



BEARINGS FOR THE OIL FIELD INDUSTRY



Bearings for the Oil Field Industry

WJB Bearings has a long history in supplying bearings to the oil field industry. Our bearings have been used by various Oil Field equipment manufacturers including mud pumps and fracturing pumps. We are also preferred bearings by many repair facilities. All our bearings that are used in an oil field industry are manufactured at ISO 9001 and/or ISO/TS16949 certified facilities, which allows WJB to support and meet all OEM design requirements.

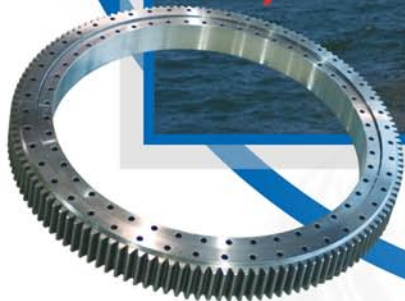
WJB's unmatched level of customer service, quality, and technical support is just a phone call away. WJB massive warehouses in California and North Carolina will also support your logistic and inventory requirements.

Bearings for Oil Rig

**Thrust Bearings
for Top Drives**



**Heavy Duty
Bearings for
Pump Jacks**



Slew Bearings for Crane

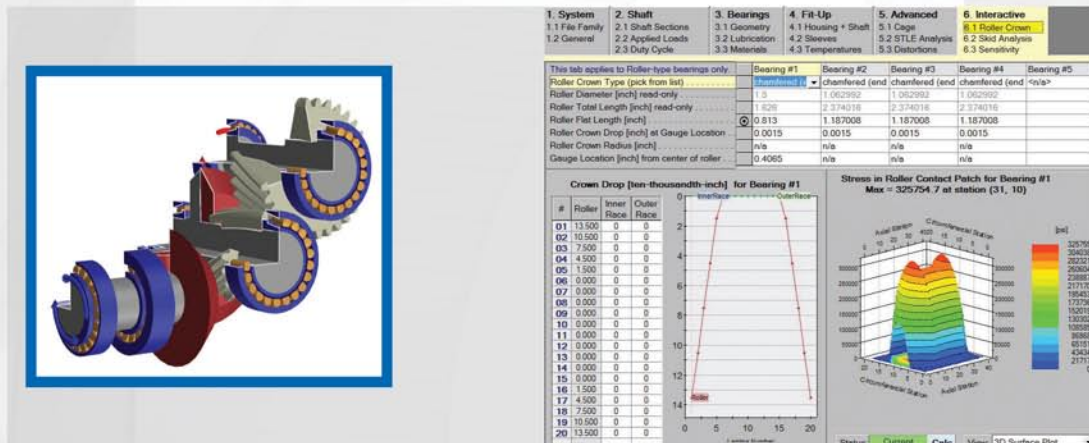


Rotary Table Bearing



Cam Followers

WJB utilizes the latest analytical tools that include solid modeling, finite element analysis, and state-of-the-art bearing design programs such as Solidworks, Romax and COBRA. These tools provide WJB with unique capabilities in selecting the right bearing for the applications.



Bearing for Mud and Fracturing Pump Applications



WJB offers a wide range of precision cylindrical roller bearings in standard and custom designs with outside diameters ranging from 3 inches (40 mm) to approximately 140 inches (3,500 mm). Our bearings are currently used in various application such as mud and fracturing pumps, petroleum machinery and metallurgical machinery. Our bearings are made of high quality through hardened steels or case carburized steels.

WJB cylindrical roller bearings are available in both machined bronze pin type retainers and full complement styles. Standard and custom sizes are available in single row, double row, and multi-row versions.

Our cylindrical roller bearings are also available with low impurity case hardened steel for the inner ring, outer ring and rollers. The case hardened material provides a tough, ductile core material enhancing the bearing's ability to withstand heavy impact loads without sacrificing performance.



WJB provides a wide range of tapered roller bearings in single row and double row configurations with bore sizes of 2 inches (50.8 mm) or larger. Our tapered roller bearings are manufactured from through-hardened bearing steel or case hardened steel that provides a tough, ductile core material to withstand heavy impact loads. WJB tapered roller bearings are manufactured to ISO standards and suitable for the most demanding applications.



WJB produces a wide range of heavy duty tapered roller thrust bearings with bore sizes ranging from 4 inches (101 mm) to 16 inches (406 mm). WJB's heavy duty tapered roller thrust bearings are designed for demanding applications in harsh environments.



These bearings are fabricated from through-hardened or case hardened steel washers and rollers with a machined bronze cage. The end of the rollers incorporate profiled ground ends with a counter-bore to reduce friction and improve lubrication at the guiding rib surfaces of the cage. These specially designed bearings are suitable for applications where high thrust and/or shock loads are present. Full complement roller versions are also available for low speed and extremely heavy loaded applications where maximum capacity is required.

WJB also produces double row spherical roller bearings with bearing bores ranging from 4 inches (101 mm) to 16 inches (406 mm) and one-piece machined bronze cage. WJB's heavy duty tapered roller thrust bearings are designed for demanding applications in harsh environments.



WJB manufactures high quality Rotary Table Bearings for use in rotary table designs up to 60 inches (1,524 mm) diameter. Our full product line of Rotary Table Bearings made from high quality bearing steel at our state-of-the-art manufacturing facilities to achieve an uncompromised level of performance.

WJB has a full line of stud cam followers that are suitable for applications where heavy shock loads, high rotational speeds, and corrosion are major problems. Our cam followers are available with black oxide coating and grease fittings for ease of re-lubrication. Special coating for enhanced corrosion protection is also available when needed.



WJB also has the capability to design and manufacture slewing ring bearings ranging from 10 inches (250 mm) to 195 inches (5,000 mm) in diameter. Our slewing ring bearings are available with internal and external gears if needed. Styles range from single row ball, double row ball, single row roller, and multiple row rollers. Our product is widely used by original equipment manufacturers (OEM) in construction machines, engineering machines, harbor machines, metallurgical machines, light industrial machines, wind generators, medical treatment CT machines, military equipment, etc.





About WJB Bearings

Full line of agricultural, radial, mounted unit ball bearings and tapered roller bearings

Valued bearing solutions for lawn & garden, agricultural, industrial transmission, material handling, fluid, electrical, HVAC, off-highway and on-highway applications

Regional sales and application engineering support

ISO 9001 & ISO/TS-16949 certified manufacturing facilities

Application specific testing capabilities include: fatigue life, noise/vibration, mud slurry and salt spray testing

Flexible manufacturing to allow for low to high volume production

Dedicated customer service team

Multiple warehouses locations



Headquarters

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