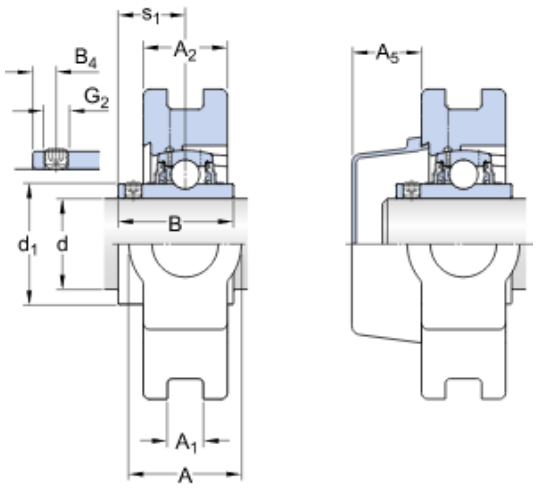
Y/UCT 205/H

Take-up ball bearing units

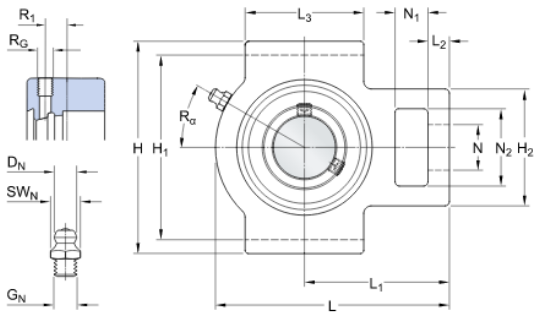
Technical specification

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



DIMENSIONS

d	25 mm
d_1	≈ 33.74 mm
A	32 mm
A_1	12 mm
A_2	24 mm
A_5	20.5 mm
B	34.1 mm
B_1	34.1 mm
B_4	5 mm
H	89 mm
H_1	76 mm
H_2	51 mm
L	97 mm



L_1	62 mm
L_2	10 mm
L_3	51 mm
N	19 mm
N_1	16 mm
N_2	32 mm
s_1	19.8 mm

THREADED HOLE

R_G	1/4-28 UNF
R_1	1.5 mm
R_α	30 °

GREASE FITTING

D_N	6.6 mm
SW_N	7.94 mm
G_N	1/4-28 UNF

CALCULATION DATA

Basic dynamic load rating	C	14 kN
Basic static load rating	C_0	7.8 kN
Fatigue load limit	P_u	0.335 kN
Limiting speed		5850 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.79 kg

MOUNTING INFORMATION

Set screw	G_2	M6x0.75
Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 N·m

INCLUDED PRODUCTS

Housing	T 205
Bearing	UC 205/H

ASSOCIATED PRODUCTS

End cover	ECY 205

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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