



Image may differ from product. See technical specification for details.

## TU 506 M

### Take-up cast iron housing for insert bearing, ISO

Take-up cast iron housings are non-split housings made of grey cast iron and are designed to provide a high degree of stiffness and accommodate heavy loads acting in different directions. These types of loads are typically encountered in conveyors, roller beds and crushers.

- Stiff housing
- Accommodate heavy radial loads in all directions
- Narrow width

Overview

Dimensions

Spherical seating diameter	62 mm
Housing overall width	37 mm

Properties

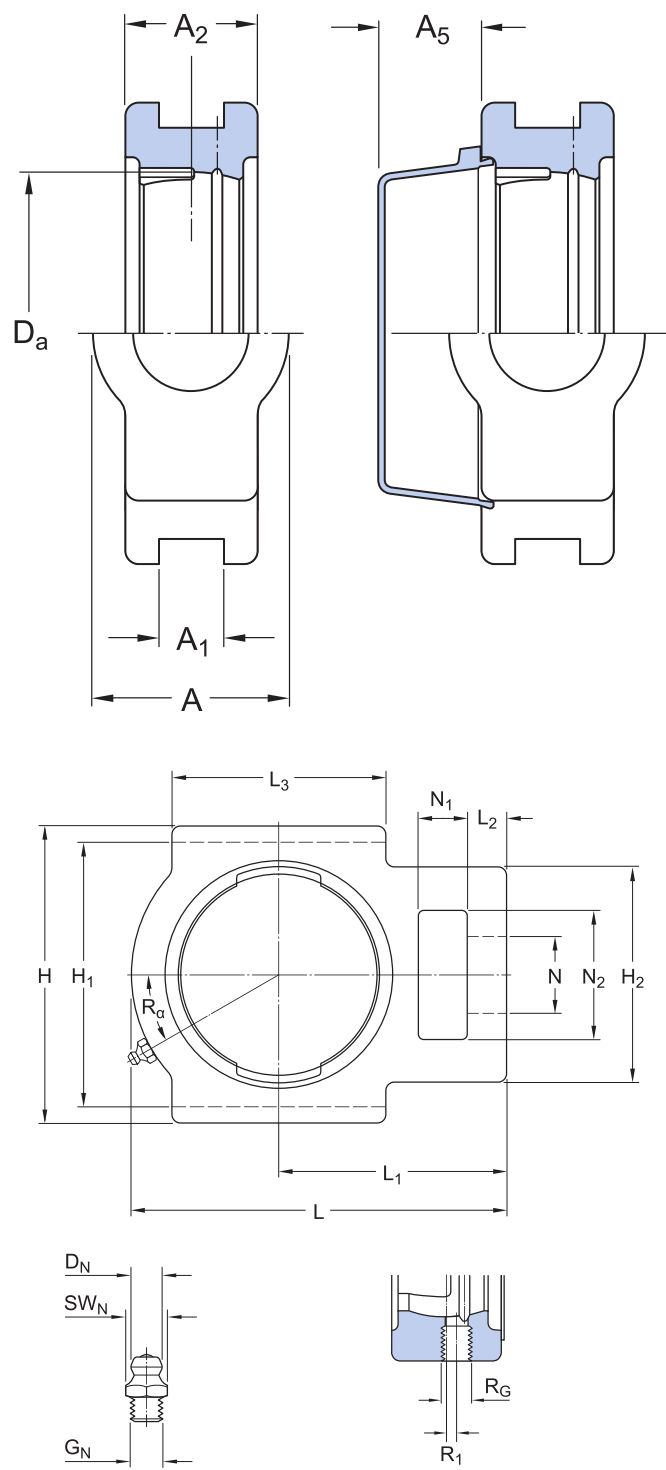
Housing type	Take-up
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

Logistics

Product net weight	0.935 kg
eClass code	23-05-08-02
UNSPSC code	31171536

Technical specification

Material	Cast iron
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Dimensions

D <sub>a</sub>	62 mm	Diameter of spherical seat
A	37 mm	Overall width
A <sub>1</sub>	13.5 mm	Width of location slot
A <sub>2</sub>	28 mm	Width of flange in which location slot is provided
A <sub>5</sub>	21 mm	Standout of end cover
H	104 mm	Overall height
H <sub>1</sub>	89 mm	Distance between bottoms of location slot
H <sub>2</sub>	56 mm	Height of attachment end
L	114 mm	Overall length
L <sub>1</sub>	70 mm	Distance from attachment end face to centre line of spherical seat diameter
L <sub>2</sub>	10 mm	Length attachment end
L <sub>3</sub>	57 mm	Length of locations slot
N	22 mm	Diameter of attachment bolt hole
N <sub>1</sub>	16 mm	Length of attachment slot
N <sub>2</sub>	37 mm	Height of attachment slot

## GREASE FITTING

D <sub>N</sub>	6.5 mm	Diameter of head sphere of grease fitting
SW <sub>N</sub>	7 mm	Hexagonal key size for the grease fitting
G <sub>N</sub>	1/4-28 SAE-LT	Thread of the grease fitting

## THREADED HOLE

R <sub>G</sub>	1/4-28 UNF	Housing thread for the grease fitting
R <sub>1</sub>	3.5 mm	Axial position of the housing thread
R <sub>a</sub>	30 °	Angular position of the housing thread

## Associated products

End cover

ECY 206

## Tolerances and clearances

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The values depend on the included bearing:

- Bore diameter tolerance → [table 1](#)
- Radial internal clearance → [table 2](#)
- Recommended fit → [table 3](#)
- Shaft tolerance → [table 4](#)

Compatible products





Recommended product

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End cover for bearing units

[ECY 206](#)

More Information

<div> <b>Product details</b></div> <div><a href="#">Take-up units to ISO standards</a></div> <div><a href="#">Take-up units to North American standards</a></div> <div><a href="#">Take-up units to Japanese Industrial Standards (JIS)</a></div> <div><a href="#">Take-up units, not standardized (SKF Food Line)</a></div> <div><a href="#">Permissible misalignment</a></div> <div><a href="#">Locating/non-locating support</a></div> <div><a href="#">Loads</a></div> <div><a href="#">Temperature limits</a></div> <div><a href="#">Permissible speed</a></div> <div><a href="#">Lubrication</a></div> <div><a href="#">Mounting and dismounting</a></div> <div><a href="#">Ordering information</a></div> <div><a href="#">Designation system</a></div>	<div> <b>Engineering information</b></div> <div><a href="#"> Principles of ball bearing units selection and application - Download catalogue (4.9 MB)</a></div> <div><a href="#">Principles of selecting mounted bearing solutions</a></div> <div><a href="#">Bearing failure and how to prevent it</a></div>	<div> <b>Tools</b></div> <div><a href="#">SKF Product select</a></div> <div><a href="#">Bearing Frequency Calculator</a></div>
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