

## FYC 507

## Round flanged housing for insert bearing, cast iron



NOT FOUND

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	72 mm
Housing overall width	33.5 mm
Pitch diameter of bolt holes of round and triangle flange type housing	110 mm

## Properties

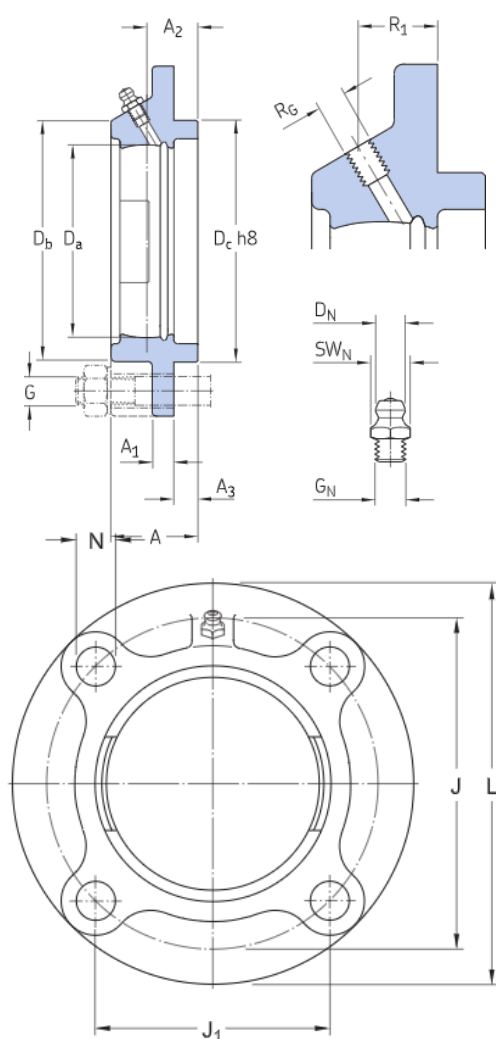
Housing type	Flanged
Flanged housing type	Round
Number of bolt holes for fasteners	4
Fastening bolt hole type	Plain
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

# Technical Specification

Material

Cast iron

## Dimensions



$D_a$	72 mm	Diameter of spherical seat
$D_b$	90.1 mm	External diameter
$D_c$	90 mm	Centring diameter
$A$	33.5 mm	Overall width
$A_1$	9 mm	Flange width
$A_2$	19 mm	Axial position of spherical seat (from support surface)
$A_3$	8 mm	Height of spherical seat centre
$J$	110 mm	Pitch diameter of attachment bolts
$J_1$	77.8 mm	Distance between attachment bolts
$L$	135 mm	Overall width
$N$	14 mm	Length of attachment bolt hole

### Threaded hole

$R_G$	1/4-28 UNF	Housing thread for grease fitting
$R_1$	17 mm	Axial position of the housing thread

### Grease fitting

$D_f$	6.5 mm	Diameter of head sphere of grease fitting
$S_f$	7 mm	Hexagonal key size for the grease fitting
$G_f$	1/4-28 SAE-LT	Thread of the grease fitting

## Mass

Mass housing	1.15 kg
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## Mounting information

Recommended diameter for attachment bolts, mm	G	12 mm
Recommended diameter for attachment bolts, inch	G	0.5 in

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