

Angular Contact Ball Bearing

High-precision angular contact ball bearing designed for combined radial and axial loads. The bearing features precision-ground raceways and high-quality steel balls for smooth operation and extended service life.



ADDITIONAL IMAGES



Product Overview

Precision Angular Contact Bearings

These angular contact ball bearings are engineered to handle combined radial and axial loads with exceptional precision. By utilizing a specific contact angle between the steel balls and the raceways, these bearings ensure optimal load distribution and minimized friction. They are ideal for high-speed industrial applications, including machine tools and robotics, where smooth operation and extended service life are critical.

Technical Specifications

Available Contact Angles

Angle	Notation
15°	C
25°	A5
30°	A
40°	B

Load Handling

Radial Load, Axial Load, Combined Load

Application Suitability

Typical Applications

- Machine Tools
- Robotics
- Pumps
- Precision Machinery

Performance Metrics

Performance Highlights

1

Precision Ground Surfaces

1

High Speed Capability

1

Reduced Heat Generation