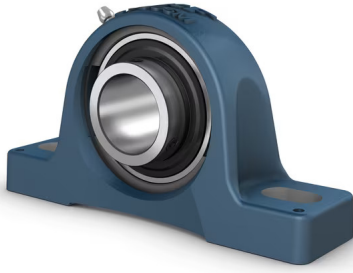


# SY 25 TF/W64Pillow block ball bearing unit with extended inner ring and set screw locking, cast iron,



## ISO standards

Pillow block ball bearing unit with extended inner ring and set screw locking, 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 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
- Ready to mount
- Lubricated and sealed bearing
- Quick locking onto the shaft
- Cost-effective

## Overview

### Dimensions

Shaft diameter	25 mm
Centre height (pillow block)	36.5 mm
Housing overall width	36 mm
Centre distance between bolt holes	102 mm
Bearing width, total	34.1 mm

## Performance

Basic dynamic load rating	14 kN
Basic static load rating	7.8 kN
Limiting speed	830 r/min
Note	Limiting speed at 20 °C (70 °F) ambient temperature
Maximum operating	85 °C

temperature

## 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
Sealing type	Contact, standard
Sealing, unit	Optional end cover
Lubricant	Solid Oil
Relubrication hole	With
Grease fitting	With

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