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