

Self-Lubricating Solid Lubricant Bearing

This self-lubricating bearing is designed for applications where maintenance is difficult or lubrication is unreliable. Solid lubricant plugs are embedded within the bearing material, providing continuous lubrication during operation.



Overview

Self-Lubricating Solid Lubricant Bearing

This self-lubricating bearing is engineered for demanding applications where traditional maintenance is difficult or lubrication is unreliable. Featuring solid lubricant plugs embedded directly into the bearing material, it provides continuous, consistent lubrication during operation. This design eliminates the need for external grease or oil, significantly reducing maintenance requirements and preventing contamination in harsh environments.

Technical Specifications

Operational Suitability

- High-load applications
- Low-speed applications
- Harsh environments
- Maintenance-free operation

Material Composition

Bronze Alloy, Brass Alloy, Graphite Lubricant, PTFE-based Lubricant

Key Advantages

Performance Benefits

0 None

External Lubrication Needed

100 %

Continuous Lubrication Coverage

Applications

Common Industries

Machinery • Construction Equipment • Automotive