

# 6203-2RS Deep Groove Ball Bearing for Timing Belt Tensioners

This high-precision deep groove ball bearing is designed for timing belt tensioner applications. It features 6203 dimensions and 2RS seals for enhanced protection and smooth operation.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Tensioner Bearing

The 6203-2RS is a precision-engineered deep groove ball bearing specifically designed for demanding timing belt tensioner applications. Featuring high-temperature resistance and low-noise operation, this bearing ensures smooth rotational movement in automotive and industrial environments. It is constructed with durable chrome steel and reinforced with a nylon cage, providing reliability and an extended service life.

## Dimensions & Specifications

### Key Dimensions

**17 mm**

Inner Diameter

**40 mm**

Outer Diameter

**12 mm**

Width

### Internal Structure

Ball bearings

### Cage Material

Nylon

## Technical Standards

### Clearance Classes

C2 • C0 • C3 • C4 • C5

### Vibration Grades

- Z1V1
- Z2V2
- Z3V3
- Z4V4

### Precision Levels (ABEC)

ABEC1(P0), ABEC3(P6), ABEC5(P5), ABEC7(P4), ABEC9(P2)

### Supported Standards

DIN, GB, ISO, JIS, BA, ANSI

## Performance & Materials

### Available Materials

- Carbon Steel
- Chrome Steel
- Stainless Steel
- Plastic
- Ceramic

### Sealing Type

2RS (Rubber seals on both sides)

### Lubrication

Grease