



Image may differ from product. See technical specification for details.

SSNLD 530

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

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	270 mm
Width of bearing seat	106 mm
Centre height (pillow block)	160 mm

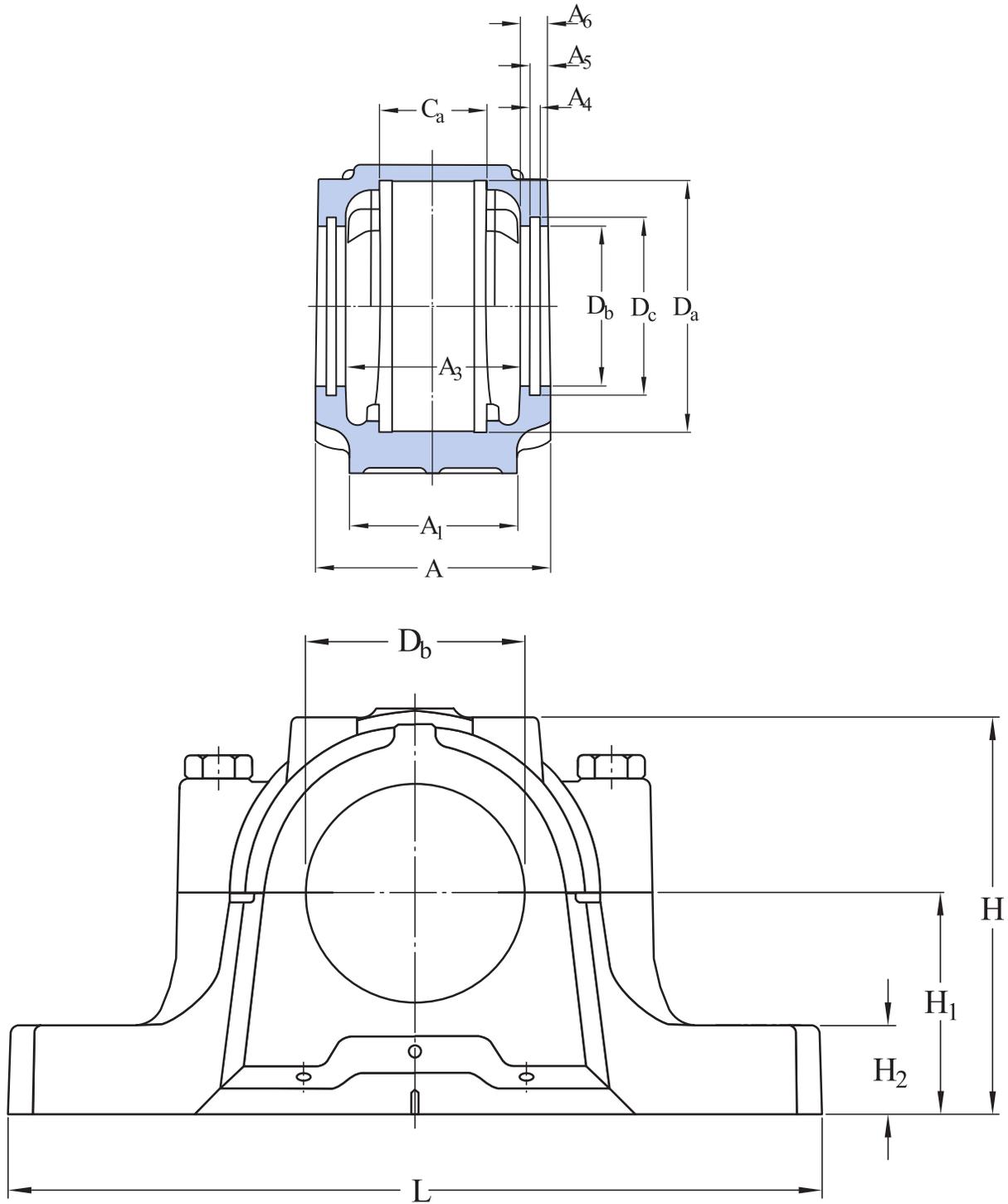
Properties

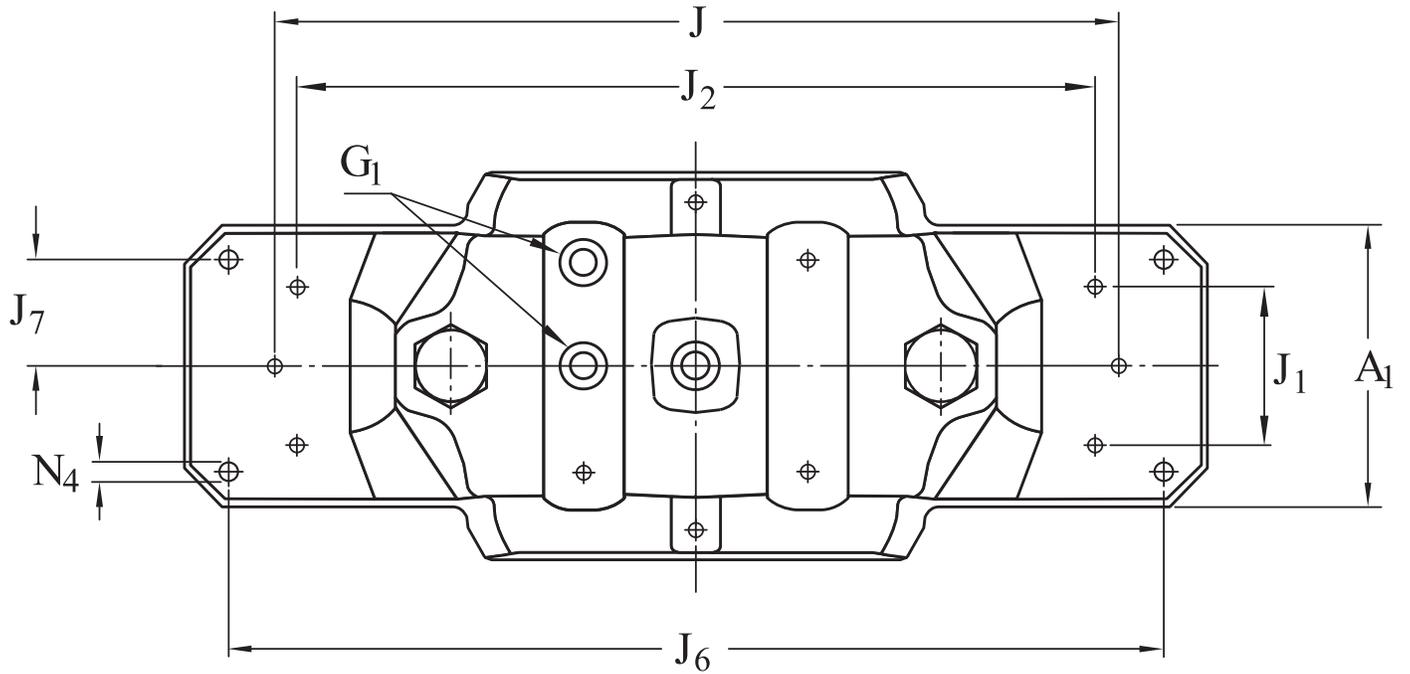
Housing type	Plummer/pillow block
Housing configuration	Two-piece
Mounting arrangement	Through shaft/Shaft end
Number of bolt holes for fasteners	0
Material, housing	Spheroidal graphite cast iron
Bearing housing seal type	Without
Housing lubrication feature/possibility	Grease

Logistics

Product net weight	51.9 kg
eClass code	23-05-17-01
UNSPSC code	31171519

Technical specification





Dimensions

BEARING SEAT

D_a	270 mm	Diameter of bearing seat
	G7	Tolerance class of bearing seat diameter
C_a	106 mm	Width of bearing seat
H_1	160 mm	Centre height of bearing seat

OUTSIDE DIMENSIONS

D_b	192.5 mm	Bore diameter
A	220 mm	Overall width
A_1	160 mm	Foot width
G_1	1/8-27 NPSF	Thread of relubrication holes
H	323 mm	Overall height
H_2	60 mm	Foot height
L	530 mm	Overall length
J	450 mm	Distance between attachment bolts

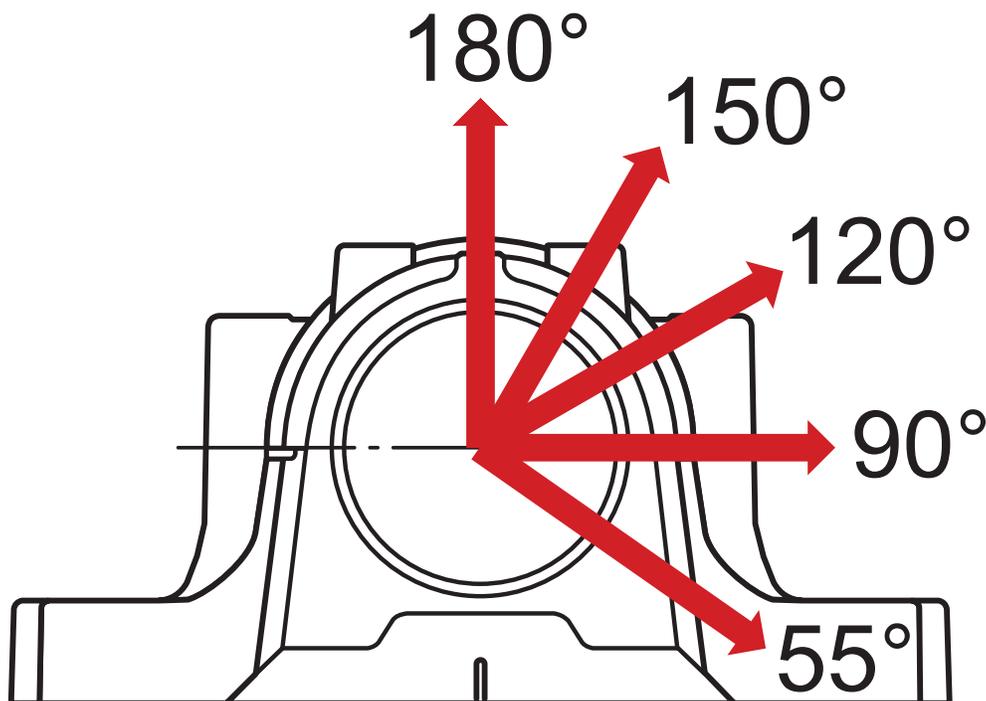
J ₁	100 mm	Axial distance between attachment bolts
J ₂	430 mm	Distance between attachment bolts

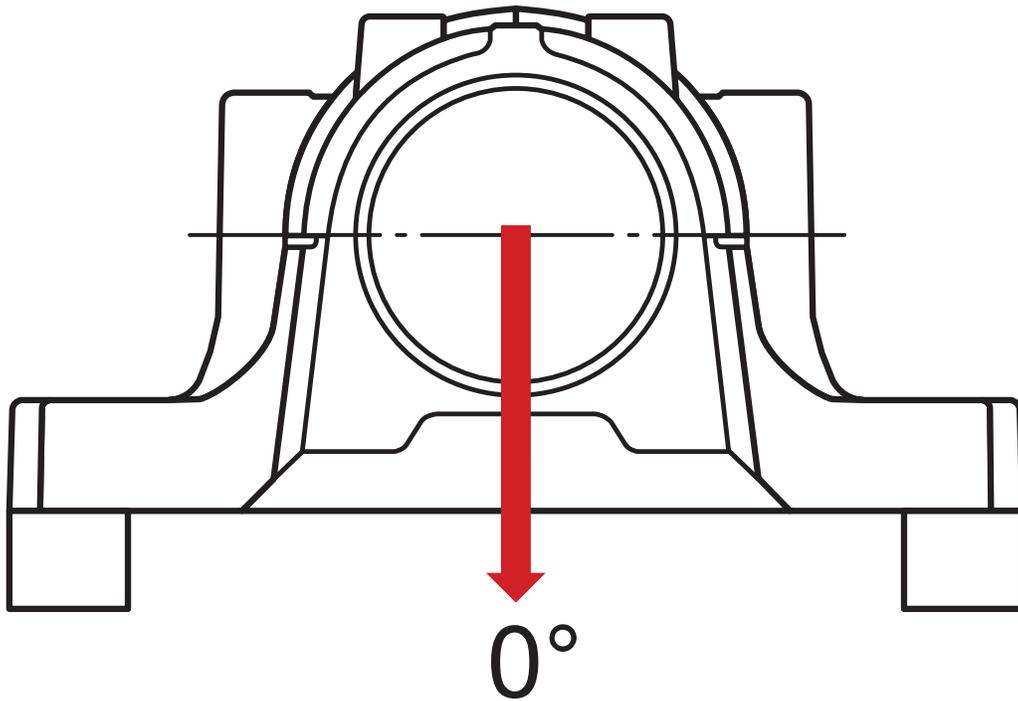
SEAL GROOVES

A ₃	189 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	202.5 mm	Diameter of seal groove

DOWEL PINS

J ₆	486 mm	Distance between dowel pins
J ₇	58 mm	Axial offset of dowel pins
N ₄	max. 12 mm	Diameter of dowel pins





Calculation data

BREAKING LOADS

P_{0°	1 980 kN	Breaking load at 0° load angle (if the housing is not supported over its entire base)
P_{55°	2 160 kN	Breaking load at 55° load angle
P_{90°	1 314 kN	Breaking load at 90° load angle
P_{120°	972 kN	Breaking load at 120° load angle
P_{150°	864 kN	Breaking load at 150° load angle
P_{180°	1 080 kN	Breaking load at 180° load angle
P_a	702 kN	Breaking load, axial

YIELD POINTS OF CAP BOLTS

Q_{120°	1 260 kN	Load to reach yield point at 120° load angle
Q_{150°	728 kN	Load to reach yield point at 150° load angle
Q_{180°	630 kN	Load to reach yield point at 180° load angle

Materials

Housing material	Spheroidal graphite cast iron
Corrosion protection	Paint - in accordance with ISO 12944-2, corrosivity category C2

Mounting information

Size of cap bolts	M24x130
Tightening torque for cap bolts	350 N·m
Size of eye bolt	M12
Initial grease fill, 20%	1 100 g
Initial grease fill, 40%	1 700 g

Included products

Grease fitting	AH 1/8-27 PTF
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More Information

 Designs and variants	 Product details	 Tools
<p>Standard housing design</p> <hr/> <p>Housing variants</p> <hr/> <p>Sealing solutions</p> <hr/>	<p>Permissible misalignment</p> <hr/> <p>Typical shaft-bearing combinations</p> <hr/> <p>Locating/non-locating support</p> <hr/> <p>Loads</p> <hr/> <p>Temperature limits</p> <hr/> <p>Permissible speed</p> <hr/> <p>Lubrication</p> <hr/> <p>Mounting</p> <hr/> <p>Condition monitoring</p> <hr/> <p>Associated products</p> <hr/> <p>Ordering information</p> <hr/> <p>Designation system</p> <hr/>	<p>SKF Product select</p> <hr/> <p>SimPro Quick</p> <hr/> <p>Tool and Accessory Selector for sleeves and shafts</p> <hr/> <p>LubeSelect for SKF greases</p> <hr/> <p>Drive-up Method Program</p> <hr/> <p>Heater selection tool</p> <hr/> <p>Oil Injection Method Program</p> <hr/>



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