

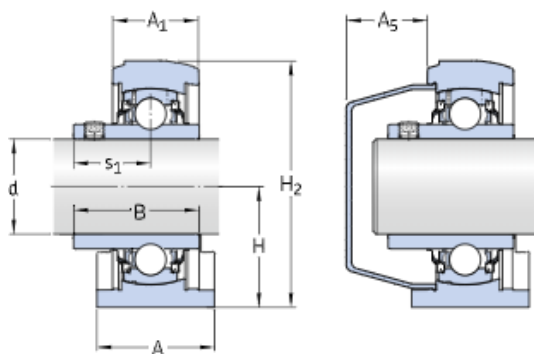
SYFWK 50 LTHR

Short base pillow block ball bearing units

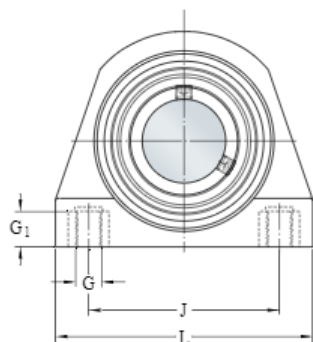
Technical specification

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

DIMENSIONS



d	50 mm
A	54 mm
A ₁	37.5 mm
A ₅	42.4 mm
B	51.6 mm
B ₁	51.6 mm
B ₄	9 mm
H	57.2 mm
H ₂	115 mm
J	101.6 mm
L	135 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	1.2 kg
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MOUNTING INFORMATION

Thread for attachment bolts	G	M16
Thread length	G_1	23.5 mm
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	SYFWK 510 L
Bearing	YAR 210-2RFGR/HV

ASSOCIATED PRODUCTS

End cover

ECL 210

More information

Product details

[Pillow block units to ISO standards](#)[Pillow block units to North American standards](#)[Pillow block units to Japanese Industrial Standards \(JIS\)](#)[Pillow block units, not standardized \(incl. SKF Food Line\)](#)[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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