

Highlights

FROM CONVENTIONAL RELIABILITY TO PREMIUM RELIABILITY

In the most challenging conditions:

- Critical applied loads
- Harsh environments, with moisture dust laden and debris
- Not adequate lubrication
- Hoop-stress
- Shocks and vibrations
- High temperatures
- High speeds and accelerations
- Bearing applications (selection/project and downsizing)

- Target:**
- To enhance productivity
 - To maximize uptime
 - To boost performance and operating life
 - To provide highest quality standards

Parameters:

- Toughness
- Strength
- Resistance



- Wear
- Seizure
- Heat
- Smearing and cracks fatigue
- Flaking
- Peeling

- Functions involved:**
- R&D
 - Technical Team Unit
 - Technology
 - Outsources



Effects on bearings: relatively higher RELIABILITY, DURABILITY AND REPEATABILITY