

# SYJ 511Pillow block housing for insert bearings, cast iron, Japanese standards

## Pillow block housing for insert bearings, cast iron, Japanese standards

Pillow (plummer) block housings are designed to accommodate an insert bearing. The cast iron housings are strong, stiff and cost-effective. They are suitable for most applications and can be bolted directly to a support surface. This variant is compliant with Japanese standards.

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

## Overview

## Dimensions

Spherical seating diameter	3.937 in
Centre height (pillow block)	2.5 in
Housing overall width	2.362 in
Centre distance between bolt holes	6.752 in

## Properties

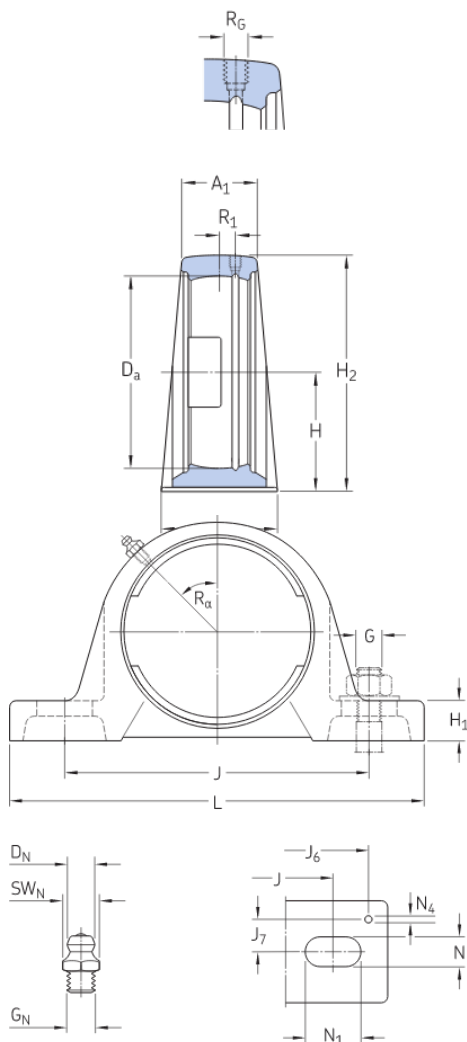
Housing type	Pillow block
Number of bolt holes for fasteners	2
Fastening bolt hole type	Plain
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

# Technical Specification

Material

Cast iron

## Dimensions



$D_a$	3.937 in	Diameter of spherical seat
$A$	2.362 in	Base width
$A_1$	1.575 in	Top width
$H$	2.5 in	Height of spherical seat centre
$H_1$	0.945 in	Foot height
$H_2$	4.961 in	Overall height
$J$	6.752 in	Distance between attachment bolts
$J$	max. 7.087 in	Distance between attachment bolts
$J$	min. 6.417 in	Distance between attachment bolts
$L$	8.622 in	Overall length
$N$	0.787 in	Width of attachment bolt hole
$N_1$	1.122 in	Length of attachment bolt hole

## Threaded hole

$R_c$	1/4-28 UNF	Housing thread for the grease fitting
$R_1$	0.197 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
$S'$	0.276 in	Hexagonal key size for the grease fitting
$G$	1/4-28 SAE-LT	Thread of the grease fitting

## Dowel pins

$J_6$	7.913 in	Distance between dowel pins
$J_7$	0.827 in	Axial offset of dowel pins
$N_1$	0.157 in	Recommended diameter for dowel pins

## Mass

Mass housing	5.401 lb
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## Mounting information

Recommended diameter for attachment bolts, mm	G	16.002 mm
Recommended diameter for attachment bolts, inch	G	0.625 in

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