

# SYF 510 Short base pillow block housing for insert bearings, cast iron

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Short base pillow (plummer) block housings are designed to accommodate an insert bearing. They are strong, stiff and cost-effective, and are suitable for most applications. The housings has threads for attachment bolts so that it can be bolted directly to a support surface.

- Accommodate heavy loads in different directions
- Strong
- High degree of stiffness
- Narrow design

## Overview

## Dimensions

Spherical seating diameter	3.543 in
Centre height (pillow block)	2.252 in
Housing overall width	2.126 in
Centre distance between bolt holes	4 in

## Properties

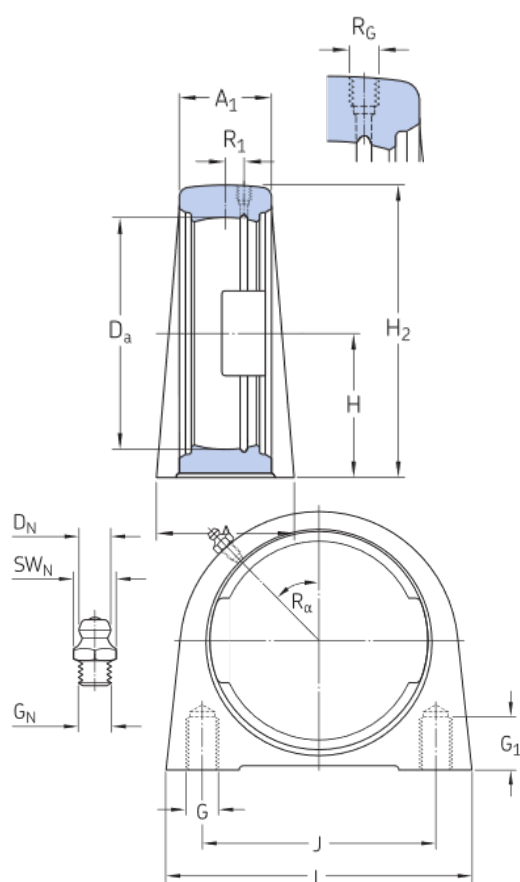
Housing type	Pillow block
Number of bolt holes for fasteners	2
Fastening bolt hole type	Threaded
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

# Technical Specification

Material

Cast iron

## Dimensions



$D_a$	3.543 in	Diameter of spherical seat
$A$	2.126 in	Base width
$A_1$	1.339 in	Top width
$H$	2.252 in	Height of spherical seat centre
$H_2$	4.488 in	Overall height
$J$	4 in	Distance between attachment bolts
$L$	5.315 in	Overall length

## Threaded hole

$R_c$	1/4-28 UNF	Housing thread for grease fitting
$R_j$	0.157 in	Axial position of the housing thread
$R_c$	45 °	Angular position of the housing thread

## Grease fitting

$D$	0.256 in	Diameter of head sphere of grease fitting
$S^1$	0.276 in	Hexagonal key size for the grease fitting
$G$	1/4-28 SAE-LT	Thread of the grease fitting

## Mass

Mass housing

3.638 lb

## Mounting information

Housing thread for attachment bolts	G	M16
Thread length	G <sub>1</sub>	1.004 in

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