



BEARINGS FOR GEARBOX

Bearing plays huge role when it comes to supporting the shaft and gear wheels of the industrial gearboxes consequently achieving the required torque and speed. Furthermore, it carries the operational load as well as the static load which is critical for the life of the bearing of the gearboxes.

Major Challenges:

- Shock Loads
- High radial and axial loads
- Moment loads
- Misalignment due to shaft deflection

Bearing requirements

- Heavy load carrying capacity
- Capability to take combined loads
- Shaft deflection compensation
- Ability to take high hoop stresses and shock loads

Features and benefits

- **Optimised internal geometry** for enhanced load carrying capacity
- **Cage design** for lubrication flow
- **Case carburized bearings** for shock loads and high interference fits



Bearing Applications:

- Spur gear
- Bevel gear
- Hyploid bevel gears
- Planetary gears
- Worm gear

Industries:

- Metal production and processing
- Materials handling
- Wind energy
- Mining and Construction
- Heavy Duty machines
- Railway

Bearing used

