

Four Point Angular Contact Ball Bearing

This four-point angular contact ball bearing is designed to accommodate axial loads in both directions, as well as radial loads. The inner ring is typically split, allowing for a larger number of balls and increased load capacity.



Product Overview

Four-Point Angular Contact Ball Bearing

This four-point angular contact ball bearing is engineered to accommodate axial loads in both directions, as well as radial loads, making it highly versatile for demanding industrial applications. The design features a split inner ring, which allows for a larger number of balls and significantly increased load capacity compared to standard bearings. Ideal for high-precision environments like robotics and machine tools, this bearing offers excellent stiffness, reduced friction, and the capability to handle complex combined and moment loads.

Dimensions

Inner Diameter (di)	171 mm
Outer Diameter (Da)	318.6 mm
Width (b)	35 mm
Inner Ring (Di)	234 mm
Inner Ring ZT (Di ZT)	236 mm

Technical Features

Common Applications

- Machine tools
- Robotics
- Precision equipment

Design Features

Four-point contact, Split inner ring, High precision, High speed, Combined load capacity