

# Bimetal Sliding Bearing

These bimetal bearings feature a steel backing with a lead bronze lining, making them suitable for lubricated environments. With high load capacity and good fatigue properties, they are commonly used in automotive and industrial applications.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Bimetal Sliding Bearings

These bimetal sliding bearings are engineered with a steel backing and a lead-bronze lining, optimized for high load capacity and excellent fatigue resistance. Designed for lubricated applications, they provide a reliable solution for demanding mechanical environments. Their robust construction ensures structural integrity while delivering superior wear resistance and conformability for critical industrial and automotive components.

## Technical Specifications

### Key Performance Metrics

**1 Required**

Lubrication Requirement

**100 High**

Load Capacity

### Mechanical Properties Overview

Feature	Benefit
Steel Backing	High strength and load-carrying capacity
Bronze Lining	Wear resistance and embeddability
Bimetallic Structure	Optimized heat dissipation and integrity

### Material Composition

Steel Backing, Lead Bronze Lining

## Applications

### Common Applications

- Automotive Steering Gear
- Power Steering Systems
- Pedal Bushes
- King-pin Bushes
- Tailgate Pivots
- Mechanical Handling
- Lifting Equipment
- Hydraulic Motors
- Agricultural Machines