

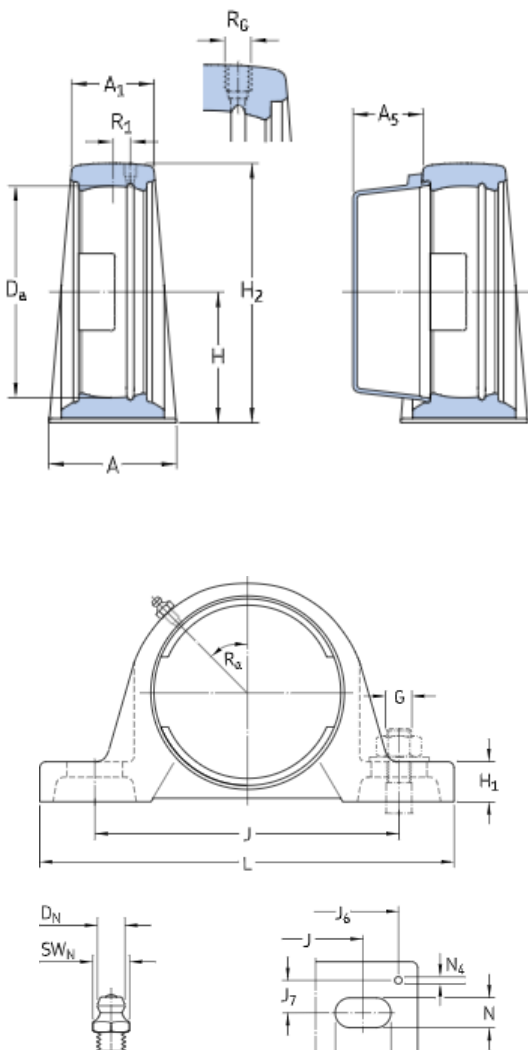
# SY 509 M Pillow block housings for insert bearings

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
$R_\alpha$	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	Engineering information	Tools
<a href="#">Pillow block units to ISO standards</a>	<a href="#">Principles of ball bearing units selection and application - Download catalogue (4.9 MB)</a>	<a href="#">Bearing Select</a>
<a href="#">Pillow block units to North American standards</a>	<a href="#">Principles of selecting mounted bearing solutions</a>	<a href="#">Engineering Calculator</a>
<a href="#">Pillow block units to Japanese Industrial Standards (JIS)</a>	<a href="#">Bearing failure and how to prevent it</a>	<a href="#">Rolling bearings mounting and dismounting instructions</a>
<a href="#">Pillow block units, not standardized (incl. SKF Food Line)</a>		
<a href="#">Permissible misalignment</a>		
<a href="#">Locating/non-locating support</a>		
<a href="#">Loads</a>		
<a href="#">Temperature limits</a>		
<a href="#">Permissible speed</a>		
<a href="#">Lubrication</a>		
<a href="#">Mounting and dismounting</a>		
<a href="#">Ordering information</a>		
<a href="#">Designation system</a>		

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