

# High Precision Angular Contact Ball Bearing

This super precision ball bearing is designed for extreme accuracy and high rotational speeds. It provides quiet and smooth running with minimal friction and heat generation.



## Product Overview

### High Precision Performance

This angular contact ball bearing is engineered for demanding industrial applications that require exceptional accuracy and rigidity. Featuring a thin-section design and a machined brass cage, it is optimized for high-speed operation with minimal friction and heat generation. These bearings are typically installed in pairs or sets to ensure reliable performance in precision equipment like machine tool spindles and rotary tables.

## Dimensions

Bore Diameter	180 mm
Outer Diameter	250 mm
Width/Depth	33 mm
Weight	4.14 kg

## Technical Specifications

Contact Angle	15 °
Cage Material	Machined brass
Precision Grade	High precision 5 grade

## Performance Metrics

### Load Ratings

<b>17000 N</b> Radial Dynamic Load	<b>145000 N</b> Radial Static Load
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### Limiting Speeds

Lubrication Type	Speed
Grease	5000
Oil	7500

## Installation

Compatible Configurations	Pair, Set, DF, DB, DT
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