

# Pillow Block Bearing Unit

Pillow block bearing units support rotating shafts using compatible bearings and accessories. The housing material is typically cast iron or cast steel.



## ADDITIONAL IMAGES



## Product Overview



Precision-engineered pillow block unit designed for heavy-duty industrial environments.

## Industrial Bearing Solutions

These pillow block bearing units serve as essential pedestals for supporting rotating shafts in heavy-duty mechanical equipment. Engineered with high-quality materials including chrome steel for the bearings and robust cast iron for the housing, they ensure reliable performance in agricultural, metallurgical, and industrial machinery. The units feature integrated seals for contamination protection and are pre-lubricated to minimize friction, wear, and overall maintenance requirements.

## Technical Specifications

### Seal Types

- Normal Seal
- Triple Seal
- F Seal

<b>Bearing Materials</b>	Chrome Steel, Stainless Steel, Plastic Resin, Zinc Alloy, Pressed Steel
<b>Precision Class</b>	ABEC-1 (P0)
<b>Lubrication</b>	Grease, Oil

## Performance Metrics

### Performance Quality

**1 ABEC**

Precision Grade

**4 Z-Grade**

Max Noise Level

**4 V-Grade**

Max Vibration Level

## Compliance & Standards

### Steel Alloy Composition

Element	Percentage
Carbon (C)	0.95-1.05%
Silicon (Si)	0.15-0.35%
Manganese (Mn)	0.20-0.40%
Sulfur (S)	<= 0.020%
Phosphorus (P)	<= 0.027%
Chromium (Cr)	1.30-1.65%