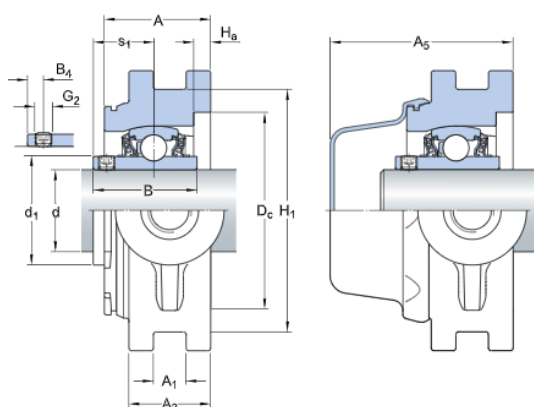


WSTUC 50M-TPSS

Take-up ball bearing units

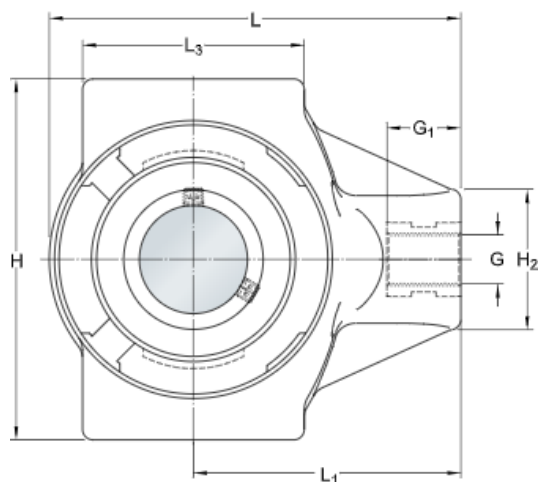
Technical specification

Compliance with standard	Not standardized
Purpose specific	For food and beverage applications
Housing material	Composite for the SKF Food Line
Sealing solution	Gutter seals and flingers



DIMENSIONS

d	50 mm
d ₁	≈ 62.51 mm
D _c	98 mm
H _a	6 mm
A	45 mm
A ₁	16 mm
A ₂	36 mm
A ₅	77 mm
B	51.6 mm
B ₄	9 mm
H	117 mm
H ₁	101.8 mm
H ₂	46 mm



L	144 mm
L ₁	90 mm
L ₃	85 mm
G	M20
G ₁	21 mm
s ₁	32.6 mm

CALCULATION DATA

Basic dynamic load rating	C	29.6 kN
Basic static load rating	C ₀	23.2 kN
Fatigue load limit	P _u	0.98 kN
Limiting speed		2 200 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	1.1 kg
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MOUNTING INFORMATION

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

INCLUDED PRODUCTS

Housing	WSTUC 510MM
Bearing	YAR 210-2LPW/SS

ASSOCIATED PRODUCTS

End cover

ECB 510

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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