

# JSB

Bearings

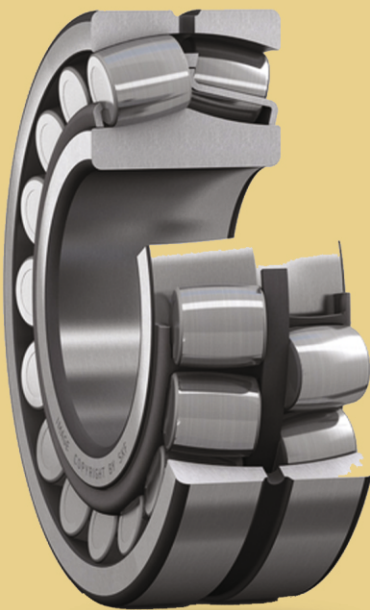
## BEARINGS FOR PAPER MAKING MACHINES





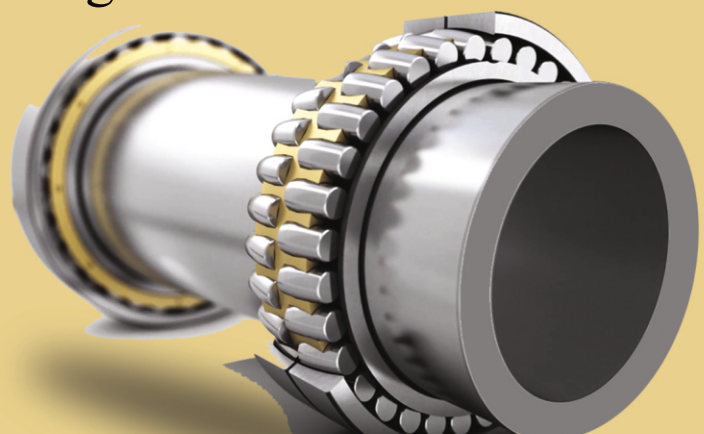
## SPHERICAL ROLLER BEARINGS

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.





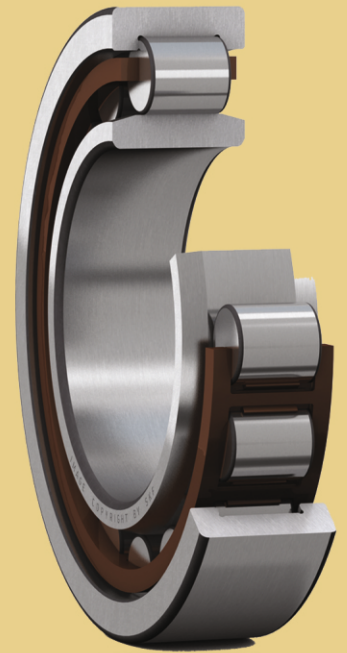
**JSB Bearings** are carefully designed to obtain low maintenance cost and long bearing service life.

## 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



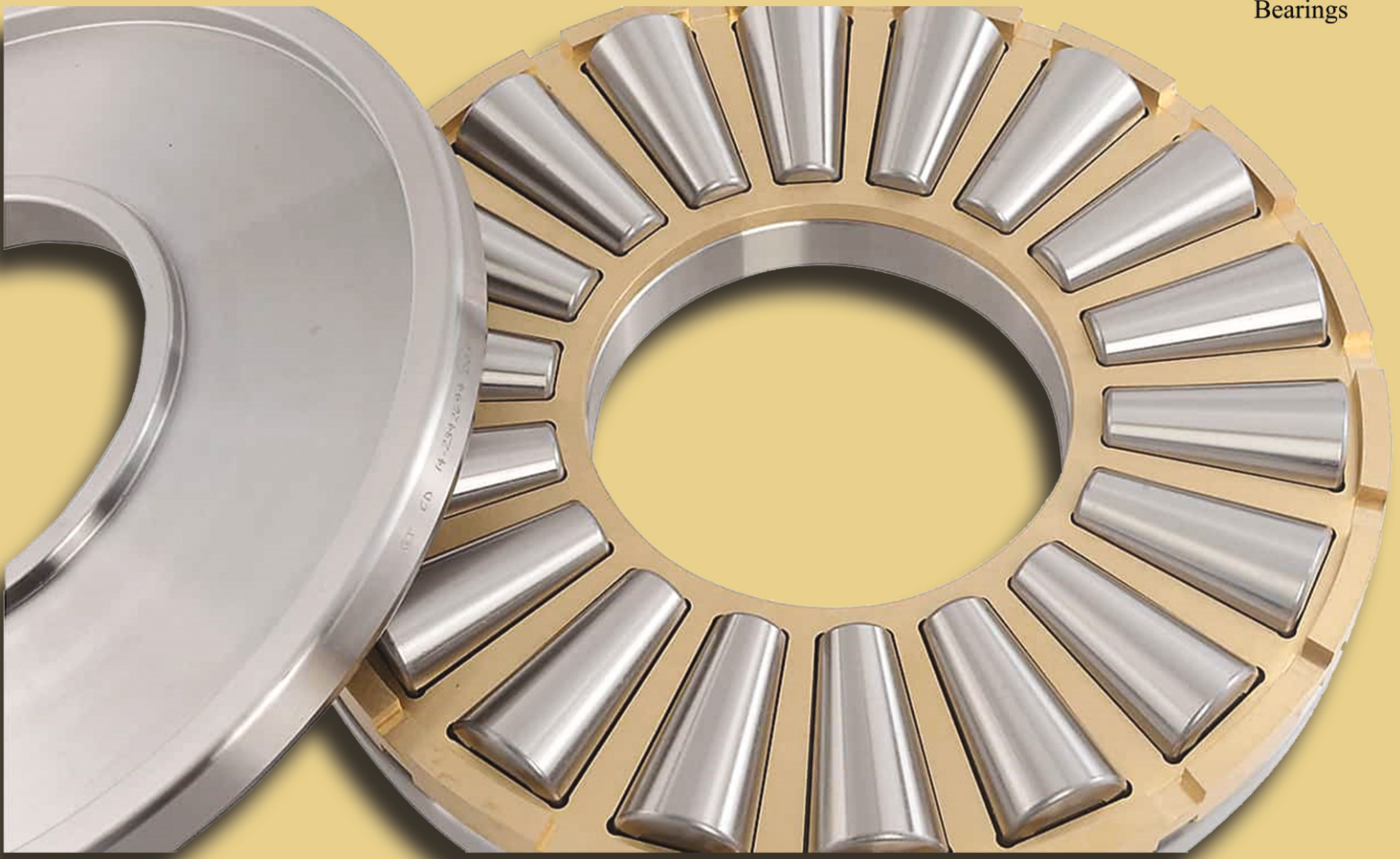
SHAFT WASHER

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.







JSB

Bearings