

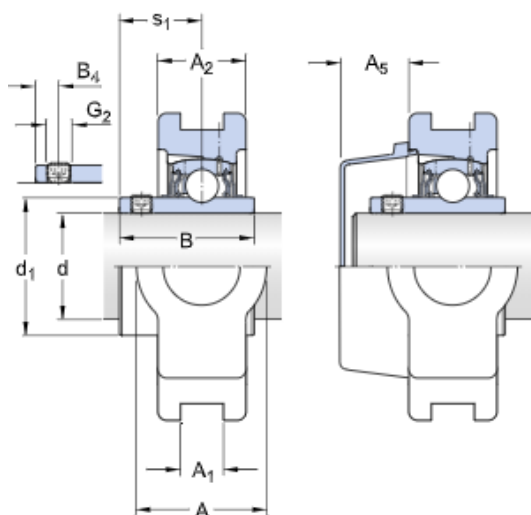


## TU 55 TF

### Take-up ball bearing units

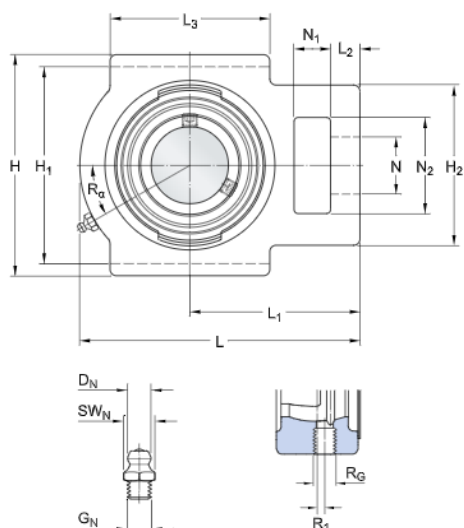
#### Technical specification

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



#### DIMENSIONS

d	55 mm
d <sub>1</sub>	≈ 69.06 mm
A	64 mm
A <sub>1</sub>	27 mm
A <sub>2</sub>	41 mm
A <sub>5</sub>	33.5 mm
B	55.6 mm
B <sub>1</sub>	55.6 mm
B <sub>4</sub>	9 mm
H	146 mm
H <sub>1</sub>	130 mm
H <sub>2</sub>	102 mm
L	171 mm



$L_1$	106 mm
$L_2$	19 mm
$L_3$	95 mm
$N$	35 mm
$N_1$	25 mm
$N_2$	64 mm
$s_1$	33.4 mm

#### THREADED HOLE

$R_G$	1/4-28 UNF
$R_1$	5 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	$C$	43.6 kN
Basic static load rating	$C_0$	29 kN
Fatigue load limit	$P_u$	1.25 kN
Limiting speed		3 600 r/min
with shaft tolerance h6		

#### MASS

Mass bearing unit	3.9 kg
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#### MOUNTING INFORMATION

Set screw	G <sub>2</sub>	M10x1
Hexagonal key size for set screw	N	5 mm
Recommended tightening torque for set screw		16.5 N·m

## INCLUDED PRODUCTS

Housing	TU 511 M
Bearing	YAR 211-2F

## ASSOCIATED PRODUCTS

End cover	ECY 211
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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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