



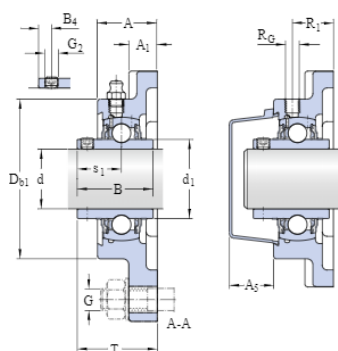
Y/UCF 205/H

Square flanged ball bearing units

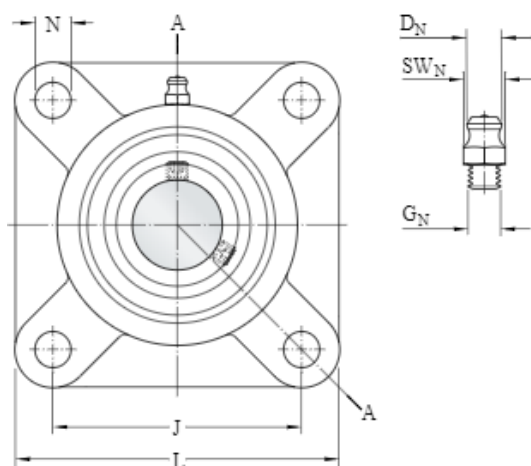
Technical specification

Compliance with standard	JIS
Purpose specific	For material handling applications
Housing material	Cast iron
Sealing solution	Standard seals with additional flingers

DIMENSIONS



d	25 mm
	≈ 33.74 mm
A	27 mm
	13 mm
	20.5 mm
B	34.1 mm
	5 mm
	68 mm
J	70 mm
L	95 mm
N	12 mm
	19.8 mm
T	35.8 mm



GREASE FITTING

6.6 mm

7.94 mm

1/4-28 UNF

THREADED HOLE

1/4-28 UNF

17.5 mm

CALCULATION DATA

Basic dynamic load rating	C	14 kN
Basic static load rating		7.8 kN
Fatigue load limit		0.335 kN
Limiting speed		5850 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.72 kg
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MOUNTING INFORMATION

Set screw		M6x0.75
Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 N·m
Recommended diameter for attachment bolts, mm	G	10 mm
Recommended diameter for attachment bolts, inch	G	0.375 in

INCLUDED PRODUCTS

Housing	F 205
Bearing	UC 205/H

ASSOCIATED PRODUCTS

End cover	ECY 205
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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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