

Y/UCT 216

Take-up ball bearing units

Technical specification

Compliance with standard

JIS

Purpose specific

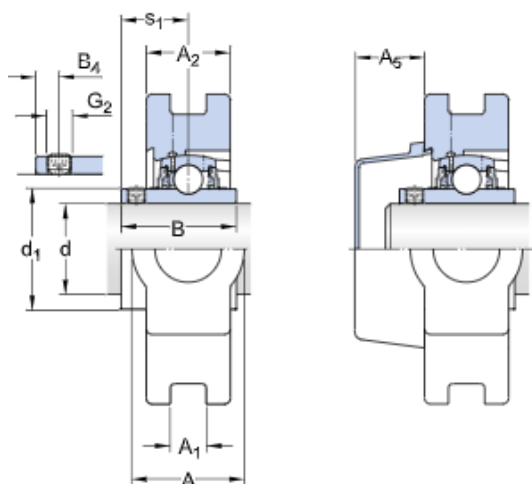
For material handling applications

Housing material

Cast iron

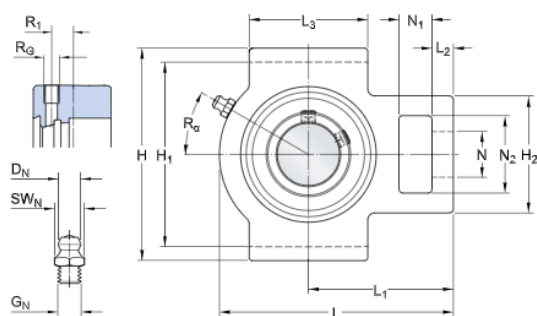
Sealing solution

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

MASS

Mass bearing unit	8.3 kg
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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
Bearing	UC 216

ASSOCIATED PRODUCTS

End cover	ECY 216
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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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