

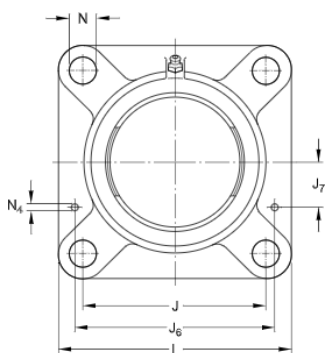
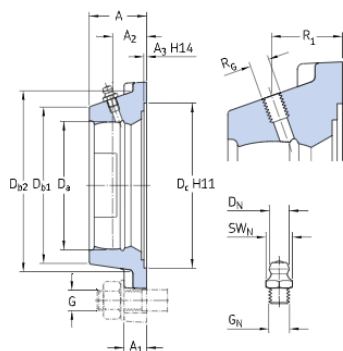
## FY 503 M

Square flanged housings for insert bearings

### Technical specification

Material

Cast iron



### DIMENSIONS

$D_a$	40 mm
$D_{b1}$	50 mm
$D_{b2}$	53 mm
$D_c$	55.6 mm
$A$	26 mm
$A_1$	11 mm
$A_2$	17 mm
$A_3$	3.2 mm
$J$	54 mm
$L$	76 mm
$N$	11.5 mm

### THREADED HOLE

$R_G$	1/4-28 UNF
$R_1$	19 mm

## GREASE FITTING

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

## DOWEL PINS

$J_6$	66 mm
$J_7$	14.5 mm
$N_4$	4 mm

## MASS

Mass housing	0.28 kg
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## MOUNTING INFORMATION

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

## More information

## Product details

[Flanged units to ISO standards](#)

[Flanged units to North American standards](#)

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

[Flanged units, not standardized \(SKF Food Line\)](#)

[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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