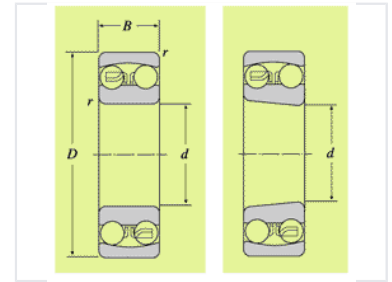


Self-Aligning Ball Bearing

This self-aligning ball bearing is available in chrome steel (AISI 52100). It is also available in stainless steel (AISI 440C).



Product Overview

Precision Self-Aligning Technology

Self-aligning ball bearings are specifically engineered to accommodate angular misalignment between the shaft and housing, preventing premature wear and ensuring smooth operation in challenging environments. Featuring two rows of balls and a common spherical raceway in the outer ring, these bearings automatically adjust to shaft deflections or mounting inaccuracies. They are ideal for industrial applications where shaft alignment is difficult to maintain, such as agricultural machinery, conveyors, and high-performance gearboxes.

Material Specifications

Available Materials

- Chrome Steel (AISI 52100)
- Stainless Steel (AISI 440C)

Application Details

Industry Applications

Agricultural Machinery, Conveyors, Industrial Gearboxes

Design Features

Design Advantages

- Accommodates angular misalignment
- Self-adjusting spherical outer raceway
- Double-row ball design for load stability