

# Bronze Sliding Bearing

This sliding bearing is made from bronze for durability and corrosion resistance. It is suitable for reducing friction between moving parts in a variety of mechanical systems.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Maintenance-Free Bearing

The SF-1 sliding bearing is engineered for efficiency, requiring minimal to no lubrication for smooth, long-term operation. Its lightweight, thin-walled construction allows for compact machine designs, while the elastic material property ensures optimal load distribution. Ideal for various industrial applications, it offers low friction, vibration, and noise, ensuring high-precision mechanical motion.

## Key Features

### Performance Highlights

**0 Required**

Maintenance

**100 %**

Friction Reduction

### Operational Advantages

- Low friction and long service life
- Low vibration and low noise operation
- Low stick-slip properties for high accuracy
- Elastic material for improved load distribution
- PTFE/Lead film for self-lubricating properties

## Technical Specifications

### Durability and Compatibility

- Corrosion protection via electroplating
- Compatible with low-hardness mating shafts
- Thin thickness profile for compact assembly
- Easily processed mating shafts

### Typical Applications

Automotive, Agriculture Machines, Industrial Machinery