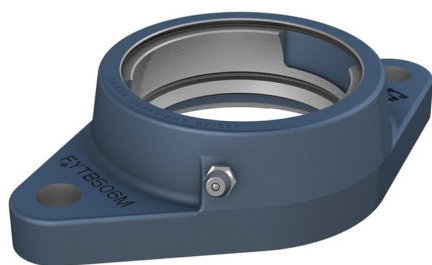


# FYTB 506 MOval flanged housing for insert bearings, cast iron



## Oval flanged housing for insert bearings, cast iron

These oval flanged housings for insert bearings are made of grey cast iron and can be bolted with two bolts to a machine wall or frame. They have been developed for bearing arrangements that must operate reliably in difficult environments.

- Resist high levels of contamination
- Accommodate relatively heavy loads

## Overview

## Dimensions

|                                    |          |
|------------------------------------|----------|
| Spherical seating diameter         | 62 mm    |
| Housing overall width              | 32.5 mm  |
| Centre distance between bolt holes | 116.5 mm |

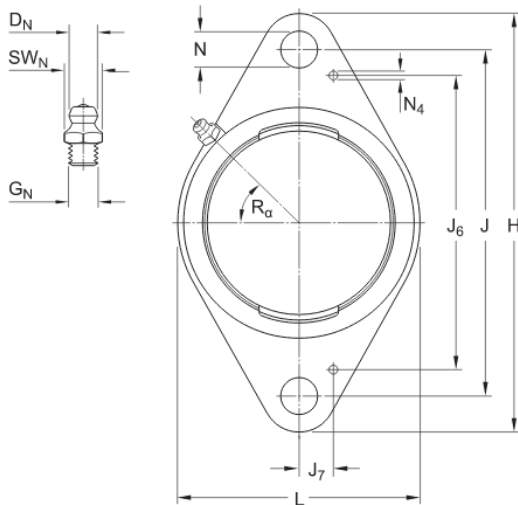
## Properties

|                                    |           |
|------------------------------------|-----------|
| Housing type                       | Flanged   |
| Flanged housing type               | Oval      |
| Number of bolt holes for fasteners | 2         |
| Fastening bolt hole type           | Plain     |
| Material, housing                  | Cast iron |
| Coating                            | Without   |
| Relubrication hole                 | With      |
| Grease fitting                     | With      |

# Technical Specification

Material

Cast iron



## Dimensions

|          |          |   |
|----------|----------|---|
| $D_a$    | 62 mm    | Diameter of spherical seat                              |
| $D_{b1}$ | 77 mm    | Top external diameter                                   |
| $D_{b2}$ | 83 mm    | Base external diameter                                  |
| $D_c$    | 76.2 mm  | Centering diameter                                      |
| A        | 32.5 mm  | Overall width   |
| $A_1$    | 13 mm    | Flange width  |
| $A_2$    | 20 mm    | Axial position of spherical seat (from support surface) |
| $A_3$    | 3.2 mm   | Depth of centring recess                                |
| $A_5$    | 22.5 mm  | Standout of end cover                                   |
| H        | 141.5 mm | Overall height  |
| J        | 116.5 mm | Distance between attachment bolts                       |
| L        | 83 mm    | Overall length  |
| N        | 11.5 mm  | Diameter of attachment bolt hole                        |

## Threaded hole

|       |            |  |
|-------|------------|--|
| $R_G$ | 1/4-28 UNF | Housing thread for grease fitting      |
| $R_1$ | 21 mm      | Axial position of the housing thread   |
| $R_a$ | 45 °       | Angular position of the housing thread |

## Grease fitting

|       |                  |   |
|-------|------------------|---|
| $D_N$ | 6.5 mm           | Diameter of head sphere of grease fitting |
| SW    | 7 mm             | Hexagonal key size for the grease fitting |
| $G_N$ | 1/4-28<br>SAE-LT | Thread of the grease fitting              |

#### Dowel pins

|       |         |                                     |
|-------|---------|-------------------------------------|
| $J_6$ | 98.5 mm | Distance of dowel pins              |
| $J_7$ | 12.5 mm | Axial offset of dowel pins          |
| $N_4$ | 2 mm    | Recommended diameter for dowel pins |

## Mass

|              |         |
|--------------|---------|
| Mass housing | 0.56 kg |
|--------------|---------|

## Mounting information

|   |   |          |
|---|---|----------|
| Recommended diameter for attachment bolts, mm   | G | 10 mm    |
| Recommended diameter for attachment bolts, inch | G | 0.375 in |

## Associated products

|           |         |
|-----------|---------|
| End cover | ECY 206 |
|-----------|---------|

# Terms and conditions

By accessing and using this website / app owned and published by AB SKF (publ.) (556007-3495 · Gothenburg) ("SKF"), you agree to the following terms and conditions:

## Warranty Disclaimer and Limitation of Liability

Although every care has been taken to assure the accuracy of the information on this website / app, SKF provides this information "AS IS" and DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. You acknowledge that your use of this website / app is at your sole risk, that you assume full responsibility for all costs associated with use of this website / app, and that SKF shall not be liable for any direct, incidental, consequential, or indirect damages of any kind arising out of your access to, or use of the information or software made available on this website / app. Any warranties and representations in this website / app for SKF products or services that you purchase or use will be subject to the agreed upon terms and conditions in the contract for such product or service. Further, for non-SKF websites / apps that are referenced in our website / app or where a hyperlink appears, SKF makes no warranties concerning the accuracy or reliability of the information in these websites / apps and assumes no responsibility for material created or published by third parties contained therein. In addition, SKF does not warrant that this website / app or these other linked websites / apps are free from viruses or other harmful elements.

## Third Party Services

When viewing YouTube content via the SKF website(s) (i.e. using YouTube API Services), you agree to be bound by the YouTube Terms of Service.

## Copyright

Copyright in this website / app copyright of the information and software made available on this website / app rest with SKF or its licensors. All rights are reserved. All licensed material will reference the licensor that has granted SKF the right to use the material. The information and software made available on this website / app may not be reproduced, duplicated, copied, transferred, distributed, stored, modified, downloaded or otherwise exploited for any commercial use without the prior written approval of SKF. However, it may be reproduced, stored and downloaded for use by individuals without prior written approval of SKF. Under no circumstances may this information or software be supplied to third parties.

This website /app includes certain images used under license from Shutterstock, Inc.

## Trademarks and Patents

All trademarks, brand names, and corporate logos displayed on the website / app are the property of SKF or its licensors, and may not be used in any way without prior written approval by SKF. All licensed trademarks published on this website / app reference the licensor that has granted SKF the right to use the trademark. Access to this website / app does not grant to the user any license under any patents owned by or licensed to SKF.

## Changes

SKF reserves the right to make changes or additions to this website / app at any time.