

FYC 511 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	100 mm
Housing overall width	43 mm
Pitch diameter of bolt holes of round and triangle flange type housing	150 mm

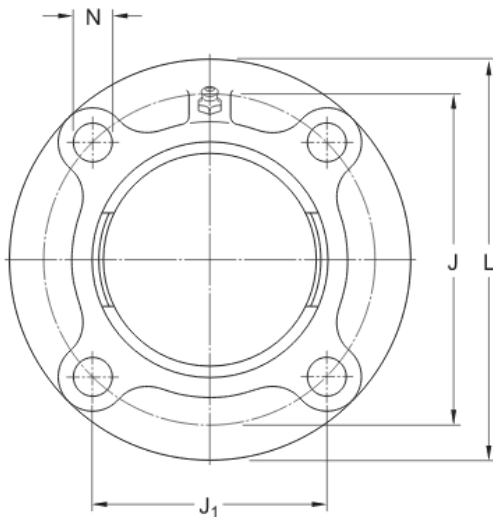
Properties

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	100 mm	Diameter of spherical seat
D_b	127.1 mm	External diameter
D_c	125 mm	Centring diameter
A	43 mm	Overall width
A_1	15 mm	Flange width
A_2	25 mm	Axial position of spherical seat (from support surface)
A_3	12 mm	Height of spherical seat centre
J	150 mm	Pitch diameter of attachment bolts
J_1	106.1 mm	Distance between attachment bolts
L	185 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_N 1/4-28
SAE-LT

Thread of the grease fitting

Mass

Mass housing

3 kg

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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