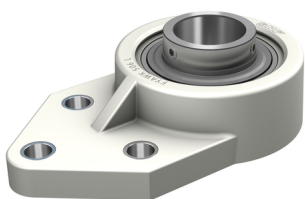


FYAWK 50 LTHR

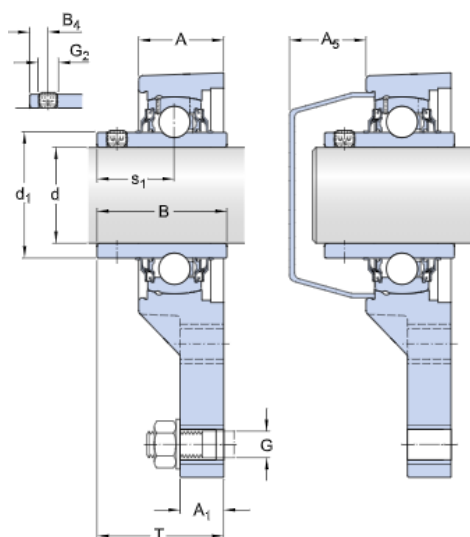
3-bolt bracket flanged ball bearing units



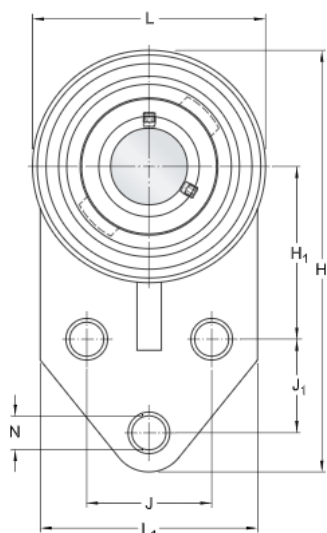
Technical specification

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
d ₁	≈ 62.51 mm
A	39 mm
A ₁	20 mm
A ₅	43 mm
B	51.6 mm
B ₄	9 mm
J	60 mm
J ₁	46 mm
H	185 mm
H ₁	68 mm
L	112 mm
L ₁	100 mm



N	14 mm
s ₁	32.6 mm
T	56.6 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	1.15 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
Recommended diameter for attachment bolts, mm	G	12 mm
Recommended diameter for attachment bolts, inch	G	0.5 in

INCLUDED PRODUCTS

Housing	FYAWK 510 L
Bearing	YAR 210-2RFGR/HV

ASSOCIATED PRODUCTS

End cover

ECL 210

More information

Product details

[Flanged units to ISO standards](#)[Flanged units to North American standards](#)[Flanged units to Japanese Industrial Standards \(JIS\)](#)[Flanged 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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