

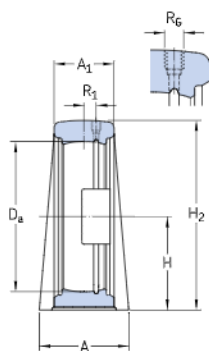
## SYF 509

Short base pillow block housings for insert bearings

### Technical specification

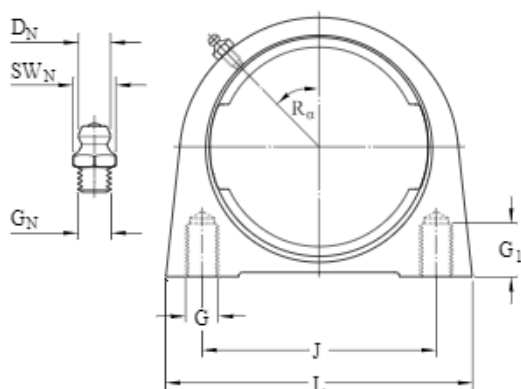
Material

Cast iron



### DIMENSIONS

$D_a$	85 mm
$A$	48 mm
$A_1$	32 mm
$H$	54 mm
$H_2$	107.5 mm
$J$	95.3 mm
$L$	120 mm



### THREADED HOLE

$R_G$	1/4-28 UNF
$R_1$	4 mm
$R_\alpha$	45 °

### GREASE FITTING

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

Mass housing	1.25 kg
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## MOUNTING INFORMATION

Housing thread for attachment bolts	G	M12
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Thread length	$G_1$	22 mm
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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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