

Angular Contact Ball Bearing

This precision angular contact ball bearing is designed for high-speed applications and combined radial and axial loads. It features optimized internal geometry for enhanced load capacity and reduced friction.



Product Overview

Precision Angular Contact Ball Bearing

This high-precision angular contact ball bearing is engineered for demanding industrial applications requiring the accommodation of combined radial and axial loads. Designed for high-speed performance, the bearing features optimized internal geometry to ensure reduced friction and enhanced load-carrying capacity. Constructed from durable, high-quality steel, it offers reliable service life in environments such as machine tools, industrial pumps, and precision equipment.

Dimensions

Dimensional Specifications

| Parameter | Value | Unit |
|----------------------|-------|------|
| Bore Diameter (d) | 10 | mm |
| Outside Diameter (D) | 26 | mm |
| Width (B) | 8 | mm |
| Width (2B) | 16 | mm |
| Chamfer (rs min) | 0.3 | mm |
| Chamfer (r1s min) | 0.15 | mm |

Performance Metrics

Load Ratings

4.65 kN

Dynamic Load (Cr) - Single

2.07 kN

Static Load (Cor) - Single

7.5 kN

Dynamic Load (Cr) - Duplex

4.15 kN

Static Load (Cor) - Duplex

Speed Limits

- 29000
- 39000
- 23000
- 31000

Physical Properties

| | |
|--------------|---|
| Mass | 0.023 kg |
| Bearing Type | Angular Contact, Ball Bearing, High Speed |