

FYTB 504 MOval flanged housing for insert bearings, cast iron



Oval flanged housing for insert bearings, cast iron

These oval flanged housings for insert bearings 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.

- Resist high levels of contamination
- Accommodate relatively heavy loads

Overview

Dimensions

Spherical seating diameter	1.85 in
Housing overall width	1.161 in
Centre distance between bolt holes	3.543 in

Properties

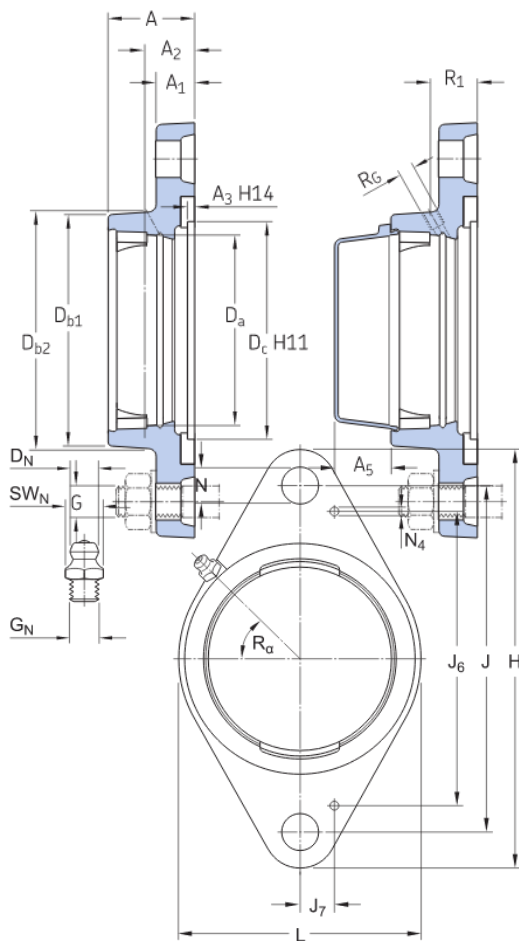
Housing type	Flanged
Flanged housing type	Oval
Number of bolt holes for fasteners	2
Fastening bolt hole type	Plain
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

Technical Specification

Material

Cast iron

Dimensions



D_a	1.85 in	Diameter of spherical seat
D_{b1}	2.283 in	Top external diameter
D_{b2}	2.382 in	Base external diameter
D_c	2 in	Centering diameter
A	1.161 in	Overall width
A_1	0.433 in	Flange width
A_2	0.748 in	Axial position of spherical seat (from support surface)
A_3	0.126 in	Depth of centring recess
A_5	0.807 in	Standout of end cover
H	4.409 in	Overall height
J	3.543 in	Distance between attachment bolts
L	2.382 in	Overall length
N	0.453 in	Diameter of attachment bolt hole

Threaded hole

R_1	1/4-28 UNF	Housing thread for grease fitting
R_1	0.787 in	Axial position of the housing thread
R_1	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	2.913 in	Distance of dowel pins
J ₇	0.453 in	Axial offset of dowel pins
N ₁	0.079 in	Recommended diameter for dowel pins

Mass

Mass housing	0.639 lb
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Mounting information

Recommended diameter for attachment bolts, mm	G	10.008 mm
Recommended diameter for attachment bolts, inch	G	0.375 in

Associated products

End cover	ECY 204
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