

# Boundary Lubrication Bearing

These bearings are designed for boundary lubrication conditions and feature a copper or bronze outer shell. The inner lining contains a low-friction material with pockets to retain lubricant, making them suitable for minimal external lubrication.



## Product Overview

### Boundary Lubrication Bearing

These bearings are engineered specifically for boundary lubrication conditions where full hydrodynamic lubrication is difficult to maintain. Featuring a robust copper or bronze outer shell combined with a specialized low-friction inner lining, they provide excellent load-carrying capacity. The inner surface includes distinct pockets or indentations designed to retain lubricant, ensuring reliable performance in high-load, low-speed, or oscillating applications.

## Technical Specifications

### Design Features

- Self-lubricating properties
- Lubrication retention pockets
- Lubrication hole included
- Cylindrical geometry

<b>Lubrication Type</b>	Boundary Lubrication
<b>Material Composition</b>	Copper, Bronze, Low-friction lining

## Performance

### Ideal Applications

Oscillating motion • High-load conditions • Low-speed operations