

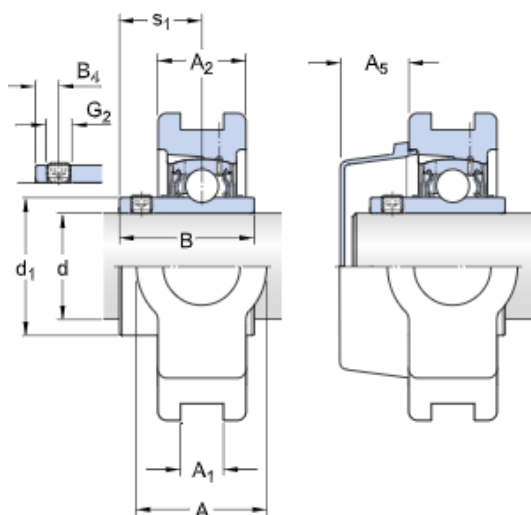


TU 1. TF

Take-up ball bearing units

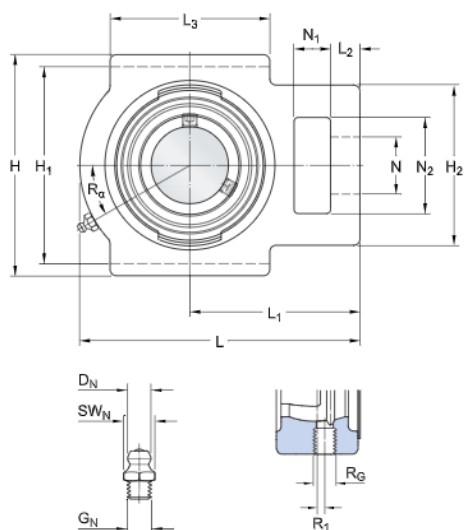
Technical specification

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



DIMENSIONS

d	25.4 mm
d ₁	≈ 33.74 mm
A	34 mm
A ₁	13.5 mm
A ₂	25 mm
A ₅	19 mm
B	34.1 mm
B ₁	34.1 mm
B ₄	5 mm
H	91 mm
H ₁	76 mm
H ₂	53 mm
L	100 mm



L_1	64 mm
L_2	10 mm
L_3	52 mm
N	19 mm
N_1	16 mm
N_2	33 mm
s_1	19.8 mm

THREADED HOLE

R_G	1/4-28 UNF
R_1	2 mm
R_α	30 °

GREASE FITTING

D_N	6.5 mm
SW_N	7 mm
G_N	1/4-28 SAE-LT

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		7 000 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.86 kg
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MOUNTING INFORMATION

Set screw	G ₂	1/4-28 UNF
Hexagonal key size for set screw	N	3.175 mm
Recommended tightening torque for set screw		4 N·m

INCLUDED PRODUCTS

Housing	TU 505 M
Bearing	YAR 205-100-2F

ASSOCIATED PRODUCTS

End cover	ECY 205
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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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