

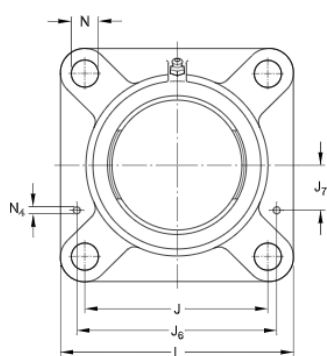
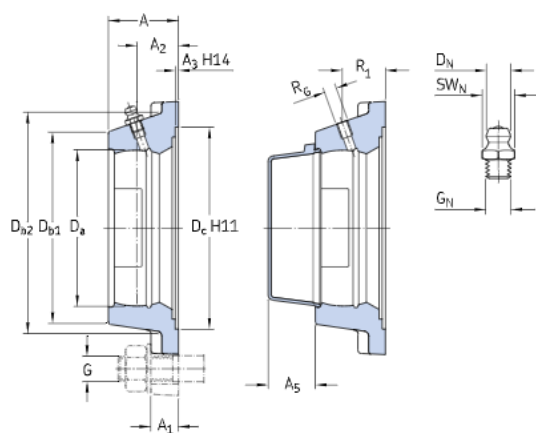
FY 509 M

Square flanged housings for insert bearings

Technical specification

Material

Cast iron



DIMENSIONS

D_a	85 mm
D_{b1}	102 mm
D_{b2}	112 mm
D_c	119.1 mm
A	39 mm
A_1	14 mm
A_2	24 mm
A_3	3.2 mm
A_5	26.5 mm
J	105 mm
L	137 mm
N	16 mm

THREADED HOLE

R_G	1/4-28 UNF
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R_1	24.5 mm
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GREASE FITTING

D_N	6.5 mm
SW_N	7 mm
G_N	1/4-28 SAE-LT

DOWEL PINS

J_6	123 mm
J_7	33.5 mm
N_4	4 mm

MASS

Mass housing	1.3 kg
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MOUNTING INFORMATION

Recommended diameter for attachment bolts, mm	G	14 mm
Recommended diameter for attachment bolts, inch	G	0.563 in

ASSOCIATED PRODUCTS

End cover	ECY 209
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More information

Product details

[Flanged units to ISO standards](#)

[Flanged units to North American standards](#)

[Flanged units to Japanese Industrial Standards \(JIS\)](#)

[Flanged units, not standardized \(SKF Food Line\)](#)

[Ball bearing unit data](#)

[Loads](#)

[Temperature limits](#)

[Permissible speed](#)

[Lubrication](#)

[Mounting and dismounting](#)

[Designation system](#)

Engineering information

[Principles of ball bearing units selection and application - Download catalogue \(4.9 MB\)](#)

[Principles of selecting mounted bearing solutions](#)

[Bearing failure and how to prevent it](#)

Tools

[Bearing Select](#)

[Engineering Calculator](#)

[Rolling bearings mounting and dismounting instructions](#)

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