

FYTB 510 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	90 mm
Housing overall width	43 mm
Centre distance between bolt holes	157 mm

Properties

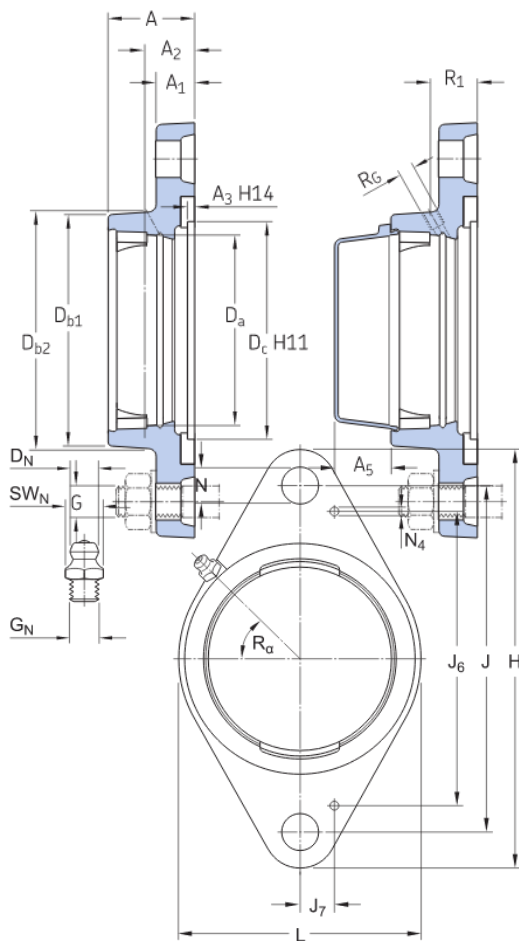
Housing type	Flanged
Flanged housing type	Oval
Number of bolt holes for fasteners	2
Fastening bolt hole type	Plain
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

Technical Specification

Material

Cast iron

Dimensions



D_a	90 mm	Diameter of spherical seat
D_{b1}	107 mm	Top external diameter
D_{b2}	116 mm	Base external diameter
D_c	101.6 mm	Centering diameter
A	43 mm	Overall width
A_1	15 mm	Flange width
A_2	28 mm	Axial position of spherical seat (from support surface)
A_3	3.2 mm	Depth of centring recess
A_5	33 mm	Standout of end cover
H	189 mm	Overall height
J	157 mm	Distance between attachment bolts
L	116 mm	Overall length
N	18 mm	Diameter of attachment bolt hole

Threaded hole

R_1	1/4-28 UNF	Housing thread for grease fitting
R_2	28.5 mm	Axial position of the housing thread
R_3	45 °	Angular position of the housing thread

Grease fitting

D ₁	6.5 mm	Diameter of head sphere of grease fitting
S ₁	7 mm	Hexagonal key size for the grease fitting
G	1/4-28 SAE-LT	Thread of the grease fitting

Dowel pins

J ₆	127 mm	Distance of dowel pins
J ₇	20 mm	Axial offset of dowel pins
N ₁	2 mm	Recommended diameter for dowel pins

Mass

Mass housing	1.3 kg
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Mounting information

Recommended diameter for attachment bolts, mm	G	16 mm
Recommended diameter for attachment bolts, inch	G	0.625 in

Associated products

End cover	ECY 210
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