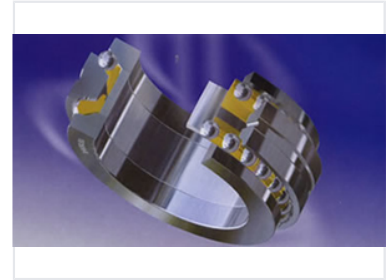


Double Row Angular Contact Thrust Ball Bearing

These double row thrust angular contact ball bearings are capable of handling heavy axial and moderate radial loads. Their design, with two rows of balls at an angle, allows them to support thrust loads in both directions.



Product Overview

Precision Engineering for High-Speed Applications

The double direction thrust angular contact ball bearing is a precision component specifically designed for the main axial requirements of machinery equipment. Capable of supporting axial loads from two directions, this bearing design features a 60-degree contact angle and a higher quantity of smaller steel balls compared to standard 511 series thrust ball bearings. This configuration significantly enhances performance for high-speed rotation and provides superior load-bearing capabilities.

Technical Specifications

Contact Angle	60 degrees
Load Direction	Axial (Two Directions)

Performance Features

Key Performance Benefits

- High-speed rotation capability
- Dual-direction axial load support
- High stiffness and accuracy
- Reduced heat generation

Typical Applications

Machine Tool Spindles • Rotary Tables • Precision Equipment