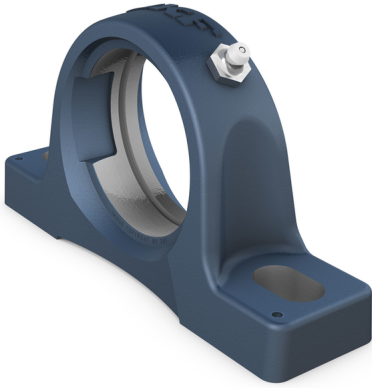


SYJ 505



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

Centre distance between bolt holes	102.5 mm
Centre height (pillow block)	36.5 mm
Housing overall width	38 mm
Spherical seating diameter	52 mm

Properties

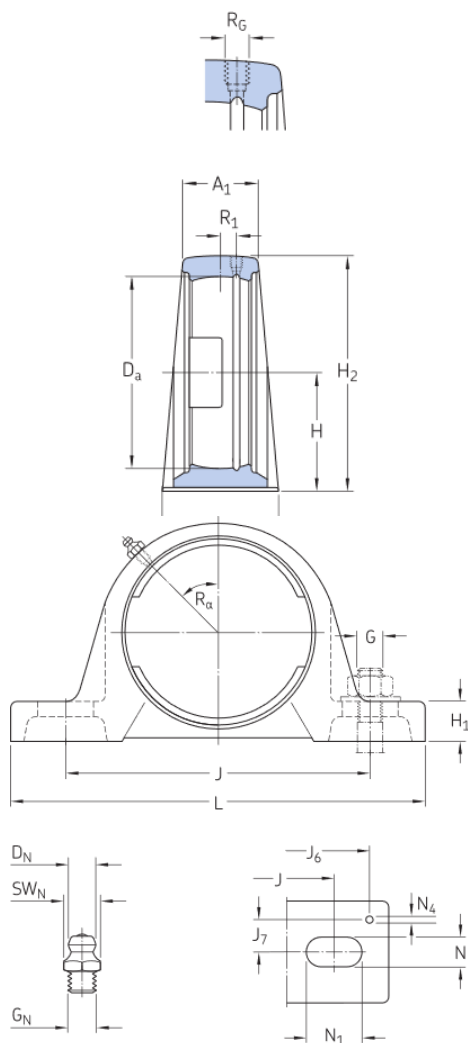
Coating	Without
Fastening bolt hole type	Plain
Housing type	Pillow block
Material, housing	Cast iron
Number of bolt holes for fasteners	2
Relubrication hole	With
Relubrication nipple	With

Technical Specification

Material

Cast iron

Dimensions



D_a	52 mm	Diameter of spherical seat
A	38 mm	Base width
A_1	24 mm	Top width
H	36.5 mm	Height of spherical seat centre
H_1	16 mm	Foot height
H_2	70 mm	Overall height
J	102.5 mm	Distance between attachment bolts
J	max. 111 mm	Distance between attachment bolts
J	min. 94 mm	Distance between attachment bolts
L	140 mm	Overall length
N	13 mm	Width of attachment bolt hole
N_1	21.5 mm	Length of attachment bolt hole

Threaded hole

R_G	1/4-28 UNF	Housing thread for the grease fitting
R_1	2 mm	Axial position of the housing thread
R_0	45 °	Angular position of the housing thread

Grease fitting

D_f	6.5 mm	Diameter of head sphere of grease fitting
S_f	7 mm	Hexagonal key size for the grease fitting
G_f	1/4-28 SAE-LT	Thread of the grease fitting

Dowel pins

J_6	130 mm	Distance between dowel pins
J_7	14 mm	Axial offset of dowel pins
N_4	4 mm	Recommended diameter for dowel pins

Mass

Mass housing	0.57 kg
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Mounting information

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

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