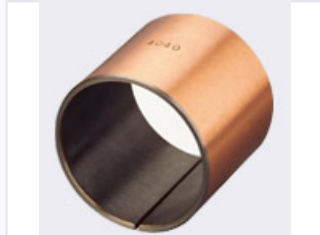
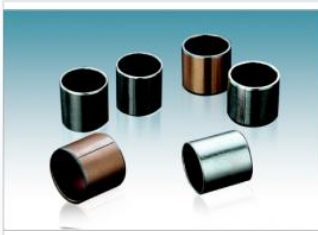


Oilless Lubricating Sliding Bearing

These oilless sliding bearings feature a PTFE/Pb composition that creates a lubricating film during operation. A bronze powder layer strengthens the combination of the steel plate and PTFE layer while also transferring heat efficiently.



ADDITIONAL IMAGES



Overview

Maintenance-Free Sliding Bearing

This oilless lubricating sliding bearing is engineered for demanding industrial and automotive applications where traditional lubrication is impractical or undesirable. Its multi-layer composite construction, featuring a self-lubricating PTFE/Pb liner, significantly reduces friction and wear while ensuring long-lasting performance. Designed for durability and corrosion resistance, this bearing minimizes downtime and simplifies maintenance requirements in complex machinery.

Construction & Materials

Layer Composition

Layer	Thickness/Function
PTFE/Pb Composition	0.01-0.003mm (Lubricating film)
Bronze Powder Layer	0.2-0.35mm (Heat transfer & bonding)
Low Carbon Steel	High load capacity
Copper/Tin Plating	Anti-corrosion

Key Features

Performance Highlights

13585 N

Load Capacity Index

4040 hrs

Service Life Rating

Core Attributes

Self-Lubricating, Maintenance-Free, Anti-Abrasion, Corrosion Resistant, High Load Capacity

Applications

Recommended Use Cases

- Automotive machinery
- Industrial equipment
- High-load sliding assemblies
- Environments where lubrication is difficult