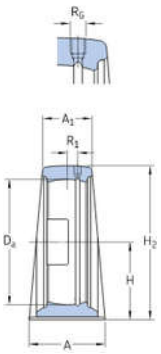
SYJ 509

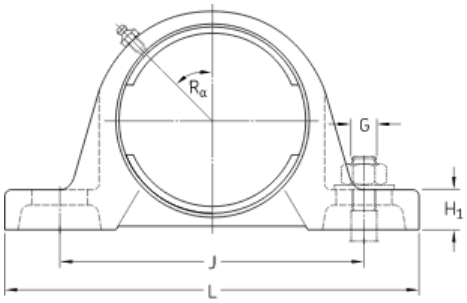
Pillow block housings for insert bearings

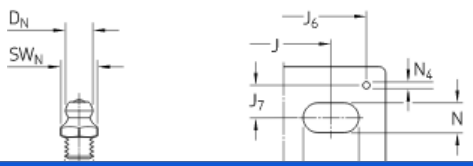


Technical specification

Material	Cast iron







DIMENSIONS

D_a	85 mm
A	52 mm
A_1	36 mm
H	54 mm
H_1	20 mm
H_2	107.5 mm
J	143.5 mm
J	max. 151 mm
J	min. 136 mm
L	190 mm
N	17 mm
N_1	24.5 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	174 mm
J_7	18 mm
N_4	4 mm

MASS

Mass housing	1.55 kg

MOUNTING INFORMATION

Recommended diameter for attachment bolts, mm	G	14 mm
Recommended diameter for attachment bolts, inch	G	0.5625 in

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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