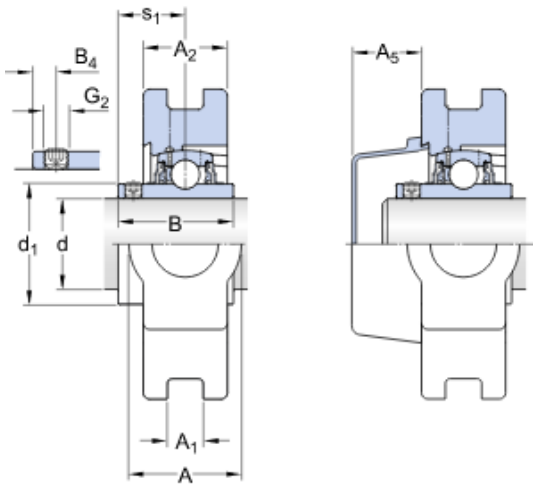
UCT 216

Take-up ball bearing units

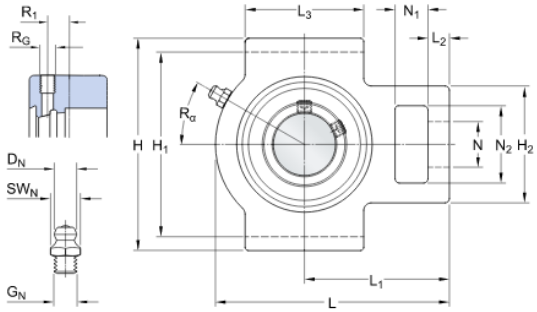
Technical specification

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



DIMENSIONS

d	80 mm
d_1	≈ 98.5 mm
A	70 mm
A_1	26 mm
A_2	51 mm
A_5	41.5 mm
B	82.6 mm
B_4	14 mm
H	184 mm
H_1	165 mm
H_2	111 mm
L	235 mm
L_1	140 mm



L_2	21 mm
L_3	121 mm
N	41 mm
N_1	32 mm
N_2	70 mm
s_1	49.3 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	71.5 kN
Basic static load rating	C_0	54 kN
Fatigue load limit	P_u	2.2 kN
Limiting speed		1900 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	8.3 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 216/Y
Bearing	UC 216

ASSOCIATED PRODUCTS

End cover	ECY 216

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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