



Productivity Solutions for Material Handling



Smoother. Faster. Longer.
Because That's How We Roll.



From Automatic Storage and Retrieval Systems to Telescoping Conveyors, from Fork Trucks to Container Handlers, RBC Bearings® provides an extensive range of solutions that improve your productivity every step of the way.



RBC Bearings® provides global industrial, aerospace, and defense customers with unique design solutions to complex problems and an unparalleled level of service, quality, and support.

RBC Bearings® manufactures highly engineered precision plain, roller and ball bearings, shaft collars, rigid couplings and keyless locking devices. While RBC Bearings® designs and manufactures products in these major product categories, RBC Bearings® excels at solving the most demanding and difficult applications with solutions that improve customers' products and process performance and deliver the lowest total cost of ownership. This has been achieved by providing products such as maintenance free bearings and

components, and bearings designed to withstand environments with extreme temperature, high speed, contamination, corrosion, and severe shock loading.

RBC Bearings® has been providing engineered solutions to customers since 1919. RBC Bearings® has significantly broadened our end markets, products, customer base and geographic reach through organic growth and through acquisitions. These acquisitions fit well with our philosophy of providing high quality products and solutions to our customer base. They have enhanced our customer solutions and experience, further diversifying our offering to our target markets.

RBC Bearings® currently has facilities in five countries, with manufacturing in 33 locations.



Productivity Solutions for Material Handling

RBC Bearings® offers solutions for material handling applications including:

- ✓ Automatic Storage and Retrieval Systems
- ✓ Belt Conveyors
- ✓ Roller Conveyors
- ✓ Trolley Conveyors
- ✓ Fork Trucks
- ✓ Container Handling

RBC Bearings® experience in the Material Handling industry allows us to deliver engineered solutions to your toughest application challenges involving:

- ✓ High Speeds and Loads
- ✓ Extreme Temperatures
- ✓ Contaminated Environments



RBC Bearings® has a broad product offering for the material handling industry including:

NEW! RBC® Track Runners

- ✓ Ball and Tapered Roller Bearing Assemblies
- ✓ Straight or Flanged OD
- ✓ Special configurations available upon request

Needle Roller Cam Followers

- ✓ Stud and Yoke Style Followers from 1/2" to 10" OD
- ✓ Sealed and Open Configurations
- ✓ Cylindrical or Crowned OD
- ✓ Eccentric Stud

RBC Roller® Cam Followers

- ✓ Cylindrical Roller Followers from 1" to 10"
- ✓ Sealed for Life Design
- ✓ Able to operate at higher speeds and loads
- ✓ Up to 5 times the life of a standard needle roller cam follower!

Climax™ Metal Products

- ✓ Keyless Locking Devices
- ✓ Shaft Couplings

NICE® Ball Bearings

- ✓ Precision Ground and Semi-Ground Inch Ball Bearings with Sealed, Shielded and Open Designs
- ✓ ER Style Conveyor Bearings
- ✓ CB14, CB504 Special Conveyor Bearing

HEIM® Rod Ends

- ✓ Standard, Precision and Heavy Duty designs
- ✓ High Strength two-piece design
- ✓ Self Lubricating Options
- ✓ Wide Range of Optical Features

Fiberglide® Self-Lubricating Bearings

- ✓ Journal bearings, split seam steel backing, zinc plated
- ✓ Solid race machined journal bearings, metal backed
- ✓ Additional standard configurations

Engineered Special Products

- ✓ Maintenance Free Designs
- ✓ Engineered Polymers and Thermoplastics
- ✓ Special Materials, Platings and Coatings



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RBC Bearings® has been producing bearings in the USA since 1919. In addition to unique custom bearings, RBC Bearings® offers a full line of standard industrial and aerospace bearings, including:



Tapered Roller Thrust Bearings

Case-hardened tapered roller thrust bearings for oilfield top drives and swivels. Available in full complement, maximum capacity versions.



Thin Section Ball Bearings

Standard cross sections to one inch. Bore sizes to 40 inches. Stainless steel and other materials are available. Seals are available on all sizes and standard cross sections. Super duplex configurations.



Cam Followers

Standard stud, heavy stud, yoke type, caged roller followers. Patented **RBC Roller**® cylindrical roller cam followers, **HexLube**® universal cam followers, airframe track rollers.



Cylindrical Roller Bearings

Cylindrical roller bearings designed for mud pump pinion and eccentric positions. Fully interchangeable to industry standards.



Needle Roller Bearings

Pitchlign® caged heavy duty needle roller bearings ideal for cross head bearings applications. These double row bearings are available in single row and **Tandem Roller**® versions.



Commercial Rod Ends

Commercial and industrial, precision, Mil-Spec series, self-lubricating, and aircraft. Sold under the **Heim**®, **Unibal**®, and **Spherco**® names. Available in inch and metric sizes.



Spherical Plain Bearings

Radial, angular contact, extended inner ring, high misalignment. **QuadLube**®, **ImpactTuff**®, **SpreadLock**® Seal, **CrossLube**®, **DuraLube**™, and self-lubricating bearings. Available in inch and metric sizes.



Tapered Roller Bearings

Single, double, & multi row versions available for main bearing positions in mud pumps, gear boxes, etc. Bearings are constructed of case hardened steel washers and rollers with bore size of 11" or greater.



TP Series Bearings

RBC Bearings® TP Series cylindrical roller thrust bearings ideal for crane hooks, oil well swivels, winch systems, and gear boxes. Fully interchangeable with industry standard offering.



Keyless Locking Devices

Mechanical bushings used to connect power transmission components onto rotating shafts. Without the use of keyways, KLDs eliminate the problems associated with backlash including fretting, corroding, and wallowing.



Lubron™ Bearings

Lubron™ self-lubricating bearings designed and custom manufactured in most any size, material and bearing configuration. Applications include hydro power and water control, nuclear power generation, infrastructure, architecture, offshore marine, industrial, machinery and heavy equipment.



Shaft Collars

Used to position or locate a component on a shaft. Made from mild steel, type 303 or 316 stainless steel, aluminum, or acetal. Available in inch and metric sizes.



Self-Lubricating Bearings

Radial, thrust, rod ends, spherical bearings, high temperature, high loads. Available in inch and metric sizes. **Fiberglide**® self-lubricating bearings.



Specials

RBC Bearings® manufactures many specialty bearings for the aerospace, oil and energy, semiconductor equipment, packaging, transportation, and other industries.



Ball Bearings

Precision ground, semiground, unground. High loads, long life, smooth operation. **Nice**® branded products are offered in caged and full complement configurations.



Rigid Couplings

Shaft couplings serve as components to time, join, or align shafts at lower speeds and torque, especially when zero backlash is desired. Made from mild steel with a black oxide finish type 303 stainless steel, or aluminum. Available in inch and metric sizes.



PIC Design®

Complete line of precision gears, precision hardware, timing belts, pulleys, and linear motion systems. Industries served include industrial, aerospace, defense, medical, robotics and automation, material handling, and assembly. Custom design support for unique applications.