

## SY 503 M

Pillow block housings for insert bearings

### Technical specification

Material

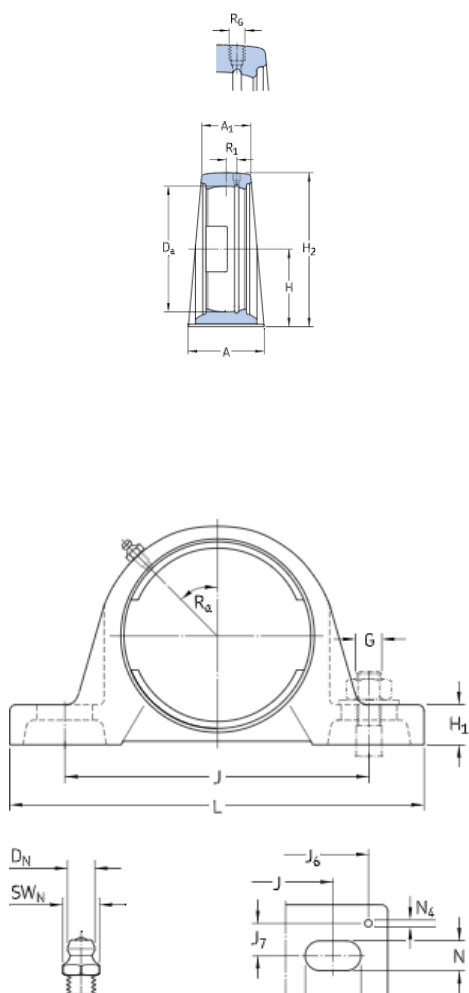
Cast iron

### DIMENSIONS

$D_a$	40 mm
A	32 mm
$A_1$	18 mm
H	30.2 mm
$H_1$	14 mm
$H_2$	57 mm
J	97 mm
J	max. 106 mm
J	min. 88 mm
L	127 mm
N	11.5 mm
$N_1$	20.5 mm

### THREADED HOLE

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

$J_6$	118 mm
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$J_7$	11.5 mm
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$N_4$	2 mm
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## MASS

Mass housing	0.37 kg
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## MOUNTING INFORMATION

Recommended diameter for attachment bolts, mm	G	10 mm
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Recommended diameter for attachment bolts, inch	G	0.375 in
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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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