

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

NSK has developed a range of long-life, large-size taper & cylindrical roller bearings for gearboxes in large industrial machinery such as wind power generators & mining machinery. Its special material & customised heat treatment technology decrease early damage caused by white structure flaking. Under such conditions, the bearings' life can be enhanced seven times in comparison to conventional bearings.

### Product Features

- Special material: optimised chemical composition
- Customised 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
- Wind Energy

