

# Pillow Block Bearing Unit UC204D1

This pillow block bearing unit is designed to provide shaft support where the mounting surface is parallel to the shaft axis. It features a robust housing and a high-quality bearing insert.



## Overview

### High-Performance Insert Bearing Unit

This pillow block bearing unit is engineered for reliable shaft support in diverse industrial applications. Constructed with high-hardness materials for the inner and outer rings and balls, it ensures durability under repetitive stress. The cage utilizes cold-rolled steel to handle significant compression forces, making it an ideal choice for machinery requiring consistent performance and longevity.

## Technical Specifications

### Limiting Speed

**4500 r/min**

Limiting Speed

|                     |                    |
|---------------------|--------------------|
| Shape Dimensions    | 20mm x 47mm x 31mm |
| Basic Load Capacity | 6.2KN – 9.88KN     |
| Country of Origin   | Japan              |

## Construction

|                      |  |
|----------------------|--|
| Material Composition | Cold-rolled steel (cages), High hardness steel (rings/balls) |
|----------------------|--|

## Related Parts

### Available Series

| Series A | Series B | Series C |
|----------|----------|----------|
| UC204D1  | UC305D1  | AEL201D1 |
| UC205D1  | UC306D1  | AEL202D1 |
| UC206D1  | UC307D1  | AEL203D1 |