

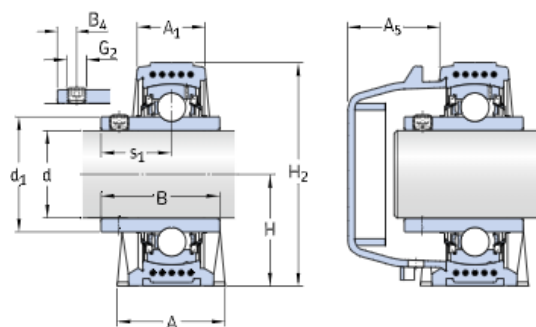
SYWK 20 YTH

Pillow block ball bearing units

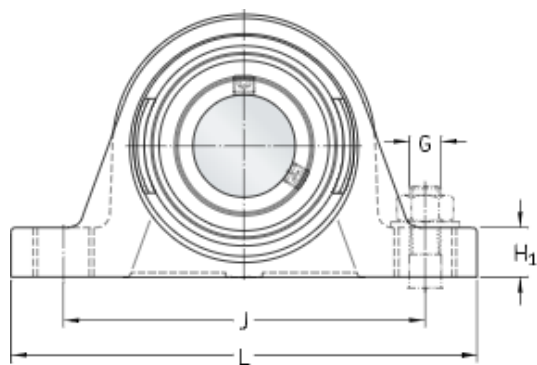
Technical specification

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

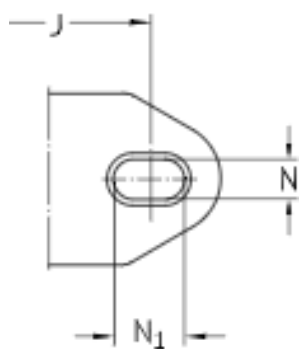
DIMENSIONS



d	20 mm
d ₁	≈ 28.2 mm
A	32 mm
A ₁	21 mm
A ₅	26 mm
B	31 mm
B ₄	4.5 mm
H	33.3 mm
H ₁	16 mm
H ₂	64 mm
J	96.5 mm
J	max. 102 mm
J	min. 91 mm



L	126 mm
N	12 mm
N ₁	17.5 mm
s ₁	18.3 mm



CALCULATION DATA

Basic dynamic load rating	C	10.8 kN
Basic static load rating	C ₀	6.55 kN
Fatigue load limit	P _u	0.28 kN
Limiting speed		5 000 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.27 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	10 mm
Recommended diameter for attachment bolts, inch	G	0.375 in

INCLUDED PRODUCTS

Housing	SYWK 504 Y
Bearing	YAR 204-2RF/HV

ASSOCIATED PRODUCTS

End cover	ECW 204
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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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