



Y/UCT 206/H

Take-up ball bearing units

Technical specification

Compliance with standard

JIS

Purpose specific

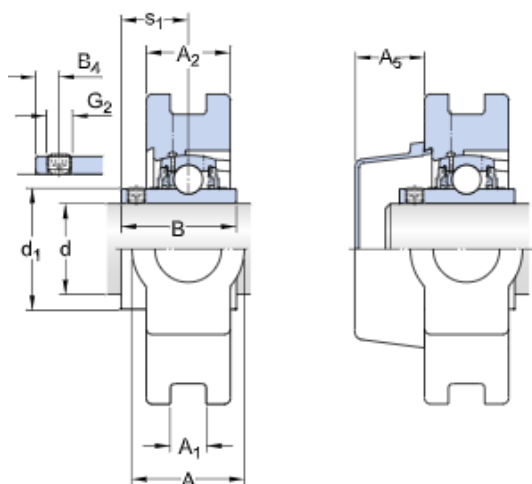
For material handling applications

Housing material

Cast iron

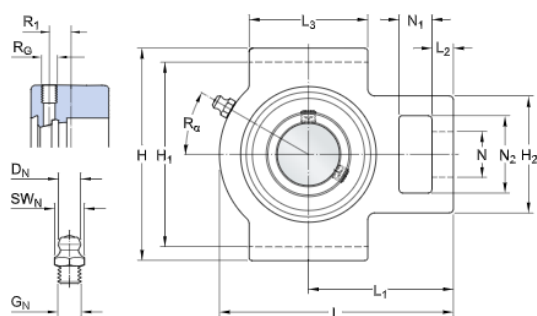
Sealing solution

Standard seals with additional flingers



DIMENSIONS

| | |
|----------------|-----------|
| d | 30 mm |
| d ₁ | ≈ 39.7 mm |
| A | 37 mm |
| A ₁ | 12 mm |
| A ₂ | 28 mm |
| A ₅ | 22.5 mm |
| B | 38.1 mm |
| B ₁ | 38.1 mm |
| B ₄ | 5 mm |
| H | 102 mm |
| H ₁ | 89 mm |
| H ₂ | 56 mm |
| L | 113 mm |



| | |
|-------|---------|
| L_1 | 70 mm |
| L_2 | 10 mm |
| L_3 | 57 mm |
| N | 22 mm |
| N_1 | 16 mm |
| N_2 | 37.5 mm |
| s_1 | 22.2 mm |

THREADED HOLE

| | |
|------------|------------|
| R_G | 1/4-28 UNF |
| R_1 | 2.5 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 | 19.5 kN |
| Basic static load rating | C_0 | 11.2 kN |
| Fatigue load limit | P_u | 0.475 kN |
| Limiting speed | | 5000 r/min |

MASS

| | |
|-------------------|---------|
| Mass bearing unit | 1.25 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 206 |
| Bearing | UC 206/H |

ASSOCIATED PRODUCTS

| | |
|-----------|---------|
| End cover | ECY 206 |
|-----------|---------|

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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