Sleeve Journal Bearing

This bearing facilitates sliding contact between two surfaces to support a load. It consists of a cylindrical component crafted from bearing material, such as bronze, babbit, or plastic, ensuring smooth shaft rotation.

Product Overview

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The Sleeve Journal Bearing is a fundamental mechanical component designed to support rotating shafts through sliding contact. Constructed from specialized bearing materials, it provides a low-friction surface that ensures smooth operation. This simple, cost-effective solution is ideal for applications where heavy loads and high speeds are not the primary constraint, offering reliable performance and easy maintenance.

Technical Specifications

Common Material Options

- Bronze
- Babbit
- Plastic

Bearing Type	Plain / Sleeve / Journal
Design Features	Cylindrical, Low-friction, Sliding contact, Simple design

Performance Metrics

Key Benefits

Cost-effective • Easy to lubricate • Wear-resistant • Easy installation