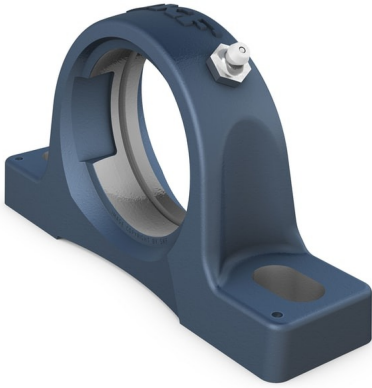


# SY 511 MPillow block housing for insert bearings, cast iron, ISO standards



## Pillow block housing for insert bearings, cast iron, ISO 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.

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

## Overview

### Dimensions

Spherical seating diameter	100 mm
Centre height (pillow block)	63.5 mm
Housing overall width	60 mm
Centre distance between bolt holes	171.5 mm

## 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

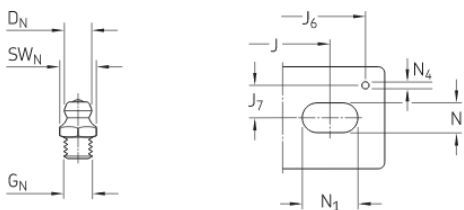
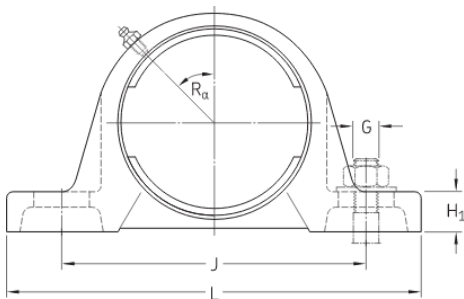
Material

Cast iron



## Dimensions

$D_a$	100 mm	Diameter of spherical seat
A	60 mm	Base width
$A_1$	40 mm	Top width
$A_5$	37.5 mm	Standout of end cover
H	63.5 mm	Height of spherical seat centre
$H_1$	24 mm	Foot height
$H_2$	126 mm	Overall height
J	171.5 mm	Distance between attachment bolts
J	max. 181 mm	Distance between attachment bolts
J	min. 162 mm	Distance between attachment bolts
L	219 mm	Overall length
N	18 mm	Width of attachment bolt hole
$N_1$	27.5 mm	Length of attachment bolt hole



### Threaded hole

$R_G$	1/4-28 UNF	Housing thread for the grease fitting
$R_1$	4.5 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	Thread of the grease fitting

SAE-LT

#### Dowel pins

$J_6$	201 mm	Distance between dowel pins
$J_7$	21 mm	Axial offset of dowel pins
$N_4$	4 mm	Recommended diameter for dowel pins

## Mass

Mass housing	2.35 kg
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## Mounting information

Recommended diameter for attachment bolts, mm	G	16 mm
Recommended diameter for attachment bolts, inch	G	0.625 in

## Associated products

End cover	ECY 211
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