

# Lead-Free Marginal Lubricating Bushing

This lead-free bushing offers good load capacity and anti-wear properties. It is designed with a bronze alloy matrix and solid lubricant plugs for wear resistance, low friction, and extended service life.



## ADDITIONAL IMAGES



## Product Overview

### Lead-Free Marginal Lubricating Bushing (SF-2Y)

The SF-2Y non-lead boundary lubrication bearing is an environmentally conscious improvement designed for applications where lead-free components are mandatory. It offers excellent load capacity and anti-wear properties, making it suitable for rotational, oscillating, or frequent stop-start motions. This bearing is widely utilized in textile machinery, automotive operating parts, and industrial equipment requiring reliable performance under marginal lubrication.

## Technical Specifications

### PV Limits

**2.8 N/mm<sup>2</sup>·m/s**  
Dry Limit

**22 N/mm<sup>2</sup>·m/s**  
Oil Limit

Load Capacity	70 N/mm <sup>2</sup>
Temperature Range	-40 to +130 °C
Speed Limit	2.5 m/s
Friction Coefficient	0.05 - 0.25

## Performance Features

Key Attributes	Lead-Free, Boundary Lubrication, High Load Capacity, Machinable, Anti-wear
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## Application Areas

### Recommended Industries

- Textile machines
- Auto chassis and operating parts
- Forging machinery
- Metallurgical equipment
- Civil engineering
- Power stations
- Strip rolling industries