

Self-Lubricating Sliding Bushing Bearing

This self-lubricating sliding bearing is designed for low-friction operation and extended service life. It requires minimal maintenance, operating effectively with little to no grease or oil.



ADDITIONAL IMAGES



Product Overview

High-Performance Self-Lubricating Solutions

The SF-1 sliding bushing is engineered for maintenance-free operation with either minimal or no external lubrication required. By transferring a PTFE and lead film to the mating shaft, it ensures low friction, reduced vibration, and excellent running properties. Its compact, lightweight design and elastic material properties allow for efficient load distribution, making it an ideal choice for high-precision industrial, agricultural, and automotive machinery.

Operational Performance

Key Performance Metrics

0 None

Maintenance Required

100 Low

Friction Profile

Technical Features

Design Advantages

- Self-lubricating PTFE and lead film transfer
- Low stick-slip properties for high operational accuracy
- Elastic material construction for improved load distribution
- Thin-walled, lightweight, and space-saving profile
- Compatible with low-hardness shafts for easier processing

Optional Finishing

Electroplating, Corrosion Resistant

Application Suitability

Common Industrial Applications

Automotive • Agriculture • Industrial Machinery • Linear Motion Systems