

FYC 512 Round flanged housing for insert bearing, cast iron



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These round flanged housings for insert bearings are made of grey cast iron and can be bolted with four 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	4.331 in
Housing overall width	1.89 in
Pitch diameter of bolt holes of round and triangle flange type housing	6.299 in

Properties

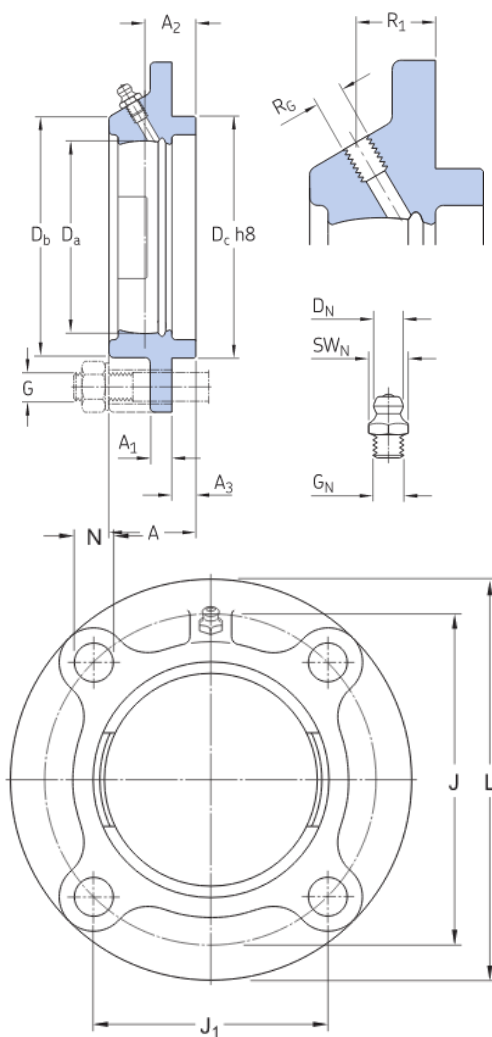
Housing type	Flanged
Flanged housing type	Round
Number of bolt holes for fasteners	4
Fastening bolt hole type	Plain
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

Technical Specification

Material

Cast iron

Dimensions



D_a	4.331 in	Diameter of spherical seat
D_b	5.398 in	External diameter
D_c	5.315 in	Centring diameter
A	1.89 in	Overall width
A_1	0.591 in	Flange width
A_2	1.142 in	Axial position of spherical seat (from support surface)
A_3	0.472 in	Height of spherical seat centre
J	6.299 in	Pitch diameter of attachment bolts
J_1	4.453 in	Distance between attachment bolts
L	7.677 in	Overall width
N	0.748 in	Length of attachment bolt hole

Threaded hole

R_c	1/4-28 UNF	Housing thread for grease fitting
R_1	0.965 in	Axial position of the housing thread

Grease fitting

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

Mass

Mass housing	7.606 lb
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Mounting information

Recommended diameter for attachment bolts, mm	G	16.002 mm
Recommended diameter for attachment bolts, inch	G	0.625 in

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