

Pillow Block Bearing Units

Pillow block bearings provide support for a rotating shaft where the mounting surface is on a parallel line with the axis of the shaft. The bearing insert is typically a ball bearing or a spherical roller bearing, which allows for some misalignment.



Product Overview

Versatile Support for Rotating Shafts

Pillow block bearings are specialized mounted bearings designed to support rotating shafts where the mounting surface runs parallel to the shaft axis. Featuring a spherical outer ring design, these units offer essential self-aligning capabilities, making them ideal for applications involving long shafts or where installation precision is challenging. Built to withstand rough operating conditions, they provide reliable support even when shaft-to-bore centering is less than perfect.

Technical Specifications

Key Design Features

- Spherical outer ring for alignment
- Split housing design available
- Suitable for rough machine applications
- Accommodates shaft bending

Model Identifier

F210

Bearing Type

Insert bearing (Deep groove ball bearing variant)

Alignment Capability

Yes

Typical Housing Materials

Cast Iron, Cast Steel