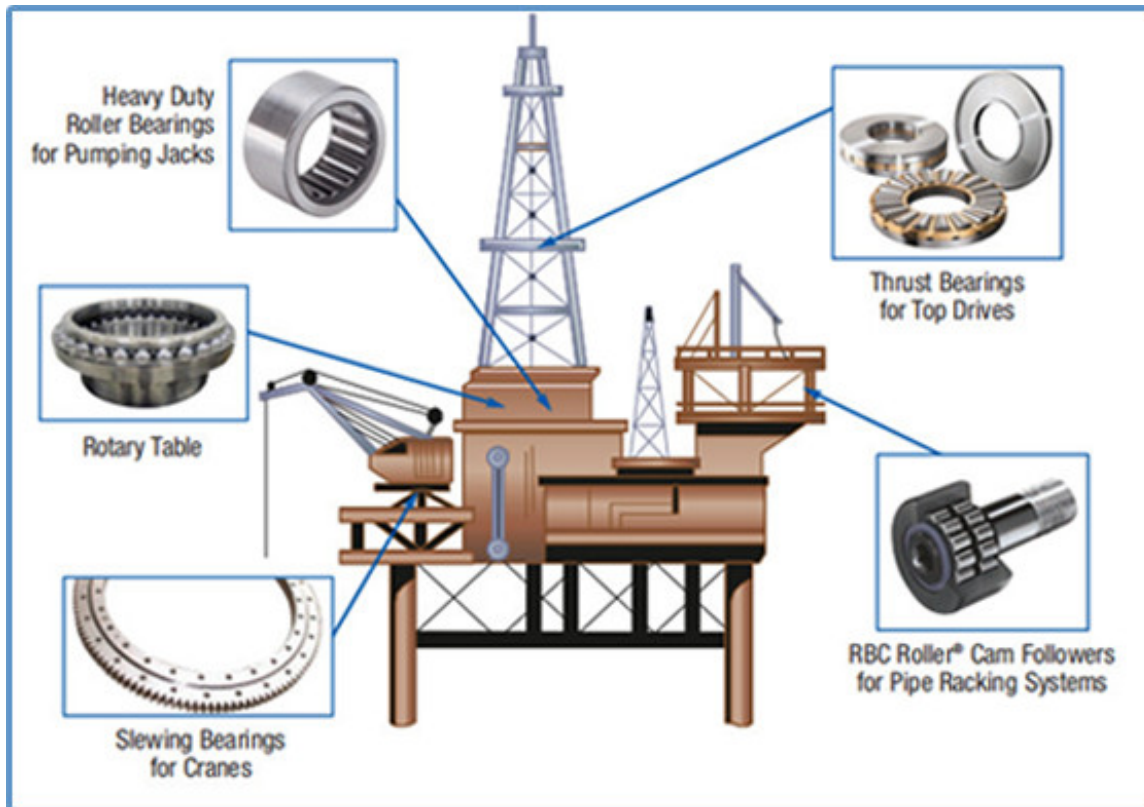


Bearings performance are essential in the oilfield market. Maker parts utilized in this market-- such as pumps, compressors, electrical motors, blowers and ventilators-- are especially prone to alter. Bearings need to work dependably and exactly, even in tough conditions.

Pump applications put a good deal of pressure on bearings. The products utilized for bearings and bearing cages need to endure hard conditions. The bearings need to support axial, radial or combined loads, run similarly dependably at low and high speeds (1,500 rpm to 3,000 rpm) all while managing various lubrication conditions with ease.





Optimum mud circulation is guaranteed with our bearing options, which enable high torque at low speed and unlimited speed variations. Our oilfield bearing save area and weight, making them as effective in their style and design as they remain in their efficiency. The durable bearing real estate style and tested EW Series of Cylindrical Roller Bearings innovation of our drive options suggest dependability and versatility. Our rugged Double Row Angular Contact Ball Bearings holds up against the most difficult environments, yet it provides you EM Series of Cylindrical Roller Bearings for enhanced production. Our compact and weight-saving Pump Bearings services make it possible for smooth, effective motion from one job to the next.

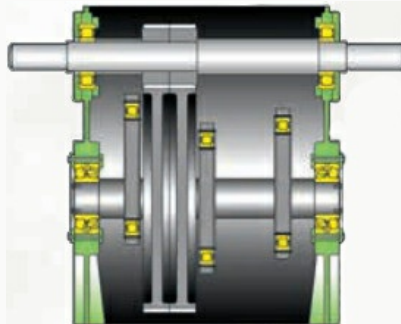


1 Hook

Utilizing cylindrical thrust bearings to help support the suspended swivel (Item 2) and allow the hook to rotate.

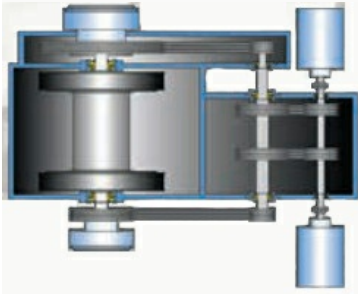
2 Swivel

Utilizing tapered thrust bearings to support the drill stem and allow the mud to flow while drilling.



3 Mud Pump

Mud pumps utilize Rollway brand cylindrical and spherical radial roller bearings to support the crank shaft, drive shaft and piston rods on the crank eccentrics.

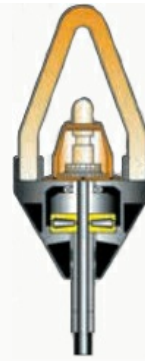


4 Drawworks

Chain driven drawworks utilize Rollway brand cylindrical and spherical radial roller bearings to support the drum and associated drive shafts.

5 Shale Shakers

Utilize cylindrical and spherical radial roller bearings on the exciter drives.



6 Tongs

Some power tongs utilize cylindrical and spherical radial roller bearings on the drive and clamping mechanisms.

7 Rotary Table

Roller bearings for the rotary table drive.

Loyal longlife bearings have an especially strong benefit by supplying longer running life due to their enhanced fracture tiredness strength, use strength and peeling resistance attributes, specifically when the lube is

infected and likewise when the lube is tidy. specifically in hard applications as centrifugal pumps. They display long life, even when exposed to high axial loads. Accordingly, these bearings can be utilized at oilfield and gas where bad lubrication, vibrations and effect loads typically exist. The longlife bearings

Innovation. Commitment. Quality.

RBC has been producing bearings in the USA since 1919. In addition to unique custom bearings, RBC 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 compliment - maximum capacity versions.



Needle Roller Bearings

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



Cylindrical Roller Bearings

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



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.



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.



Slewing Ring Bearings

Four point ball bearings and three axis roller bearings for marine crane applications. Bearings are available in caged versions and with internal or external gears up to... 169" in diameter.



TP Series Bearings

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



Self-Lubricating Bearings

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



Lubron®

AQ self-lubricating bearings used widely in offshore marine applications. Constructed of corrosion resistant alloys and permanent solid lubricants specifically developed for...



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...

seawater

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.



Ball Bearings

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



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.



Specials

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

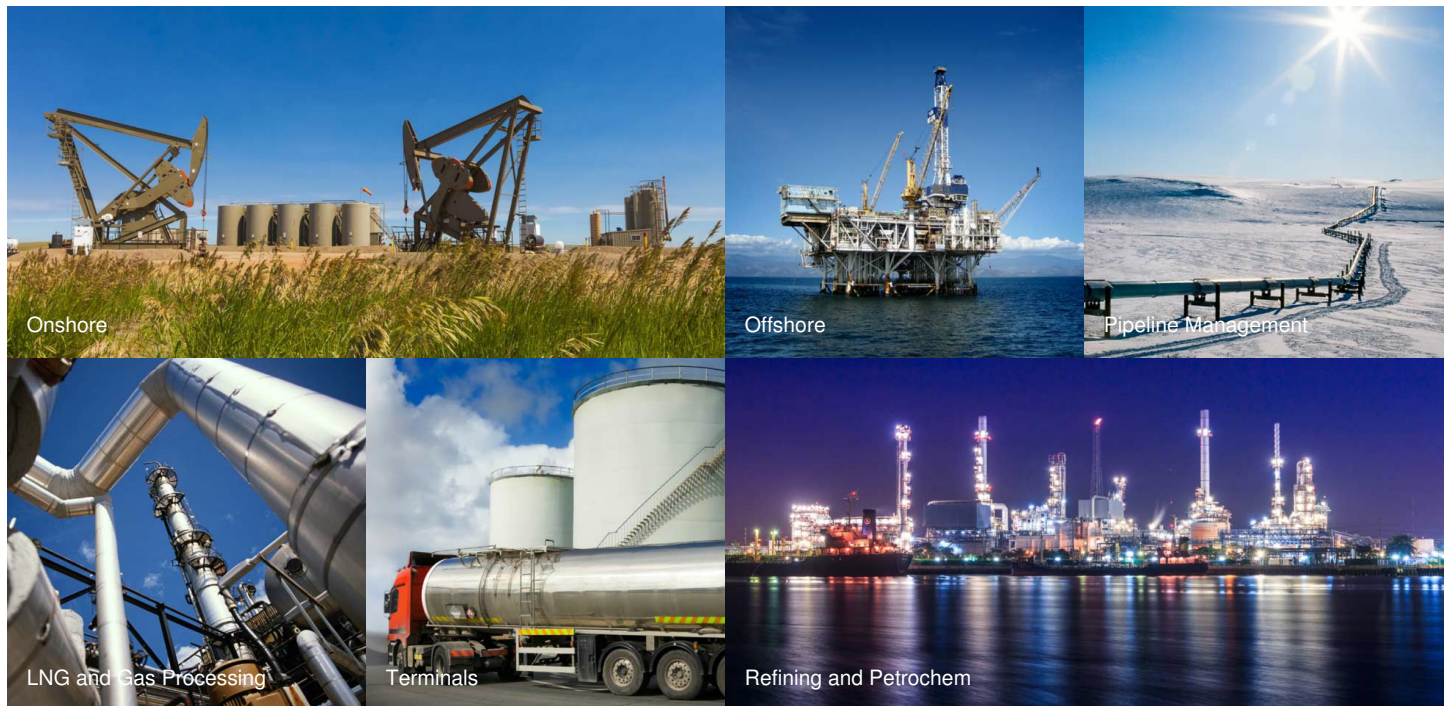
supply benefits due to their compact style, longer operating life, and longer periods in between upkeep and examinations.

Experience & Technology

The extreme demands and widely varied operating conditions present a challenge for Oilfield machine. The tailor-made Loyal rolling bearings have proven themselves even in the most critical applications

While operating in severe heating environments, it is vital to resolve the difficulties of increased danger to individuals and properties, along with increasing expenses. See how we can assist you de-man and de-risk your bearings oil and gas parts operations.

Our engineering resources, paired with our bearings services, can assist you enhance general task management, positively affecting your bottom line. Assisting you lower energy intake enhances margins, while our shipment and service standardization assists you progress from prepared to "as required" upkeep.



Submersible pumps are extensively utilized for water and wastewater applications. They have a vertical driving motor which is linked to the impeller at its extremity. The double-row angular contact ball bearing at the bottom need to hold up against axial and radial loads, while the deep groove ball bearing at the top is just based on light radial loads. For this, it is necessary to prevent damage in between the outdoors size and real estate of the leading bearing.

The rugged innovation of our bearing options is completely matched to the hard environment dealt with by your rotary table drives. Our Large size long running life bearing are compact and enclosed, making them essentially sealed from dirt, heat and other extreme conditions.