

# PFD 52 Triangular flanged pressed steel housing for insert bearings



## Triangular flanged pressed steel housing for insert bearings

Triangular flanged pressed steel housings for insert bearings are lightweight and made from cold-rolled steel, and are zinc-coated for corrosion protection. The housings are cost-effective and designed for simple applications with light loads. The two-part housing, which has no provision for relubrication, can be ordered separately from the insert bearing, making a large number of combinations possible.

- Lightweight
- Cost-effective
- Flexible bearing and housing combinations
- Simple to mount
- Protection against corrosion

## Overview

### Dimensions

|  |         |
|--|---------|
| Spherical seating diameter   | 52 mm   |
| Housing overall width  | 18 mm   |
| Pitch diameter of bolt holes of round and triangle flange type housing | 76.2 mm |

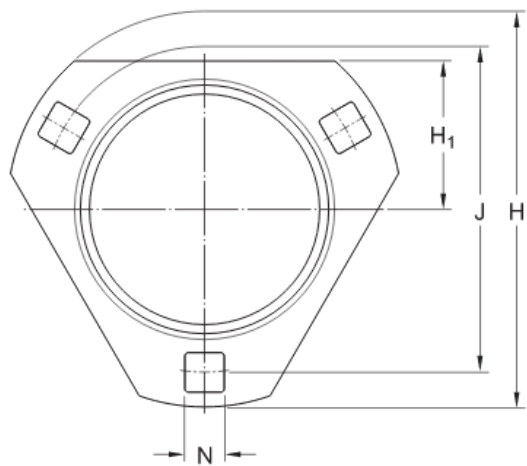
## Properties

|                                    |               |
|------------------------------------|---------------|
| Housing type                       | Flanged       |
| Flanged housing type               | Triangular    |
| Number of bolt holes for fasteners | 3             |
| Fastening bolt hole type           | Plain         |
| Material, housing                  | Pressed steel |
| Coating                            | Zinc-coated   |
| Relubrication hole                 | Without       |
| Grease fitting                     | Without       |

# Technical Specification

Material

Pressed steel



## Dimensions

|       |            |  |
|-------|------------|--|
| $D_a$ | 52 mm      | Diameter of spherical seat                         |
| $A_2$ | 9 mm       | Width housing half                                 |
| $A_4$ | 2 mm       | Material thickness                                 |
| H     | 95 mm      | Overall length                                     |
| $H_1$ | 34 mm      | Distance from straight edge to bearing seat centre |
| $H_2$ | min. 56 mm | Abutment diameter                                  |
| J     | 76.2 mm    | Pitch diameter of attachment bolts                 |
| N     | 8.7 mm     | Length of attachment bolt hole                     |

## Calculation data

Permissible radial load

max. 3.6 kN

## Mass

Mass housing

0.12 kg

## Mounting information

|   |   |           |
|---|---|-----------|
| Recommended diameter for attachment bolts, mm   | G | 8 mm      |
| Recommended diameter for attachment bolts, inch | G | 0.3125 in |

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