

Image may differ from product. See technical specification for details.

FY 511 M

Square flanged housing for insert bearings, cast iron

These square 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	47.5 mm
Centre distance between bolt holes	130 mm

Properties

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

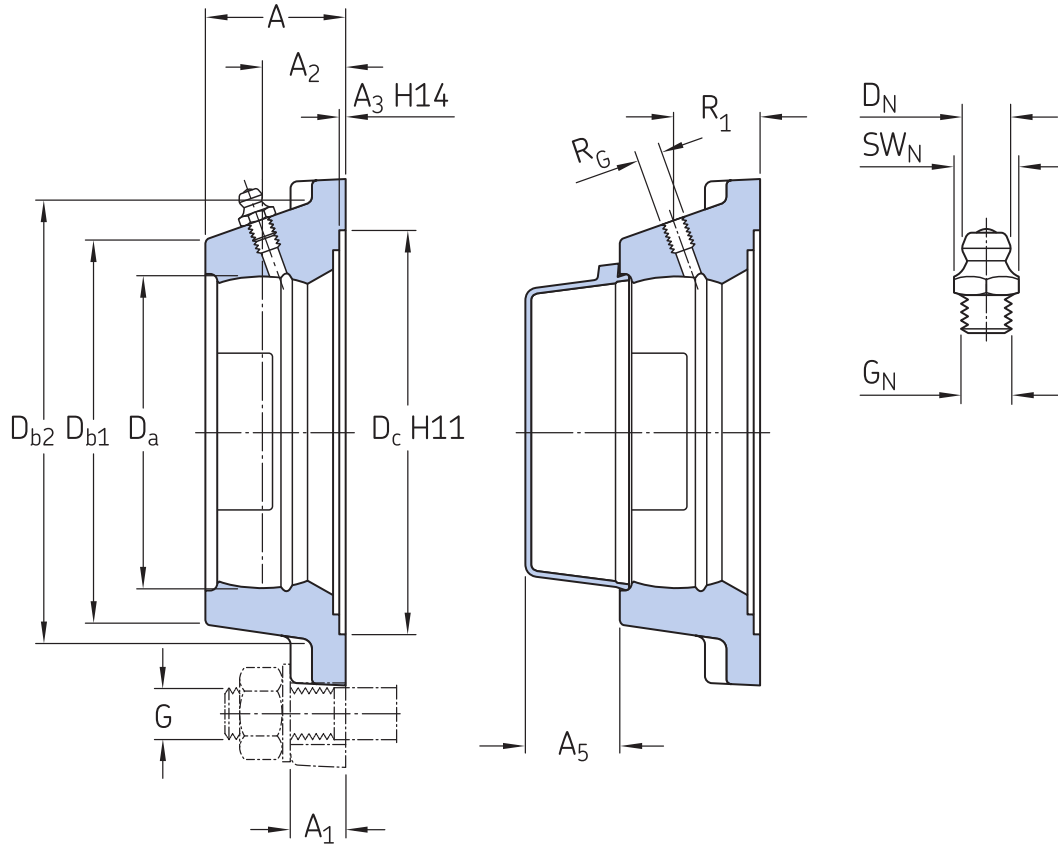
Logistics

Product net weight	2.28 kg
eClass code	23-05-08-02
UNSPSC code	31171536

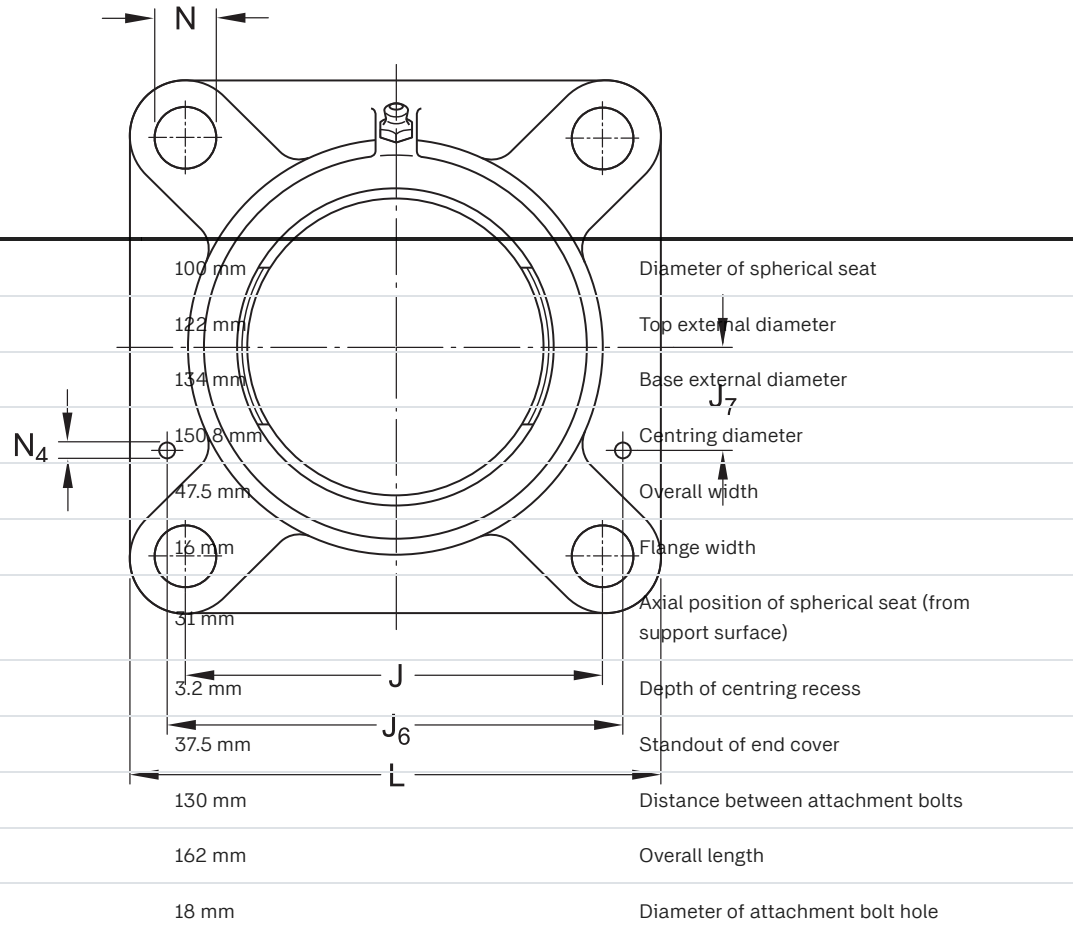
Technical specification

Material

Cast iron



Dimensions



THREADED HOLE

R_G	1/4-28 UNF	Housing thread for grease fitting
R_1	32 mm	Axial position of the housing thread

GREASE FITTING

D_N	6.5 mm	Diameter of head sphere of grease fitting
SW_N	7 mm	Hexagonal key size for the grease fitting
G_N	1/4-28 SAE-LT	Thread of the grease fitting

DOWEL PINS

J_6	148 mm	Distance of dowel pins
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J ₇	45 mm	Axial offset of dowel pins
N ₄	4 mm	Recommended diameter for dowel pins

Mass

Mass housing	2.25 kg
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Mounting information

Recommended diameter for attachment bolts, mm	G	16 mm
Recommended diameter for attachment bolts, inch	G	0.625 in

Associated products





End cover	ECY 211
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Compatible products

Recommended product

End cover for bearing units	ECY 211
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More Information

 Product details	 Engineering information	 Tools
Flanged units to ISO standards		Bearing Select
Flanged units to North American standards	 Principles of ball bearing units selection and application - Download catalogue (4.9 MB)	Engineering Calculator
Flanged units to Japanese Industrial Standards (JIS)	Principles of selecting mounted bearing solutions	Rolling bearings mounting and dismounting instructions
Flanged units, not standardized (SKF Food Line)	Bearing failure and how to prevent it	
Permissible misalignment		
Locating/non-locating support		
Loads		
Temperature limits		
Permissible speed		
Lubrication		
Mounting and dismounting		
Ordering information		
Designation system		



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