | H          | T         |                |                                 |  |                               |                       |                         |
| 40P*          | 0.500               | 0.31           | 0.312 | 0.32                         | 0.38                          | 0.64            | 0.70 | 0.47       | 0.060     | 0.156          | 3,700                           | 3,125                                    | 0.41                          | Riv                   | SCCLK                   |
| 50P*          | 0.625               | 0.38           | 0.400 | 0.41                         | 0.48                          | 0.82            | 0.89 | 0.59       | 0.080     | 0.200          | 6,100                           | 4,882                                    | 0.68                          | Riv                   | SCCLK                   |
| 60P*          | 0.750               | 0.50           | 0.469 | 0.50                         | 0.60                          | 1.00            | 1.10 | 0.71       | 0.094     | 0.234          | 8,500                           | 7,030                                    | 1.04                          | Riv                   | DC                      |
| 80P*          | 1.000               | 0.63           | 0.625 | 0.63                         | 0.74                          | 1.26            | 1.37 | 0.91       | 0.125     | 0.312          | 14,500                          | 12,500                                   | 1.70                          | DC                    | DC                      |
| 100P*         | 1.250               | 0.75           | 0.750 | 0.76                         | 0.89                          | 1.52            | 1.65 | 1.13       | 0.156     | 0.375          | 24,000                          | 19,530                                   | 2.70                          | DC                    | DC                      |

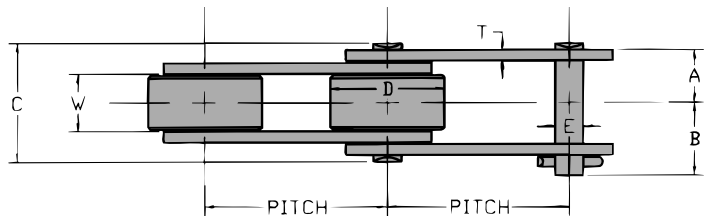
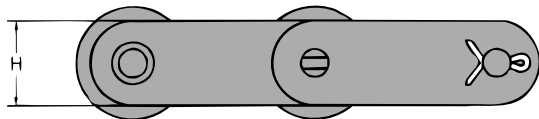
\* These sizes available in stock. However, other size chain may be coated. Please contact the factory for details.



## Double-Pitch Roller Chain

| REX CHAIN NO. | DIMENSIONS - INCHES |                |       |                              |                               |                 |      |            |           |                | AVERAGE ULTIMATE STRENGTH, LBS. | MINIMUM ULTIMATE STRENGTH ANSI STD. LBS. | AVERAGE WEIGHT PER FOOT, LBS. | STD. TYPE OF PIN LINK | TYPE OF CONNECTING LINK |
|---------------|---------------------|----------------|-------|------------------------------|-------------------------------|-----------------|------|------------|-----------|----------------|---------------------------------|--|-------------------------------|-----------------------|-------------------------|
|               | PITCH               | ROLLER/BUSHING |       | RIV. END TO CENTER LINE<br>A | CONN. END TO CENTER LINE<br>B | OVERALL WIDTH C |      | LINK PLATE |           | PIN DIAM.<br>E |                                 |  |                               |                       |                         |
|               |                     | WIDTH          | DIAM. |                              |                               | RIV.            | COT. | HEIGHT     | THICKNESS |                |                                 |  |                               |                       |                         |
|               |                     | W              | D     |                              |                               |                 |      | H          | T         |                |                                 |  |                               |                       |                         |
| C2040P*       | 1.000               | 0.31           | 0.312 | 0.32                         | 0.38                          | 0.64            | 0.70 | 0.47       | 0.060     | 0.156          | 3,900                           | 3,125                                    | 0.34                          | Riv                   | SCCLK                   |
| C2050P*       | 1.250               | 0.38           | 0.400 | 0.41                         | 0.48                          | 0.82            | 0.89 | 0.59       | 0.080     | 0.200          | 6,300                           | 4,882                                    | 0.58                          | Riv                   | SCCLK                   |
| C2060HP*      | 1.500               | 0.50           | 0.469 | 0.50                         | 0.60                          | 1.00            | 1.10 | 0.71       | 0.125     | 0.234          | 8,500                           | 7,030                                    | 1.00                          | Riv                   | SCCLK                   |
| C2080HP*      | 2.000               | 0.63           | 0.625 | 0.63                         | 0.74                          | 1.26            | 1.37 | 0.91       | 0.156     | 0.312          | 14,500                          | 12,500                                   | 1.60                          | DC                    | DC                      |

\* These sizes available in stock. However, other size chain may be coated. Please contact the factory for details.



## Delrin Carrier Roller Chain

| REX CHAIN NO. | DIMENSIONS - INCHES |                |       |                              |                               |                 |      |            |           |                | AVERAGE ULTIMATE STRENGTH, LBS. | MINIMUM ULTIMATE STRENGTH ANSI STD. LBS. | AVERAGE WEIGHT PER FOOT, LBS. | STD. TYPE OF PIN LINK | TYPE OF CONNECTING LINK |
|---------------|---------------------|----------------|-------|------------------------------|-------------------------------|-----------------|------|------------|-----------|----------------|---------------------------------|--|-------------------------------|-----------------------|-------------------------|
|               | PITCH               | ROLLER/BUSHING |       | RIV. END TO CENTER LINE<br>A | CONN. END TO CENTER LINE<br>B | OVERALL WIDTH C |      | LINK PLATE |           | PIN DIAM.<br>E |                                 |  |                               |                       |                         |
|               |                     | WIDTH          | DIAM. |                              |                               | RIV.            | COT. | HEIGHT     | THICKNESS |                |                                 |  |                               |                       |                         |
|               |                     | W              | D     |                              |                               |                 |      | H          | T         |                |                                 |  |                               |                       |                         |
| C2042DP       | 1.000               | 0.31           | 0.625 | 0.32                         | 0.38                          | 0.64            | 0.70 | 0.47       | 0.060     | 0.156          | 3,900                           | 3,125                                    | 0.33                          | Riv                   | SCCLK                   |
| C2052DP       | 1.250               | 0.38           | 0.750 | 0.41                         | 0.48                          | 0.82            | 0.89 | 0.59       | 0.080     | 0.200          | 6,300                           | 4,882                                    | 0.57                          | Riv                   | SCCLK                   |
| C2062HDP      | 1.500               | 0.50           | 0.875 | 0.50                         | 0.60                          | 1.00            | 1.10 | 0.71       | 0.125     | 0.234          | 8,500                           | 7,030                                    | 0.98                          | Riv                   | SCCLK                   |
| C2082HDP      | 2.000               | 0.63           | 1.125 | 0.63                         | 0.74                          | 1.26            | 1.37 | 0.91       | 0.156     | 0.312          | 14,500                          | 12,500                                   | 1.35                          | DC                    | DC                      |

# Worldwide Sales and Services List

## International

### AUSTRALIA

Rexnord Australia Pty. Ltd.  
P.O. Box 304  
Padstow, N.S.W. 2211  
Australia  
Telephone: 61-2-9773-0575  
Fax: 61-2-9774-5514

### BRAZIL

Rexnord Correntes Ltda.  
Caixa Postal, 290  
93001 Sao Leopoldo – RS  
Brazil  
Telephone: 55-51-588-3000  
Fax: 55-51-588-1334

### EUROPE

Rexnord PT  
Rexnord Belgium N.V.  
Airport Ring Center  
Maalbeekweg 17  
1930 Zaventem  
Belgium  
Telephone: 32-2-725-4060  
Fax: 32-2-720-1023

### LATIN AMERICA (MIAMI)

Rexnord International Inc.  
7200 NW 19th Street  
Suite 202  
Miami, FL 33126, USA  
Telephone: 305/592-4367  
Fax: 305/592-5384

### MEXICO

Cadenas y Componentes  
Rexnord, S.A. de C.V.  
Boulevard Bernardo  
Quintano 155-Segundo Nivel  
Querétaro, Qro. 76060  
México  
Telephone: 52-42-23-51-99  
Fax: 52-42-23-51-37

### SINGAPORE

Rexnord International Inc.  
141 Middle Road  
#03-02C, GSM Building  
Singapore 188976  
Telephone: 65-338-5622  
Fax: 65-338-5422

## Canada

### ALBERTA

9783-45 Avenue  
Edmonton, Alberta  
T6E 5V8  
Telephone: 403/463-9444  
Fax: 403/450-4973

### BRITISH COLUMBIA

4211 Kingsway, Ste. 204  
Burnaby, British Columbia  
V5H 1Z6  
Telephone: 604/435-5000  
Fax: 604/435-6516

### ONTARIO

81 Maybrook Drive  
Scarborough, Ontario  
M1V 3Z2  
Telephone: 416/297-6868  
Fax: 416/297-6873

### QUEBEC

9255 Cote de Liesse Rd.  
Dorval, Quebec  
H9P 2N9  
Telephone: 514/631-4444  
Fax: 514/631-9163

## U.S. Sales Offices

### ATLANTA

1900 Lake Park Drive – #370  
Smyrna, GA 30080-8860  
Telephone: 770/431-7300  
Fax: 770/431-7298

### BIRMINGHAM

3100 Lorna Road, Suite 200  
Birmingham, AL 35216  
Telephone: 205/822-7708  
Fax: 205/979-0010

### CHICAGO

2232 Wisconsin Avenue  
Downers Grove, IL 60515  
Telephone: 630/968-7553  
Fax: 630/810-1081

### CINCINNATI

8040 Hosbrook Rd. – #202  
Cincinnati, OH 45236-2908  
Telephone: 513/791-0601  
Fax: 513/792-8793

### HOUSTON

17171 Park Rd. – #150  
Houston, TX 77084-4927  
Telephone: 281/398-9570  
Fax: 281/398-9569

### KANSAS CITY

9225 Ward Parkway – #115  
Kansas City, MO 64114-3324  
Telephone: 816/361-8889  
Fax: 816/523-5403

### LOS ANGELES

601 E. Glenoaks Blvd. – #206  
Glendale, CA 91207-1760  
Telephone: 818/552-6100  
Fax: 818/552-6108

### MILWAUKEE

4601-D W. Greenfield Avenue  
Milwaukee, WI 53214  
Telephone: 414/643-2443  
Fax: 414/643-2430

### PHILADELPHIA

1004 W. Ninth Avenue  
Continental Plaza  
King of Prussia, PA 19406-1205  
Telephone: 610/962-9980  
Fax: 610/962-9984

### ROANOKE

2715 Brambleton Ave. S.W.  
Roanoke, VA 24015  
Telephone: 540/772-0451  
Fax: 540/772-3328

### SEATTLE

33305 1st Way So. – #103  
Federal Way, WA 98003  
Telephone: 253/927-6609  
Fax: 253/927-6832

## U.S. Service Centers

### ATLANTA

1900 Lake Park Drive  
Suite 360  
Smyrna, GA 30080  
Telephone: 770/431-7200  
Fax: 770/431-7299

### COLUMBUS

4040 Fondorf Drive  
P.O. Box 28502  
Columbus, OH 43228-1026  
Telephone: 614/276-7235  
Fax: 614/276-1137

### DALLAS

1217 Corporate Drive West  
Arlington, TX 76006-6103  
Telephone: 817/640-3332  
Fax: 817/640-8704

### FRESNO

1080 W. Sierra Avenue  
Suite 102  
Fresno, CA 93711-2063  
Telephone: 209/435-1111  
Fax: 209/439-6887



Rexnord Corporation  
Roller Chain Division  
Box 346  
Indianapolis, IN 46206  
PH: 317/267-2200  
FAX: 317/267-2248  
www.rexnord.com