

# FYC 504

## 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

Housing overall width	25.5 mm
Pitch diameter of bolt holes of round and triangle flange type housing	78 mm
Spherical seating diameter	47 mm

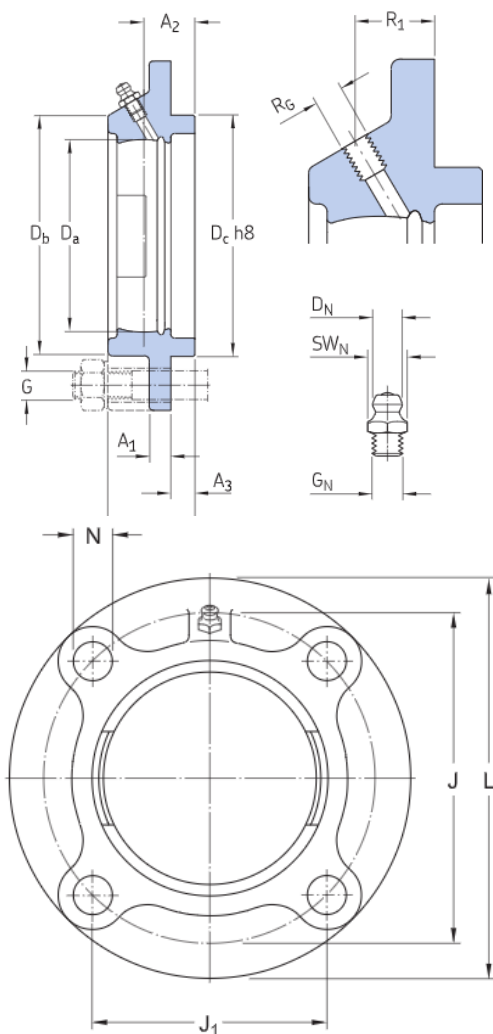
### Properties

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

# Technical Specification

Material

Cast iron



## Dimensions

$D_a$	47 mm	Diameter of spherical seat
$D_b$	61 mm	External diameter
$D_c$	62 mm	Centring diameter
A	25.5 mm	Overall width
$A_1$	7 mm	Flange width
$A_2$	15 mm	Axial position of spherical seat (from support surface)
$A_3$	5 mm	Height of spherical seat centre
J	78 mm	Pitch diameter of attachment bolts
$J_1$	55.2 mm	Distance between attachment bolts
L	100 mm	Overall width
N	12 mm	Length of attachment bolt hole

## Threaded hole

$R_G$	1/4-28 UNF	Housing thread for grease fitting
$R_1$	14.5 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

0.53 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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