



POWER TRANSMISSION PRODUCTS AND SOLUTIONS

AGGREGATE INDUSTRY



From purchasing and installation to field monitoring and service, Regal Rexnord helps **MAXIMIZE YOUR UPTIME.**

We help maintenance crews by providing durable products that enable error-proof installation. Keep your aggregates operation at top production with our full line of high-quality, easy-to-install products.

WHEN EASE OF INSTALLATION, DURABILITY AND PERFORMANCE ARE NEEDED, **REGAL REXNORD** **IS THE TRUSTED CHOICE.**

AGGREGATE PROCESSING EXPERTISE

Work with a true partner who understands your applications, specifies the right equipment and adds value at every step. Regal Rexnord has kept materials moving through aggregate operations for more than a century. Operators, original equipment manufacturers and consulting engineers turn to Regal Rexnord for their power transmission solutions.

REGAL REXNORD IS WITH YOU EVERY STEP OF THE WAY

From purchase and installation to testing, monitoring, repair and overhauls, Regal Rexnord provides outstanding lead times and customer service. Count on our superior product quality, on-the-spot field service and industry-leading technical support to prevent costly maintenance, repairs and shutdowns, maximizing your return over the product's total lifecycle. With sales and service operations worldwide, and a vast network of distributor relationships, we deliver exactly what you need, when you need it.

REGAL REXNORD PRODUCTS, REGAL REXNORD RELIABILITY

Regal Rexnord is a leading manufacturer of critical system components that perform under the most rigorous demands in aggregate applications, including gear drives, bearings, backstops, idlers, couplings, torque limiters, and shaft locking assemblies. With safety in mind, our products are engineered to meet cost and performance criteria to ensure the most efficient solution for your specific applications.

GLOBAL SOLUTIONS

Regal Rexnord aggregate
installations around the world

- Australia
- Brazil
- Canada
- Chile
- Colombia



- India
- Indonesia
- Mexico
- South Africa
- United States



PRIMARY & SECONDARY CRUSHERS

A B C E F H I J K L M N

PRIMARY & SECONDARY CONVEYORS

A B C D E F G H I J K L M N O P



Map shows typical aggregate operation.

BEARINGS



A Rexnord® SAF-Style Bearings



B Rex® SHURLOK® Adapter Mount Spherical Roller Bearings

GEAR DRIVES



C Falk® V-Class® Gear Drives



D Falk® Quadrive® Shaft-Mounted Gear Drives



E Rexnord Planetgear™ Speed Reducers

PT DRIVE COMPONENTS



F Autogard® Torque Limiters



G Falk True Hold® Low-Speed Backstops



H Tollok® Keyless Locking Assemblies

COUPLINGS



I Falk® Steelflex® Grid Couplings



J Falk Lifelign® Gear Couplings



K Falk True Torque® Fluid Couplings



L Rexnord® Omega® & Viva® Elastomeric Couplings



M Falk Wrapflex® Elastomeric Couplings



N Falk Orange Peel® Rotating Shaft Guards

INDUSTRIAL CHAIN & CONVEYING EQUIPMENT



O Rex® Conveyor Idlers

SERVICES



P Rexnord Industrial Services™ and Falk Renew®



ONE SUPPLIER, MULTIPLE SOLUTIONS

Regal Rexnord produces a **FULL LINE** of heavy-duty gear drives, couplings, backstops, and easy-to-fit shaft guards for the most rugged applications in aggregate production.

Customers know that when it comes to durability and performance, Regal Rexnord understands what it takes to excel in the aggregate business. Our superior engineering, quality craftsmanship, and a highly knowledgeable sales and distribution network go a long way in fulfilling a commitment we began making to our customers more than a century ago.

REGAL REXNORD — DIVERSE POWER TRANSMISSION PRODUCTS

FROM CRUSHING, SCREENING, AND CONVEYING, TO HAULING AND WASHING

With over 100 years servicing the aggregate industry, Regal Rexnord understands what it takes to keep your operations running. Over the years, we've developed a global reputation as a trusted leader in the aggregate industry; Regal Rexnord knows what it takes for our customers to succeed. When it comes to highly demanding aggregate applications, our products provide the dependable service life you need.

GEAR DRIVES

- Rexnord® Planetgear® Speed Reducers
- Falk® Quadrive® Shaft-Mounted Drives
- Falk V-Class® Gear Drives

BEARINGS

- Rex® SHURLOK® Adapter Mounted Spherical Roller Bearings
- Sealmaster® Mounted Ball Bearings
- Sealmaster Mounted Tapered Roller Bearings
- Link-Belt® SAF Spherical Roller Bearings
- Link-Belt Cylindrical Roller Bearings
- Rollway® Unmounted Bearings
- PT Select® Mounted Spherical Bearings
- Duralon® Filament Bearings
- McGill® Cam Followers & Needle Bearings

INDUSTRIAL CHAIN & CONVEYING EQUIPMENT

- Rex Engineered Steel Chain
- Rex Roller Chain
- Rex Conveyor Idlers

PT DRIVE COMPONENTS

- Autogard® Torque Limiting Devices
- Falk True Hold® Low-Speed Backstops
- Tollok® Keyless Locking Assemblies
- Browning® Belt Drives

COUPLINGS

- Falk Steelflex® Grid Couplings
- Falk Lifelign® Gear Couplings
- Falk Orange Peel® Rotating Shaft Guards
- Falk True Torque® Fixed-Fill Fluid Couplings
- Rexnord® Omega® and Viva® Elastomeric Couplings
- Falk Wrapflex® Elastomeric Couplings

POWER TRANSMISSION SERVICES

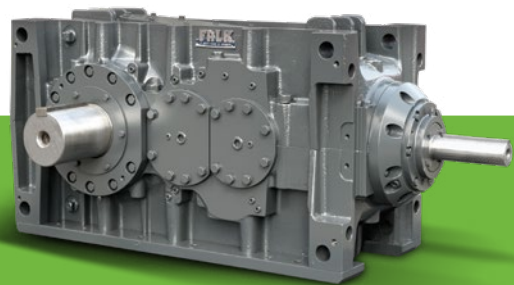
- Rexnord Industrial Services
- Perceptiv™ Condition Monitoring

FALK V-CLASS GEAR DRIVES — QUALITY DESIGN FROM THE START.

The Falk V-Class Gear Drive is the standard in gear drive performance from Regal Rexnord — a drive that's born to lead and built to last. With its cooler operating temperature, optimal power and advanced technology, the Falk V-Class Gear Drive outperforms and outlasts the competition.

FALK V-CLASS FAST FACTS

- 27 unit sizes, up to 3M in-lb (340 kNm) torque
- Up to 10,000 hp (7,500 kW)
- Parallel or right-angle configuration
- Solid or hollow output shaft
- Superior thermal performance
- Heavy-duty ductile iron housings withstand shock loads
- Exclusive Magnum no-leak seal design
- Horizontal split-housing allows easy disassembly/assembly for maintenance





TRUSTED PRODUCTS FOR AGGREGATE APPLICATIONS

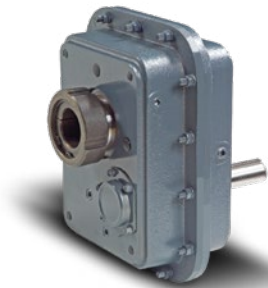
Plant managers and maintenance superintendents know that **EQUIPMENT SERVICEABILITY** is a critical factor in maintaining uptime and efficiency at their aggregate facilities.

Regal Rexnord partners with aggregate plants to find dependable solutions that handle misalignment and contamination. Our gear drives, couplings, bearings and industrial chain are designed for tough aggregate applications, and offer extended service life.

REGAL REXNORD — KEEPING YOUR SITE OPERATING TO KEEP YOUR REVENUE ROLLING

Regal Rexnord™ products are engineered to provide optimum service life as well as ultimate serviceability in crushing, screening, and conveyor applications. Built to withstand high load factors and multi-shift aggregate operations, we design our products to lower your operating costs and increase your profits. The Falk® Quadrive® Shaft-Mount Gear Drives and Falk V-Class® Parallel Shaft Gear Drives feature the exclusive torque assist (TA) taper bushings, and Falk True Hold® Low Speed Backstops with exceptional reverse rotation protection. A complete shaft coupling product offering assures you have the right product at the right time for your aggregate application.

The Regal Rexnord family of coupling and gear drive products provides you with a diverse selection of solutions to suit your specific applications.



FALK QUADRIVE SHAFT-MOUNTED GEAR DRIVES

Falk Quadrive Shaft-Mounted Gear Drives are backed by the industry's first standard three-year warranty, providing "shaft-to-shaft" protection on all Quadrive components, including bearings and seals. Our severe-duty, grease-purged Viton®* seals handle high temperatures and prevent leakage, ultimately preventing gearbox failure. With our TA taper bushing, the Falk Quadrive Shaft-Mounted Drive is guaranteed to come off the shaft — regardless of length of service or operating conditions — or Regal Rexnord will replace it for free.

- Single TA bushing allows for fast and simple installation
- Ratios of 5, 9, 14, 25:1
- Up to 300 hp (224 kW)
- Up to 360,000 in-lbs (40,675 Nm)
- Available in inch or metric
- 11 sizes for flange or shaft mounting
- Horizontal or vertical mounting
- Bushing bores from 1 to 6-1/2 in (25 to 160 mm)
- 5 to 350 rpm output speeds
- TA taper bushing guarantees lifetime removal
- High-performance seal design handles severe-duty applications with Viton grease purgeable seals



FALK STEELFLEX® GRID COUPLINGS

Falk Steelflex Grid Couplings are specified in many of the most demanding applications in the world. The high-impact loads placed on conveyors will push the limits on your components. Our couplings can reduce the impact of these loads on your equipment by up to 30 percent. To become the standard in these industries you need to be tough.

- 25 sizes
- 11 models including high-speed, spacer, flywheel, brake and controlled torque
- Up to 20 in (508 mm) bore capacity
- Up to 8,250,000 in-lb (932,126 Nm) torque capacity
- Up to 10,000 rpm
- Five-year heavy-duty warranty when lubricated with Falk Long Term Grease (LTG)
- Extended maintenance periods
- Replace-in-place design eliminates need to move connected equipment
- Minimized changeover time

*Viton is believed to be the trademark and/or trade name of The Chemours Company FC, LLC and is not owned or controlled by Regal Rexnord Corporation.



EASE OF INSTALLATION

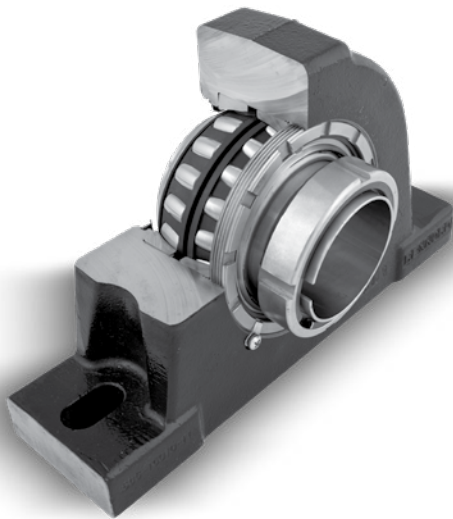
Regal Rexnord products include a global support network that keeps up customer production with the **HIGHEST UPTIME** and **LOWEST TOTAL COST OF OWNERSHIP** available.

Regal Rexnord offers a broad product line with a high quality distributor, sales, and technical network. Our products and parts are readily available and easy to install, making them the best solution for maintenance crews across the industry.

REGAL REXNORD — PROVEN RELIABILITY AND SERVICE

With over 100 years servicing the aggregate industry, Regal Rexnord understands what it takes to keep your operations running. Whether newly installed or undergoing routine maintenance, our products help ensure continued production throughout the day. Regal Rexnord™ product solutions have been proven to cut installation and maintenance time while consistently exceeding industry performance standards.

Our broad portfolio of power transmission components bundled with Rexnord Industrial Services, application expertise, and superior reengineering and installation support make Regal Rexnord the trusted partner for your aggregate operation.



REX® SHURLOK® ADAPTER MOUNT SPHERICAL ROLLER BEARINGS

Our Rex SHURLOK Adapter Mount Spherical Roller Bearings were designed to maximize uptime and minimize changeover time so you can keep your equipment, production, and profits going strong. SHURLOK attacks the two primary causes of bearing failure – improper mounting to the shaft and contamination due to inadequate sealing – and is ideal for tough environments found in aggregate production.

- Full range of housing styles
- Solid and split cap styles available in powder coated cast iron or steel
- Shaft sizes up to 6-15/16 inch (125 mm)
- Shaft attachment with SHURLOK Adapter Mount technology
- Four standard field interchangeable seals (Viton option available)
- 4 degrees (+/- 2 degrees) of dynamic and static misalignment
- Proprietary Positive Locking System
- Accommodates commercial grade shafting



CASE STUDY

REX 6000 SERIES SHURLOK REDUCE COSTS AT AGGREGATE PLANT

A North America-based aggregate plant needed help with bearings that could accommodate significant misalignment. A previous supplier's bearings could not handle the facility's requirements, and caused significant production performance issues at the site. Setting clearances on the previous bearings in the field with feeler gauges led to inaccuracies, and the split housings exposed them to contaminants during maintenance. Not knowing when the lock nuts were properly tightened also added difficulties for the maintenance crew. The customer then turned to Rex 6000 Series Adapter Mount Bearings, which helped eliminate several issues. A mechanic who was involved in installing the new Rexnord Bearings said, **"The new bearings had a greater misalignment capacity than the previous bearings."**

AGGREGATE INDUSTRY



Motion Control Solutions Regal Rexnord

Customer Service: 800-626-2120

Technical Service: 800-626-2093

CustomerService.PTSolutions@regalrexnord.com

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, Falk, Duralon, Link-Belt, McGill, Tollok, Rollway, Perceptiv, Rex, Rexnord, PT Select, Sealmaster, Browning, SHURLOK, True Hold, Wrapflex, Lifelign, Steelflex, True Torque, Omega, Viva, Autogard and Orange Peel are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

© 2016, 2023 Regal Rexnord Corporation, All Rights Reserved. MCB23025E • Form# VM1-013E

RegalRexnord™