Tapered Roller Bearing for Combined Axial and Radial Loads

Tapered roller bearings accommodate combined loads consisting of axial and radial forces. The separable design of the cone and cup simplifies installation and maintenance.

Product Overview

High-Performance Tapered Roller Bearing

These tapered roller bearings are engineered to efficiently manage combined axial and radial loads in high-demand environments. Featuring a separable design, the inner cone assembly and outer cup can be installed independently to streamline maintenance and inspection processes. The geometry of the rollers and raceways ensures true rolling motion while minimizing stress concentration for extended service life in heavy machinery applications.

Technical Specifications

Design Features

- Separable components (cone and cup)
- Amended contact line to reduce stress concentration
- True rolling motion geometry
- Rib-guided roller alignment

Load Capability	Combined Axial Load, Combined Radial Load

Application Data

Common Industry Applications

Automotive Axles • Gearboxes • Heavy Machinery