

SNL 526 VSplit plummer (pillow) block housing, SNL 2, 3, 5 and 6 series

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SNL plummer (pillow) block housings are the most popular SKF bearing housings on the market, developed to be the first choice for design, quality and economy. They enable the incorporated bearings to achieve maximum service life with less need for maintenance. Different housing variants and seal designs are available, making the use of tailored housings virtually unnecessary and enabling cost-effective bearing arrangements to be made.

- Easy to install
- Cost-effective bearing arrangement
- Reduce maintenance
- Minimize lubricant leakage

Overview

Dimensions

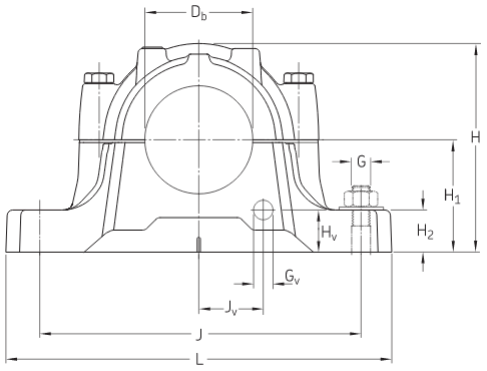
Diameter of bearing seat	230 mm
Width of bearing seat	90 mm
Centre height (pillow block)	150 mm
Centre distance between bolt holes	380 mm
Attachment bolt diameter	24 mm

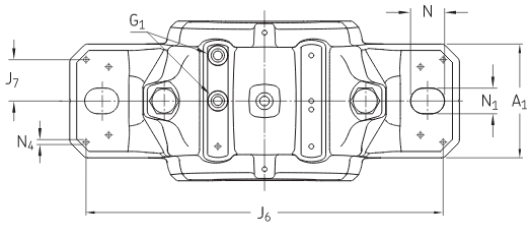
Properties

Housing type	Plummer/pillow block
Housing configuration	Two-piece
Mounting arrangement	Through shaft/Shaft end
Number of bolt holes for fasteners	2
Material, housing	Cast iron
Bearing housing seal type	Without
Housing lubrication feature/possibility	Grease

Technical Specification

NOT FOUND





Dimensions

Bearing seat

D_a	230 mm	Diameter of bearing seat
	G7	Tolerance class of bearing seat diameter
C_a	90 mm	Width of bearing seat
H_1	150 mm	Centre height of bearing seat

Outside dimensions

D_b	167.5 mm	Bore diameter
A	190 mm	Overall width
A_1	130 mm	Foot width
G_1	1/8-27 NPSF	Thread of relubrication holes
H	290 mm	Overall height
H_2	50 mm	Foot height
L	445 mm	Overall length
J	380 mm	Distance between attachment bolts
N	35 mm	Length of attachment bolt hole
N_1	28 mm	Width of attachment bolt hole

Seal grooves

A_3	156 mm	Inside width between seal grooves
A_4	6 mm	Width of seal groove
A_5	11 mm	Distance to seal groove back face
A_6	15 mm	Width at bore diameter
D_c	177.5 mm	Diameter of seal groove

Grease escape hole

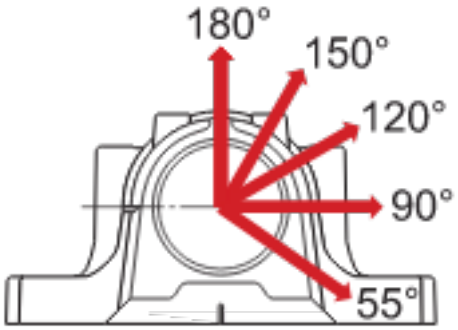
J_V	79 mm	Position of grease escape hole

H_V	52 mm	Distance housing bottom to oil inlet, housing base
G_V	G 3/4	Thread of grease escape hole

Dowel pins

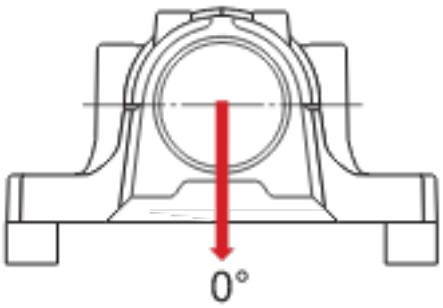
J_6	414 mm	Distance between dowel pins
J_7	46 mm	Axial offset of dowel pins
N_4	max. 12 mm	Diameter of dowel pins

Calculation data



Breaking loads

$P_{0°}$	900 kN	Breaking load at 0° load angle
$P_{55°}$	900 kN	Breaking load at 55° load angle
$P_{90°}$	540 kN	Breaking load at 90° load angle
$P_{120°}$	410 kN	Breaking load at 120° load angle
$P_{150°}$	360 kN	Breaking load at 150° load angle
$P_{180°}$	450 kN	Breaking load at 180° load angle
P_a	295 kN	Breaking load, axial



Yield points of cap bolts

Q_{12}	900 kN	Load to reach yield point at 120° load angle
Q_{15}	520 kN	Load to reach yield point at 150° load angle
Q_{18}	450 kN	Load to reach yield point at 180° load angle

Materials

Housing material	Cast iron

Corrosion protection	Paint - in accordance with ISO 12944-2, corrosivity category C2

Mass

Mass housing	35.5 kg

Mounting information

Recommended diameter of attachment bolts	G	24 mm
Recommended tightening torque for attachment bolts		665 N·m
Size of cap bolts		M24x130
Tightening torque for cap bolts		350 N·m
Size of eye bolt		M10
Initial grease fill, 20%		700 g
Initial grease fill, 40%		1 100 g

Included products

Grease fitting	AH 1/8-27 PTF

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