

Roller Bearings for large Gearboxes - large-size TRB & CRB

Long-life, large-size taper & cylindrical roller bearings for gearboxes in large industrial machinery are designed for applications found in wind power generators and mining machinery. Its special material & customized heat treatment technology decrease early damage caused by white structure flaking. Under such conditions, the bearings' life can be enhanced 7x's in comparison to conventional bearings.

Product Features

- Special material: optimized chemical composition
- Customized heat treatment process
- Available TRB and CRB
- Black oxide coating available on request
- Interchangeable with standard products

Benefits

- High resistance to white structure flaking
- Increased fatigue life compared to standard bearings
- Increased level of residual stress leads to higher material resistance
- High fracture toughness
- High dimensional stability

Condition Description

- Compact Environment
- High Load
- Lubrication

Industries

- Power Generation
- Power Transmission
- Quarrying, Mining and Construction

