

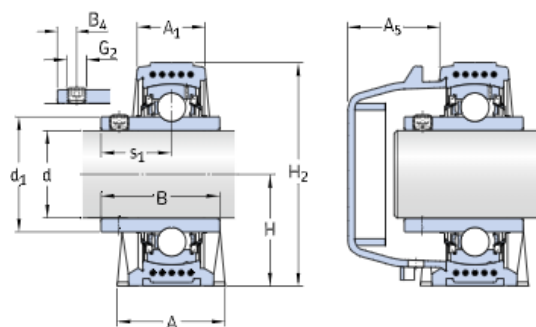
SYWK 30 YTA

Pillow block ball bearing units

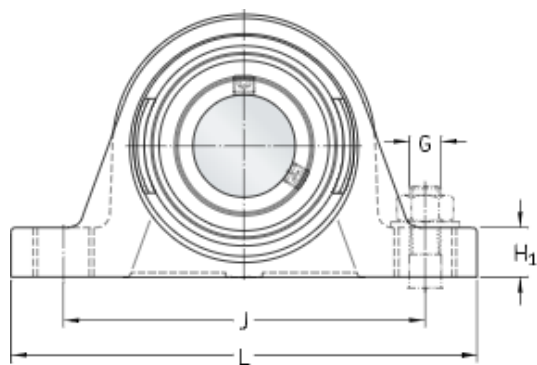
Technical specification

Compliance with standard	ISO
Purpose specific	For food and beverage applications
Housing material	Composite for the SKF Food Line
Sealing solution	Multiple seals

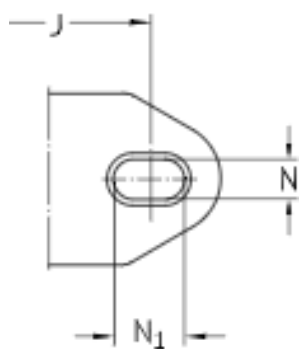
DIMENSIONS



d	30 mm
d ₁	≈ 39.7 mm
A	40 mm
A ₁	25 mm
A ₅	30.5 mm
B	38.1 mm
B ₄	5 mm
H	42.9 mm
H ₁	19 mm
H ₂	82 mm
J	121 mm
J	max. 128 mm
J	min. 114 mm



L	159 mm
N	14.5 mm
N ₁	21.5 mm
s ₁	22.2 mm



CALCULATION DATA

Basic dynamic load rating	C	19.5 kN
Basic static load rating	C ₀	11.2 kN
Fatigue load limit	P _u	0.475 kN
Limiting speed		3 800 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.52 kg
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MOUNTING INFORMATION

Set screw	G ₂	M6x0.75
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Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 N·m
Recommended diameter for attachment bolts, mm	G	12 mm
Recommended diameter for attachment bolts, inch	G	0.5 in

INCLUDED PRODUCTS

Housing	SYWK 506 Y
Bearing	YAR 206-2RF/VE495

ASSOCIATED PRODUCTS

End cover	ECW 206
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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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