

50x110x44.4mm Angular Contact Ball Bearing

This angular contact ball bearing has dimensions of 50mm x 110mm x 44.4mm. It has a basic dynamic load rating of 90 KN and a basic static load rating of 84 KN.



Overview

High-Performance Angular Contact Ball Bearing

This double-row angular contact ball bearing is designed for multi-purpose industrial applications requiring robust rotational support. It features integrated shields on both sides to effectively prevent grease leakage and protect against dust ingress, ensuring a longer service life in demanding environments. Engineered for precision, this bearing is ideal for high-position requirements where reliability and maintenance-free operation are critical.

Dimensions

| | |
|------------------|---------|
| Bore Diameter | 50 mm |
| Outside Diameter | 110 mm |
| Width | 44.4 mm |

Key Features

Primary Specifications

50 mm

Inner Diameter

110 mm

Outer Diameter

44.4 mm

Total Width

Technical Design

| | |
|---------------------|--|
| Sealing Type | Shielded on both sides (2Z) |
| Protection Features | Dust Resistant, Grease Retention, Shielded |
| Bearing Type | Angular Contact Ball Bearing |

Series Reference

Related Bearing Series Dimensions

| Model Reference | d (mm) | D (mm) | B (mm) |
|-----------------|--------|--------|--------|
| 5209 A | 45 | 85 | 30.2 |
| 3309 A | 45 | 100 | 39.7 |
| 5309 E | 45 | 100 | 39.7 |

Applications

Common Applications

- Electric motors
- Gearboxes
- Industrial pumps
- High-precision machinery