

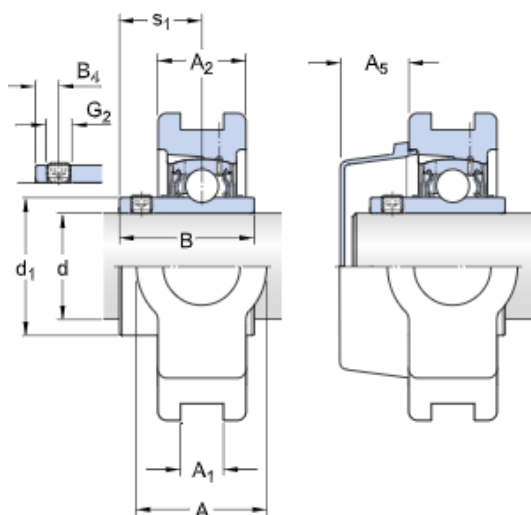


## TU 25 TF

### Take-up ball bearing units

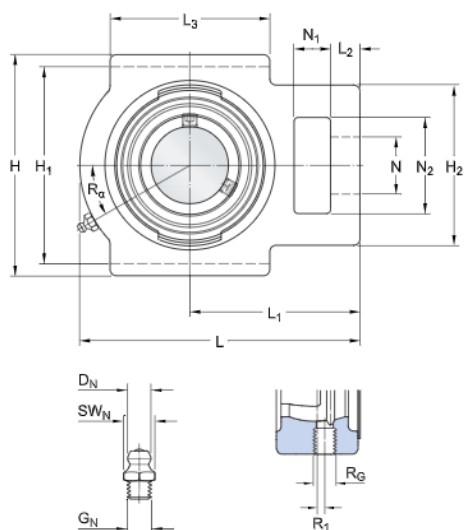
#### Technical specification

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



#### DIMENSIONS

d	25 mm
d <sub>1</sub>	≈ 33.74 mm
A	34 mm
A <sub>1</sub>	13.5 mm
A <sub>2</sub>	25 mm
A <sub>5</sub>	19 mm
B	34.1 mm
B <sub>1</sub>	34.1 mm
B <sub>4</sub>	5 mm
H	91 mm
H <sub>1</sub>	76 mm
H <sub>2</sub>	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
$R_\alpha$	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 <sub>2</sub>	M6x0.75
Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 N·m

## INCLUDED PRODUCTS

Housing	TU 505 M
Bearing	YAR 205-2F

## 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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