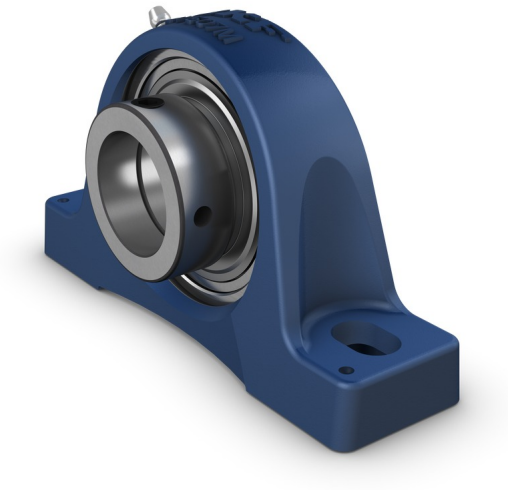


# SY 2.3/16 WFPillow block ball bearing unit with extended inner ring and eccentric locking collar, cast iron, ISO standards

## Pillow block ball bearing unit with extended inner ring and eccentric locking collar, cast iron, ISO 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 intended for use in applications where the direction of rotation is constant. It has an extended inner ring on both sides and is locked onto the shaft by an eccentric locking collar, making it easy to mount.

- Strong
- Ready to mount
- Lubricated and sealed bearing
- Designed for rotation in one direction
- Accommodate static initial misalignment

## Overview

### Dimensions

| | |
|---|---|
| Shaft diameter | 55.563 mm |
| Centre height (pillow block) | 63.5 mm |
| Housing overall width | 60 mm |
| Centre distance between bolt holes | 171.5 mm |
| Bearing width, total | 71.4 mm |

### Performance

| | |
|---|---|
| Basic dynamic load rating | 43.6 kN |
| Basic static load rating | 29 kN |
| Limiting speed | 3 600 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 | Eccentric collar |
| 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 |
| Sealing type | Contact, standard |
| Sealing, unit | Optional end cover |
| Lubricant | Grease |
| Relubrication hole | With |
| Grease fitting | With |

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