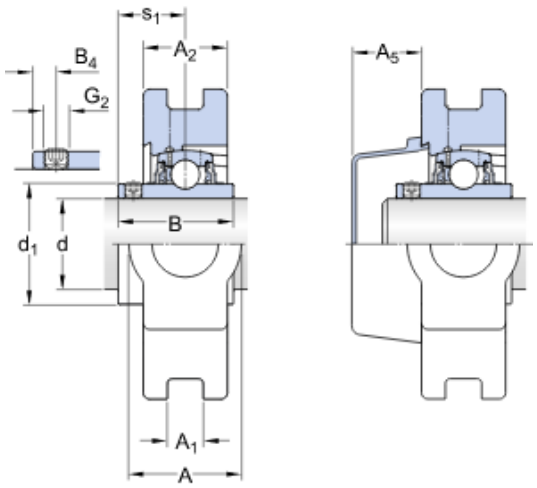
UCT 214

Take-up ball bearing units

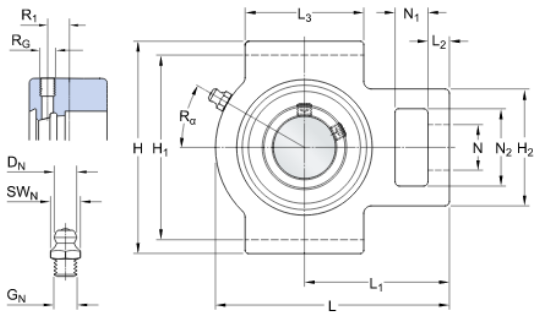
Technical specification

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



DIMENSIONS

d	70 mm
d_1	≈ 87 mm
A	70 mm
A_1	26 mm
A_2	46 mm
A_5	41.5 mm
B	74.6 mm
B_4	12 mm
H	167 mm
H_1	151 mm
H_2	111 mm
L	225 mm
L_1	137 mm



L_2	21 mm
L_3	121 mm
N	41 mm
N_1	32 mm
N_2	70 mm
s_1	44.4 mm

THREADED HOLE

R_G	1/8-27 NPT
R_1	5 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	62.4 kN
Basic static load rating	C_0	44 kN
Fatigue load limit	P_u	1.86 kN
Limiting speed		2250 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	6.9 kg

MOUNTING INFORMATION

Set screw	G_2	M12x1.5
Hexagonal key size for set screw	N	6.08 mm
Recommended tightening torque for set screw		28.5 N·m

INCLUDED PRODUCTS

Housing	T 214/Y
Bearing	UC 214

ASSOCIATED PRODUCTS

End cover	ECY 214

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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