

JSB

Bearings

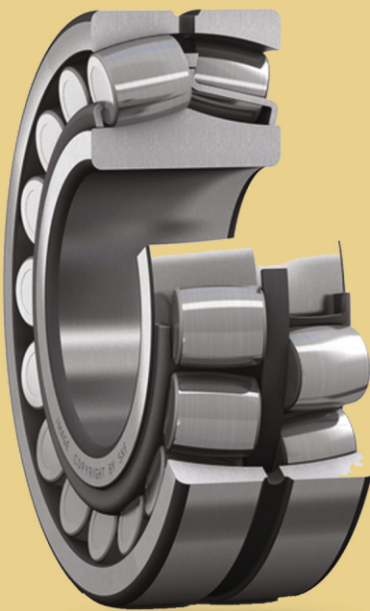
JSB

Power



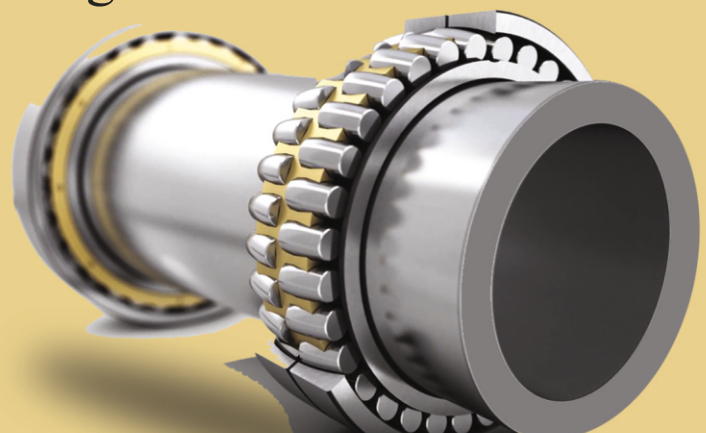
SPHERICAL ROLLER BEARINGS

The spherical roller bearing consist of an inner ring with two raceways inclined at an angle to the bearing axis, an outer ring with a common spherical raceway, spherical rollers and cage.



The spherical roller bearings have self-aligning ability and capacity in dealing with heavy radial and axial loads.

Spherical roller bearings have high load carrying capacity and ability to accomodate misalignment.





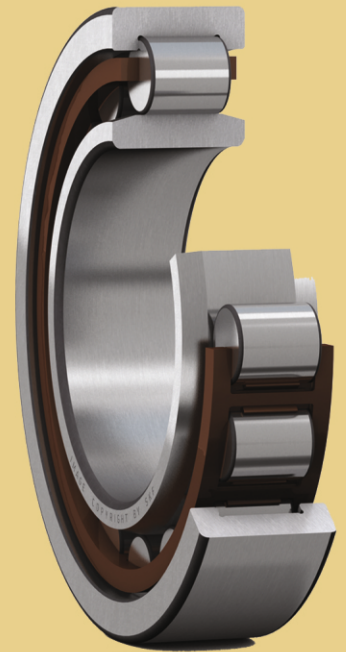
JSB Bearings are carefully designed to obtain low maintenance cost and long bearing service life.

Cylindrical Roller Bearings (CRB)



(CRB)Cylindrical Roller Bearings are Widely used to meet the Challenges of applications with heavy loads at high speeds.

JSB High Capacity Cylindrical roller Bearings are designed for High Load Carrying Capacity.



They are designed to meet the applications in Industrial Gear Boxes, Mining Equipment and Wind turbines.

Cylindrical Roller Bearings



THRUST BEARINGS

JSB
Bearings



SHAFT WASHER

HOUSING
WASHER

CAGE

Thrust Bearings are a type of Rotary Bearing Which Permanently Rotate Between Parts and they are Particularly Designed to Support Predominantly the Axial Load.



TYPES OF THRUST BEARINGS

1. THRUST BALL BEARINGS
2. THRUST CYLINDRICAL ROLLER BEARINGS
3. THRUST SPHERICAL ROLLER BEARINGS
4. THRUST TAPERED ROLLER BEARINGS

JSB Bearings has got a Wide Range of Thrust Bearings of all Types to Suit Your Applications.

TAPERED ROLLER BEARINGS

Tapered roller bearings are mainly used in rotating components where there is a combination of radial and thrust loads.

The tapered roller bearing consists of four components,

- 1).the cone (inner ring)
- 2).the cup (outer ring)
- 3).tapered rollers (rolling elements) and
- 4).the cage (roller retainer).

The inner and outer ring raceways are segments of cones and the roller are tapered.

This conical geometry created a linear contact path which permits greater loads to be carried than with spherical or ball bearings.

The wide range of **JSB** larger diameter tapered roller bearings are manufactured with quality, reliability and are of innovative design.





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