

# FYC 513 Round flanged housing for insert bearing, cast iron



## Round flanged housing for insert bearing, cast iron

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	120 mm
Housing overall width	50 mm
Pitch diameter of bolt holes of round and triangle flange type housing	170 mm

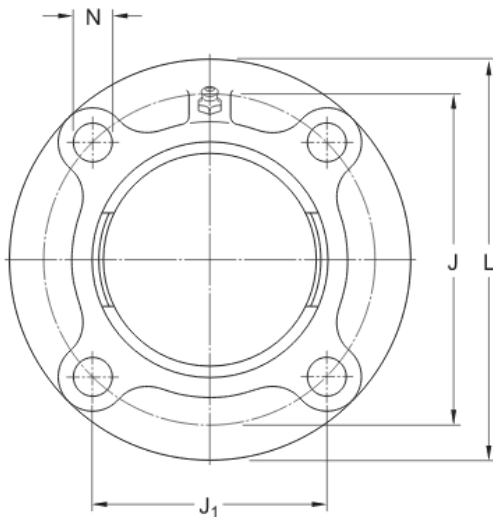
## Properties

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

$D_a$	120 mm	Diameter of spherical seat
$D_b$	152.1 mm	External diameter
$D_c$	145 mm	Centring diameter
A	50 mm	Overall width
$A_1$	15 mm	Flange width
$A_2$	30 mm	Axial position of spherical seat (from support surface)
$A_3$	14 mm	Height of spherical seat centre
J	170 mm	Pitch diameter of attachment bolts
$J_1$	120.2 mm	Distance between attachment bolts
L	205 mm	Overall width
N	19 mm	Length of attachment bolt hole

### Threaded hole

$R_G$	1/4-28 UNF	Housing thread for grease fitting
$R_1$	24.5 mm	Axial position of the housing thread

### Grease fitting

$D_N$	6.5 mm	Diameter of head sphere of grease fitting
SW	7 mm	Hexagonal key size for the grease fitting

G<sub>N</sub> 1/4-28  
SAE-LT

Thread of the grease fitting

## Mass

Mass housing	3.85 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

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