

# Angular Contact Ball Bearing 7004/7005

This angular contact ball bearing is designed to accommodate combined loads, simultaneously supporting axial and radial forces. It is suitable for use in machine tool spindles, precision gearboxes, and robotics.



## ADDITIONAL IMAGES



## Product Overview

### High-Precision Angular Contact Ball Bearings

These angular contact ball bearings are engineered to handle combined radial and axial loads simultaneously, making them ideal for demanding industrial environments. Featuring precision-machined raceways and optimized internal geometry, they ensure smooth operation and extended service life. Their robust construction is specifically suited for high-speed applications such as machine tool spindles, precision gearboxes, and robotics.

## Technical Specifications

### Available Series

- 7004
- 7005

### Bearing Type

Angular Contact Ball Bearing

### Load Capability

Radial Load, Axial Load, Combined Loading

## Application Suitability

### Common Applications

Machine Tool Spindles • High-Speed Gearboxes • Precision Robotics • Precision Machinery