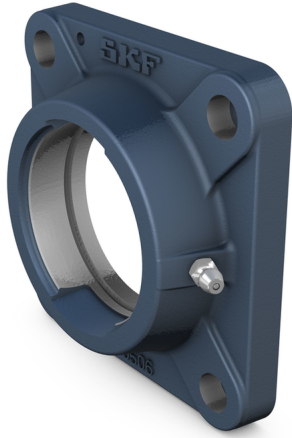


FYJ 506



Square flanged housing for insert bearings, cast iron, JIS

These square flanged housings for insert bearings are compliant with Japanese Industrial Standards (JIS). They 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 for extended periods without maintenance.

- Resist high levels of contamination
- Designed for high temperatures and speeds
- Accommodate relatively heavy loads

Overview

Dimensions

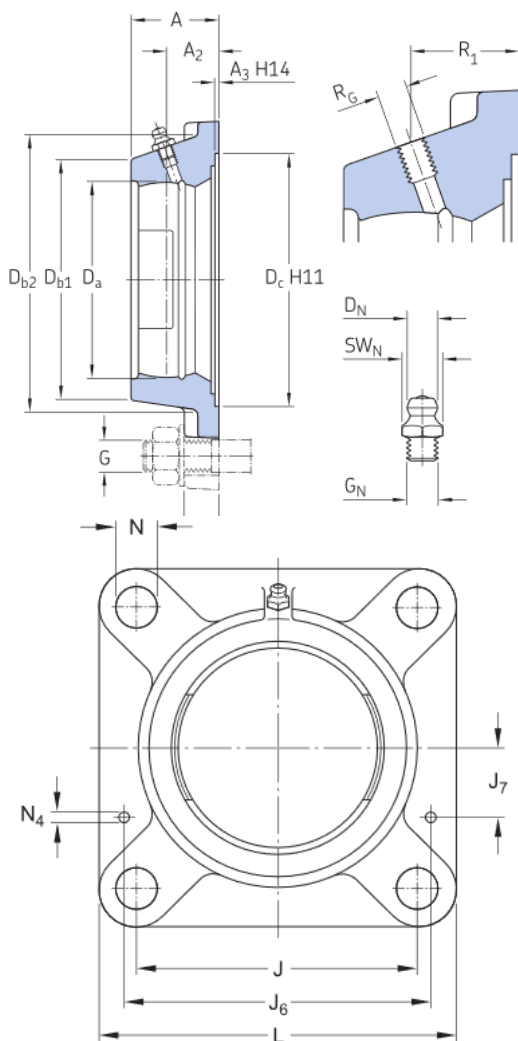
Centre distance between bolt holes	83 mm
Housing overall width	31 mm
Spherical seating diameter	62 mm

Properties

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

Technical Specification

Material	Cast iron
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Dimensions

D_a	62 mm	Diameter of spherical seat
D_{b1}	76 mm	Top external diameter
D_{b2}	85 mm	Base external diameter
D_c	93.7 mm	Centring diameter
A	31 mm	Overall width
A_1	13 mm	Flange width
A_2	18 mm	Axial position of spherical seat (from support surface)
A_3	3.2 mm	Depth of centring recess
J	83 mm	Distance between attachment bolts
L	108 mm	Overall length
N	12 mm	Diameter of attachment bolt hole

Threaded hole

R_G 1/4-28 UNF	Housing thread for grease fitting
R_1 19.5 mm	Axial position of the housing thread

Grease fitting

D ₁ 6.5 mm	Diameter of head sphere of grease fitting
S\ 7 mm	Hexagonal key size for the grease fitting
G ₁ 1/4-28 SAE-LT	Thread of the grease fitting

Dowel pins

J_6	96 mm	Distance of dowel pins
J_7	24.5 mm	Axial offset of dowel pins
N_L	4 mm	Recommended diameter for dowel pins

Mass

Mass housing	0.73 kg
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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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