

SAF 632

Split plummer (pillow) block housing without bearing



SAF split plummer (pillow) block housings have a two-piece, cast metal construction with inch dimensions. These housings have been developed to be the best choice for design, quality, robustness, and cost efficiency. SAF housings, when used with SKF bearings, seals and related components, provide a tailored solution to achieve maximum service life and reduce maintenance requirements for rotating equipment.

- Robust design
- Customizable configurations
- Suitable for tough operating conditions
- Cost-effective bearing solution

Overview

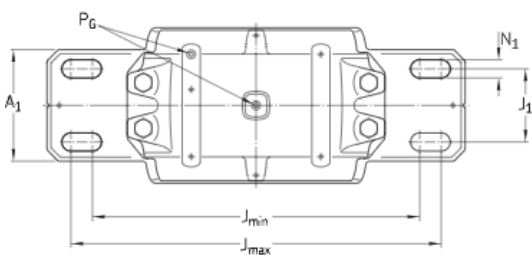
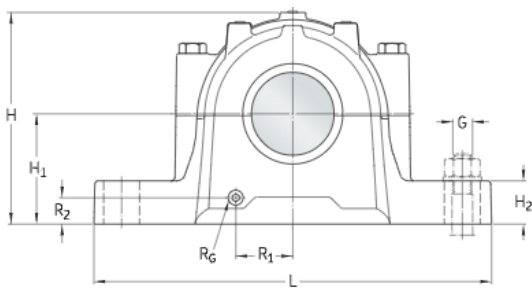
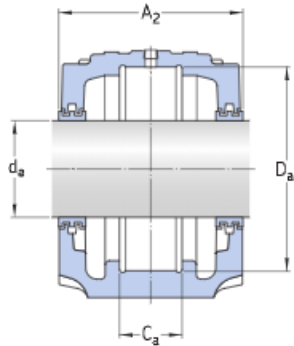
Dimensions

Attachment bolt diameter	1.25 in
Centre distance between bolt holes (axial direction)	4.5 in
Centre height (pillow block)	7.875 in
Seating diameter	13.386 in

Properties

Bearing housing seal type	Labyrinth seal
Housing configuration	Two-piece
Housing lubrication feature/possibility	Grease/Oil
Housing type	Pillow block
Material, housing	Cast iron
Mounting arrangement	Through shaft/Shaft end
Number of bolt holes for fasteners	4

Technical Specification



Dimensions

Shaft

d _a	5.438 in	Shaft diameter
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Bearing seat

D _e	13.386 in	Diameter of bearing seat
G7		Tolerance class of bearing seat diameter
C _a	4.874 in	Width of bearing seat
H ₁	7.875 in	Centre height

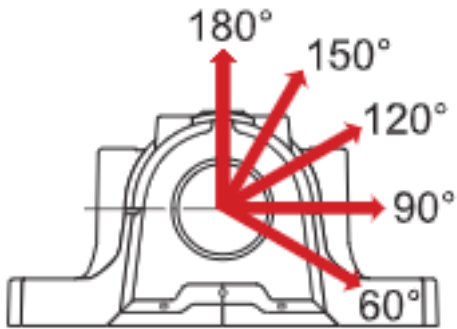
Outside dimensions

A ₁	7.5 in	Foot width
A ₂	10.75 in	Overall width
H	15.813 in	Overall height
H ₂	3.125 in	Foot height
J	min. 21.625 in	Distance between attachment bolts
J	max. 24.375 in	Distance between attachment bolts
J ₁	4.5 in	Distance between attachment bolts, axial
L	28 in	Overall length
N ₁	1.375 in	Width of attachment bolt hole

Threaded holes

R ₁	4.75 in	Distance of drain plug from centre
R ₂	1.656 in	Height of drain plug position
R _G	1-11.5 NPT	Thread of drain hole
P _G	1/4-18 NPT	Thread of grease fitting in cap

Recommended safe loads



P_{6l}	65 100 lbf	Safe load at 60° load angle
P_{9l}	39 000 lbf	Safe load at 90° load angle
P_{12l}	24 000 lbf	Safe load at 120° load angle
P_{15l}	21 200 lbf	Safe load at 150° load angle
P_{18l}	25 500 lbf	Safe load at 180° load angle
P_a	16 575 lbf	Safe load, axial

Materials

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

Mass

Mass housing	266 lb
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Mounting information

Cap bolt	7/8-9 UNC x 6-1/2
Number of cap bolts	4
SAE grade of cap bolt	5
Recommended tightening torque for cap bolts	2 400 lbf-in
Recommended diameter for attachment bolts	G 1.25 in
Eye bolt	1/2-13 UNC
Number of eyebolts	2
Width of included locating ring	0.383 in

Included products

Seal	2 x LOR 130
Locating ring	SR-38-32

Associated products

End cover

EPR 16

PosiTrac Plus contact element

B 10724-130

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