

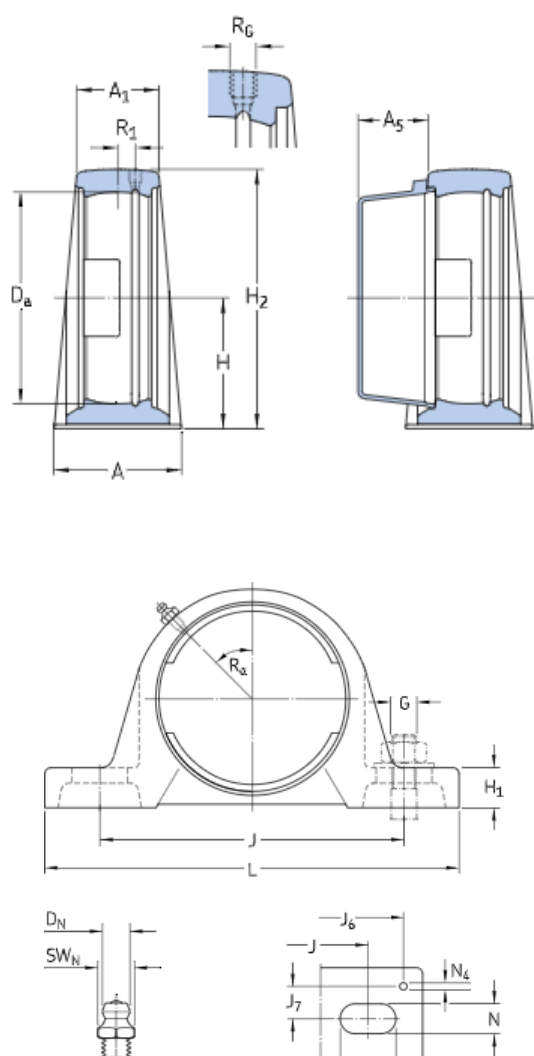
SY 512 M

Pillow block housings for insert bearings

Technical specification

Material

Cast iron



DIMENSIONS

| | |
|-------|-------------|
| D_a | 110 mm |
| A | 60 mm |
| A_1 | 42 mm |
| A_5 | 39 mm |
| H | 69.9 mm |
| H_1 | 26.5 mm |
| H_2 | 137.5 mm |
| J | 190.5 mm |
| J | max. 202 mm |
| J | min. 179 mm |
| L | 240 mm |
| N | 18 mm |
| N_1 | 29.5 mm |

THREADED HOLE

| | |
|------------|------------|
| R_G | 1/4-28 UNF |
| R_1 | 5.5 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 | 222 mm |
| J_7 | 21 mm |
| N_4 | 4 mm |

MASS

| | |
|--------------|------|
| Mass housing | 3 kg |
|--------------|------|

MOUNTING INFORMATION

| | | |
|---|---|----------|
| Recommended diameter for attachment bolts, mm | G | 16 mm |
| Recommended diameter for attachment bolts, inch | G | 0.625 in |

ASSOCIATED PRODUCTS

| | |
|-----------|---------|
| End cover | ECY 212 |
|-----------|---------|

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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