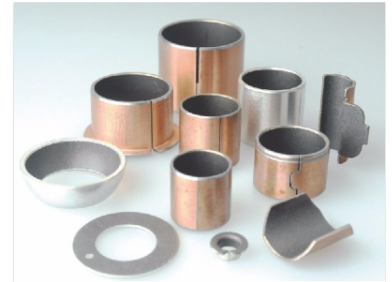


Oilless Self-Lubricating Sliding Bearings

These oilless, self-lubricating bearings are composite bearings designed for maintenance-free operation and high load capacity. They feature a steel backing, a porous bronze interlayer, and a PTFE/lead mixture lining.



Product Overview

High-Performance Eco-Friendly Bearings

The SF-1W(P4) is a high-performance, eco-friendly oilless sliding bearing featuring a steel backing, a sintered spherical bronze interlayer, and a PTFE/polymer composite lining. Designed for maintenance-free operation, this bearing demonstrates superior wear resistance, high structural bonding strength, and excellent fatigue and impact resistance. It serves as a modern, lead-free replacement for previous standard series, offering reliability verified by million-cycle impact and bench testing.

Technical Specifications

Performance Metrics

4.3 N/mm²·m/s

Specific Load/Speed Limit

Composition

- Steel plate backing
- Sintered spherical bronze powder interlayer
- Rolled PTFE and eco-friendly polymer blend surface

Compliance & Quality

Quality Highlights

Million-cycle shock tested • Excellent fatigue resistance • High bonding strength

Compliance

Lead-Free, Eco-Friendly, Impact Tested