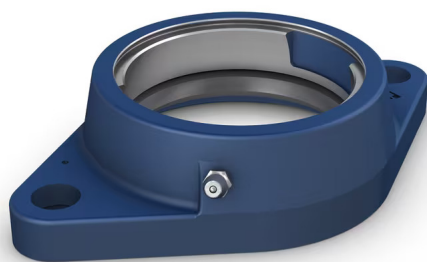


FYTJ 506Oval flanged housing for insert bearings, cast iron, JIS



Oval flanged housing for insert bearings, cast iron, JIS

These oval flanged housings for insert bearings are compliant with Japanese Industrial Standards (JIS). They are made of grey cast iron and can be bolted with two bolts to a machine wall or frame. They have been developed for bearing arrangements that must operate reliably in difficult environments.

- Accommodate relatively heavy loads

Overview

Dimensions

Spherical seating diameter	2.441 in
Housing overall width	1.201 in
Centre distance between bolt holes	4.606 in

Properties

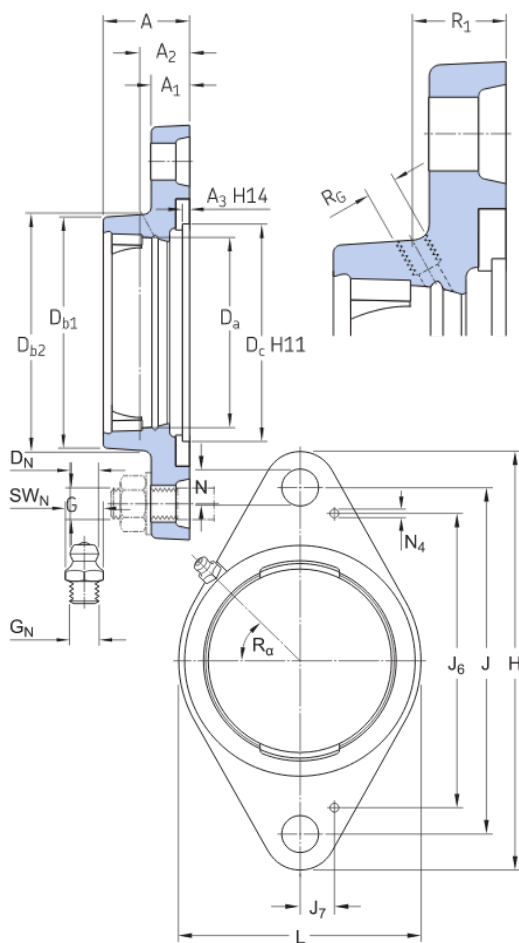
Housing type	Flanged
Flanged housing type	Oval
Number of bolt holes for fasteners	2
Fastening bolt hole type	Plain
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

Technical Specification

Material

Cast iron

Dimensions



D_a	2.441 in	Diameter of spherical seat
D_{b1}	3.031 in	Top external diameter
D_{b2}	3.15 in	Base external diameter
D_c	3 in	Centering diameter
A	1.201 in	Overall width
A_1	0.531 in	Flange width
A_2	0.709 in	Axial position of spherical seat (from support surface)
A_3	0.126 in	Depth of centring recess
H	5.827 in	Overall height
J	4.606 in	Distance between attachment bolts
L	3.15 in	Overall length
N	0.63 in	Diameter of attachment bolt hole

Threaded hole

R_1	1/4-28 UNF	Housing thread for grease fitting
R_2	0.748 in	Axial position of the housing thread
R_3	45 °	Angular position of the housing thread

Grease fitting

D ₁	0.256 in	Diameter of head sphere of grease fitting
S ₁	0.276 in	Hexagonal key size for the grease fitting
G	1/4-28 SAE-LT	Thread of the grease fitting

Dowel pins

J ₆	3.898 in	Distance of dowel pins
J ₇	0.492 in	Axial offset of dowel pins
N ₁	0.079 in	Recommended diameter for dowel pins

Mass

Mass housing	1.257 lb
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Mounting information

Recommended diameter for attachment bolts, mm	G	13.995 mm
Recommended diameter for attachment bolts, inch	G	0.563 in

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