





SPHERICAL ROLLER **THRUST BEARINGS**

NBC spherical roller thrust bearings are accommodated with specially designed raceways and asymmetrical rollers. These bearings are designed to achieve a high thrust capacity. These bearings are ideally chosen forthe applications where equipment experiences heavy thrust loads and needs to compensate for relative housing and shaft misalignment.

Due to its robust design features and benefits, it has been one of the most demanding bearings in the case of axially loaded equipment.

- High load carrying capacity 0
- 0 Accommodates higher misalignment
- Enhanced life 0

- Lower friction
 - Separable design

FEATURES AND BENEFITS



Higher finishes on roller and races

Result in less heat generation and improved lubrication film

Maximum roller sizes

Offers higher load rating and . longer life

Optimized contact geometry

offers reduced working temperature, increased lubricant life, reduced roller skewing

Optimized cage design

Offers proper lubricant flow and cool running of the bearing

Brass cage

- O Large ending riding brass cage
- O Roller cage assembly is unitized to inner race with cage band



- O Window-type steel cage
- O Retention tabs on the inner ring to unitize the assembly











Size range	60 mm to 7 <mark>50 mm OD</mark>
Cage designs	Brass and Steel

Industries

o Power Plants

o Metallurgical Plants

o Mining & Construction

o Pulp & Paper

o Industrial Gear Box

o Industrial Fans











