

# FYC 506 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	62 mm
Housing overall width	31 mm
Pitch diameter of bolt holes of round and triangle flange type housing	100 mm

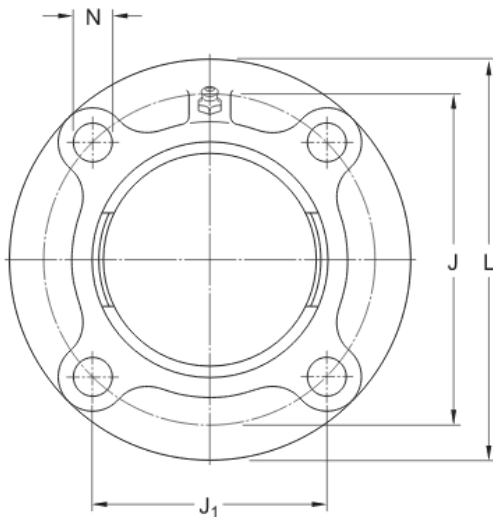
## Properties

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

$D_a$	62 mm	Diameter of spherical seat
$D_b$	81.1 mm	External diameter
$D_c$	80 mm	Centring diameter
$A$	31 mm	Overall width
$A_1$	8 mm	Flange width
$A_2$	18 mm	Axial position of spherical seat (from support surface)
$A_3$	8 mm	Height of spherical seat centre
$J$	100 mm	Pitch diameter of attachment bolts
$J_1$	70.7 mm	Distance between attachment bolts
$L$	125 mm	Overall width
$N$	12 mm	Length of attachment bolt hole

### Threaded hole

$R_G$	1/4-28 UNF	Housing thread for grease fitting
$R_1$	16.5 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

0.95 kg

## Mounting information

Recommended diameter for attachment bolts, mm

G

10 mm

Recommended diameter for attachment bolts, inch

G

0.375 in

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