

# Sleeve Bearing

This plain bearing, also referred to as a sleeve or journal bearing, facilitates movement through sliding contact, eliminating the need for rolling elements. Constructed from wear-resistant materials like bronze, Babbitt, or plastic, it provides support to a rotating shaft, ensuring seamless operation while reducing both friction and wear.



## Overview

### High-Performance Sleeve Bearing

This plain bearing, also known as a sleeve or journal bearing, is engineered for smooth operation through sliding contact without the need for rolling elements. Designed for durability and cost-effectiveness, it effectively supports rotating shafts while minimizing friction and wear. It is an ideal solution for demanding applications in engines, pumps, and various industrial machinery.

## Technical Specifications

Bearing Type	Plain / Sleeve / Journal Bearing
Operating Principle	Sliding contact (no rolling elements)
Material Composition	Bronze, Babbitt, Plastic

## Applications

### Primary Applications

- Engines
- Pumps
- Industrial Machinery

## Key Benefits

### Performance Highlights

**1 Low**

Friction Level

**1 High**

Durability