

# Precision Linear Motion Ball Bearing

This precision linear ball bearing is designed for smooth and accurate linear motion. It features recirculating ball bearings for low friction and high load capacity, with a hardened steel construction ensuring durability.



## Overview

### Precision Linear Motion Ball Bearing

This precision linear ball bearing is engineered to provide smooth, accurate, and reliable linear motion for demanding industrial applications. Featuring a recirculating ball bearing design, it effectively minimizes friction while maintaining a high load capacity. Constructed from hardened steel, this component ensures long-term durability and is designed for seamless integration into automation equipment and CNC machinery.

## Technical Specifications

Motion Type	Linear
Bearing Mechanism	Recirculating ball bearings
Material	Hardened steel

## Key Features

### Performance Highlights

**1 Low**

Friction Level

**1 High**

Load Capacity

### Design Advantages

- Compact design for easy integration
- High load capacity
- Smooth linear motion
- Durable hardened steel construction

### Typical Applications

Automation Equipment, CNC Machines, Precision Motion Control