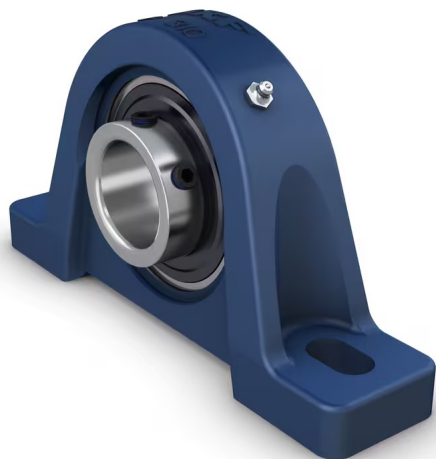


UCP 310



Pillow block ball bearing unit with extended inner ring and set screw locking, cast iron, Japanese standards

Pillow (plummer) block ball bearing units consist of an insert bearing mounted in a cast iron housing that can be bolted to a support surface. This variant is strong and stiff, and is suitable for applications with both constant and alternating directions of rotation. It has an inner ring extended on both sides and is locked onto the shaft by tightening a set screw on the inner ring, making it easy to mount.

- Strong
- Designed for a constant and alternating rotation
- Ready to mount
- Lubricated and sealed bearing
- Quick locking onto the shaft
- Cost-effective

Overview

Dimensions

Shaft diameter	50 mm
Centre height (pillow block)	75 mm
Housing overall width	65 mm
Centre distance between bolt holes	212.5 mm
Bearing width, total	61 mm

Performance

Basic dynamic load rating	61.8 kN
Basic static load rating	38 kN
Limiting speed	3 400 r/min
Note	Limiting speed with shaft tolerance h6

Properties

Housing type	Pillow block
Number of bolt holes for fasteners	2
Fastening bolt hole type	Plain
Retaining feature, inner ring	Set screws
Bore type	Cylindrical
Rubber seating ring	Without
Material, housing	Cast iron
Material, bearing	Bearing steel
Coating	Without

Sealing, bearing	Seal and flinger on both sides
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Sealing type	Contact, standard
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Sealing, unit	Without
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Lubricant	Grease
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Relubrication hole	With
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Grease fitting	With
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Technical Specification

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