

Zirconia Ceramic Thrust Ball Bearing

This thrust ball bearing features ceramic balls for reduced weight and increased hardness. It is designed for demanding applications requiring low friction, high-speed operation, and resistance to corrosion.



Product Overview

High-Precision Zirconia Ceramic Thrust Ball Bearing

This high-precision ceramic thrust ball bearing is engineered for demanding industrial applications that require low friction and high-speed operation. Utilizing advanced ceramic ball technology, it offers reduced weight, superior hardness, and exceptional resistance to corrosion compared to traditional steel bearings. These bearings are designed to provide a long service life with minimal maintenance, making them an ideal choice for environments with limited lubrication or extreme temperature fluctuations.

Technical Specifications

Material Composition	Zirconia Ceramic
Bearing Type	Thrust Ball Bearing

Performance Features

Maintenance Profile	Low Maintenance • Limited Lubrication Compatible
Key Benefits	Low Friction, High-Speed Capability, Corrosion Resistant, Lightweight, High Hardness

Operating Conditions

- Environmental Suitability
- High-speed environments
 - Corrosive environments
 - Extreme temperatures
 - Limited lubrication scenarios