

ANGULAR CONTACT BALL BEARINGS

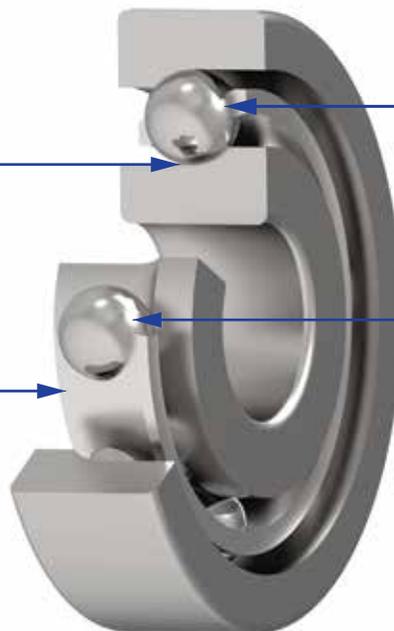
Engineered to support the combination of radial and axial loads, the Angular Contact Ball Bearing is an excellent choice for applications where high accuracy and high-speed performance are required.

These are non-separable bearings whose axial load-carrying capacity depends on the contact angle.

● FEATURES & BENEFITS

Optimized geometry allows an increased number of balls thereby enhancing the load-carrying capacity of the bearing.

Improved cage design reduces the friction subsequently decreasing the operating temperature.

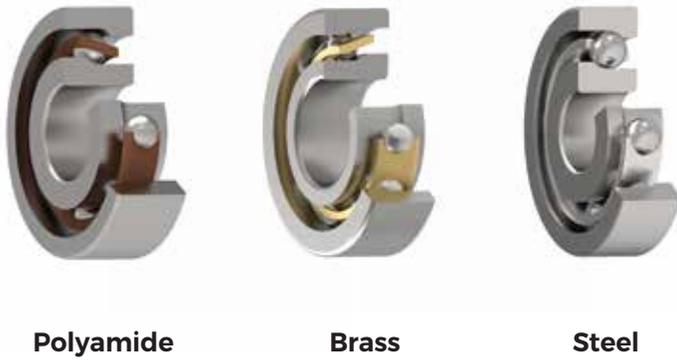


Superfinished balls and races for higher speed, reduced friction, and lower operating temperature

Modified ball and race contact at lower operating temperature



● Single row angular contact cage variants



Polyamide

Brass

Steel

● Double row angular contact bearing features

- Lesser axial space than two single row Angular Contact Ball Bearing
- Accommodates radial as well as axial loads in either direction
- The contact angle is 25°
- Design is back-to-back arrangement
- Also available in shield and seals



Type and code	Open type	Shielded type zz	Non-contact sealed type LLM	Contact sealed type LLM
Structure				

Configuration of double row Angular Contact Ball Bearings

Size range	10-200 mm OD
Cage variants	Steel, Polyamide, and Brass
Design configurations	Single row and Double Row
Contact angle	15°, 30°, and 40° for single row and 25° for double row

● Industries

- Pumps & Compressors
- Centrifugal Machines
- Textile Machinery
- Food & Beverages
- Escalators and Elevators
- Pulp and paper

