

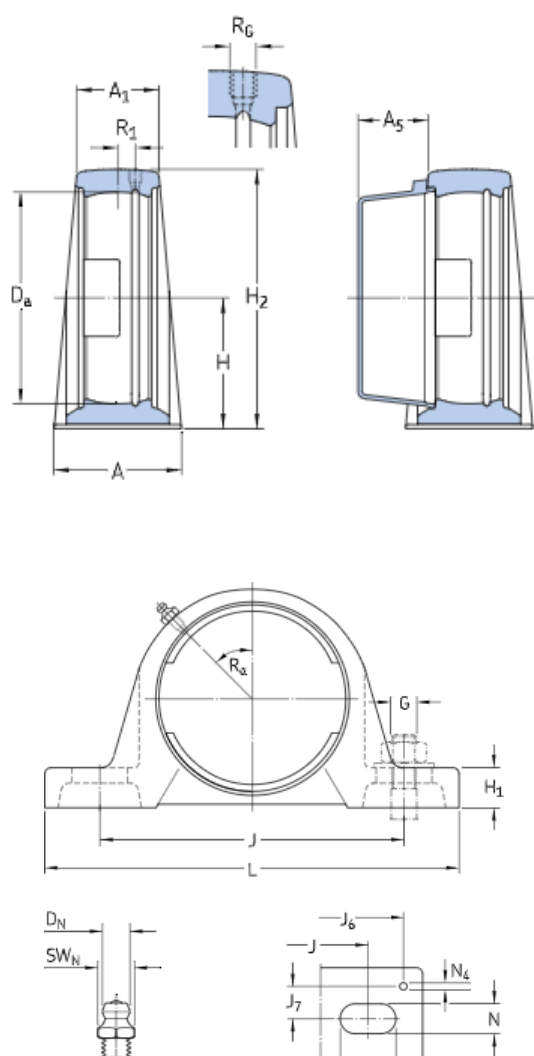
SY 509 M

Pillow block housings for insert bearings

Technical specification

Material

Cast iron



DIMENSIONS

D_a	85 mm
A	48 mm
A_1	32 mm
A_5	26.5 mm
H	54 mm
H_1	21 mm
H_2	107 mm
J	143.5 mm
J	max. 152 mm
J	min. 135 mm
L	187 mm
N	14 mm
N_1	22.5 mm

THREADED HOLE

R_G	1/4-28 UNF
R_1	4 mm
R_α	45 °

GREASE FITTING

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

DOWEL PINS

J_6	173 mm
J_7	17 mm
N_4	4 mm

MASS

Mass housing	1.5 kg
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MOUNTING INFORMATION

Recommended diameter for attachment bolts, mm	G	12 mm
Recommended diameter for attachment bolts, inch	G	0.5 in

ASSOCIATED PRODUCTS

End cover	ECY 209
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More information

Product details

[Pillow block units to ISO standards](#)

[Pillow block units to North American standards](#)

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

[Pillow block units, not standardized \(incl. SKF Food Line\)](#)

[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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