

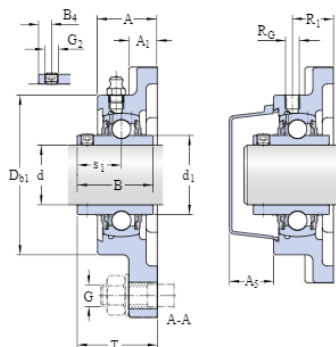
Y/UCF 209/H

Square flanged ball bearing units

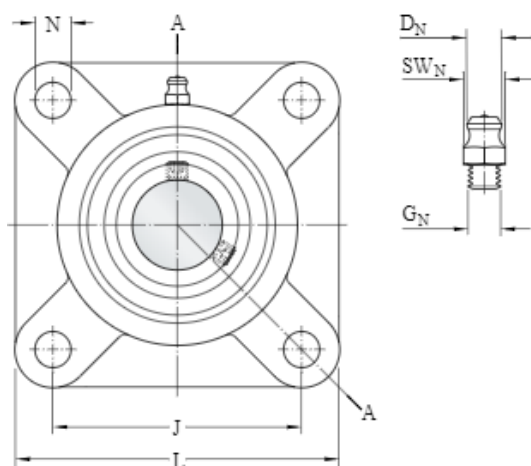
Technical specification

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

DIMENSIONS



d	45 mm
	≈ 56.8 mm
A	38 mm
	16 mm
	26.5 mm
B	49.2 mm
	8 mm
	108 mm
J	105 mm
L	137 mm
N	16 mm
	30.2 mm
T	52.2 mm



GREASE FITTING

6.6 mm

7.94 mm

1/4-28 UNF

THREADED HOLE

1/4-28 UNF

26 mm

CALCULATION DATA

Basic dynamic load rating	C	33.2 kN
Basic static load rating		21.6 kN
Fatigue load limit		0.915 kN
Limiting speed		3400 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	2.1 kg
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MOUNTING INFORMATION

Set screw		M8x1
Hexagonal key size for set screw	N	4 mm
Recommended tightening torque for set screw		6.5 N·m
Recommended diameter for attachment bolts, mm	G	14 mm
Recommended diameter for attachment bolts, inch	G	0.5625 in

INCLUDED PRODUCTS

Housing	F 209
Bearing	UC 209/H

ASSOCIATED PRODUCTS

End cover	ECY 209
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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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