

# 4052D Angular Contact Ball Bearing

This angular contact ball bearing is designed to accommodate combined axial and radial loads. The 4052D bearing is characterized by its high precision and ability to operate at high speeds.



## Product Overview

### 4052D Angular Contact Ball Bearing

The 4052D angular contact ball bearing is engineered to accommodate combined radial and axial loads efficiently. Featuring raceways in the inner and outer rings displaced along the bearing axis, this design is optimized for applications requiring high precision and high-speed operation. Its robust construction minimizes friction and heat, making it an ideal choice for machine tool spindles, precision gearboxes, and robotic systems.

## Technical Specifications

Bore Diameter	100 mm
Precision & Clearance	C3, C4, W33

## Compliance & Quality

Quality Standards  
ISO 9001:2000

## Market Positioning

### Key Benefits

- Competitive pricing
- Excellent build quality
- High-speed operation capability
- High precision performance