

Precision Steel Ball Bearing

This precision ball bearing is designed for smooth and efficient rotational movement. Constructed with hardened steel races and precision-ground steel balls, this bearing minimizes friction and ensures reliable performance under load.



ADDITIONAL IMAGES



Product Overview

High-Performance Precision Ball Bearing

This precision steel ball bearing is engineered for smooth and efficient rotational movement in demanding mechanical applications. Constructed with hardened steel races and precision-ground balls, it effectively minimizes friction while ensuring reliable performance under load. The sealed design provides essential protection against contaminants, making it an ideal choice for machinery, motorcycle parts, and various rotating equipment requiring long-term operational efficiency.

Technical Highlights

Performance Metrics

524 Y

Model Reference

Construction & Design

Design Features

- Inner and outer race configuration
- Retainer-held ball complement
- Sealed design for contaminant protection
- Even load distribution architecture

Materials

Hardened Steel Races, Precision-Ground Steel Balls, High-Quality Steel

Applications

Common Applications

Motorcycle Parts • Industrial Machinery • Rotating Equipment • Mechanical Assemblies

Performance

Operational Benefits

- Minimized rotational friction
- High load capacity support
- Extended operational lifespan
- Reliable performance in demanding environments

Identification

Product Marking

Y-524