

Y/UCT 211/H

Take-up ball bearing units

Technical specification

Compliance with standard

JIS

Purpose specific

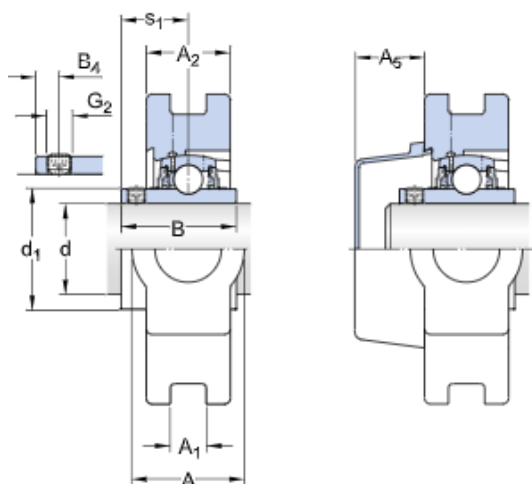
For material handling applications

Housing material

Cast iron

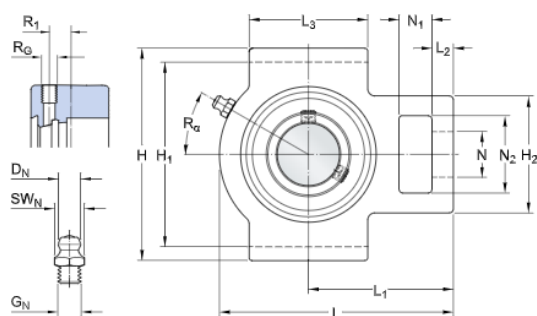
Sealing solution

Standard seals with additional flingers



DIMENSIONS

d	55 mm
d ₁	≈ 69.06 mm
A	64 mm
A ₁	22 mm
A ₂	38 mm
A ₅	37.5 mm
B	55.6 mm
B ₁	55.6 mm
B ₄	9 mm
H	146 mm
H ₁	130 mm
H ₂	102 mm
L	172 mm



L_1	106 mm
L_2	19 mm
L_3	95 mm
N	35 mm
N_1	25 mm
N_2	64.5 mm
s_1	33.4 mm

THREADED HOLE

R_G	1/8-27 NPT
R_1	4 mm
R_α	30 °

GREASE FITTING

D_N	6.589 mm
SW_N	11.11 mm
G_N	1/8-27 NPT

CALCULATION DATA

Basic dynamic load rating	C	43.6 kN
Basic static load rating	C_0	29 kN
Fatigue load limit	P_u	1.25 kN
Limiting speed		3000 r/min

MASS

Mass bearing unit	3.85 kg
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MOUNTING INFORMATION

Set screw	G ₂	M10x1
Hexagonal key size for set screw	N	5 mm
Recommended tightening torque for set screw		16.5 N·m

INCLUDED PRODUCTS

Housing	T 211
Bearing	UC 211/H

ASSOCIATED PRODUCTS

End cover	ECY 211
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More information

Product details

[Take-up units to ISO standards](#)

[Take-up units to North American standards](#)

[Take-up units to Japanese Industrial Standards \(JIS\)](#)

[Take-up 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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