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	1 High
Friction Level	Durability