

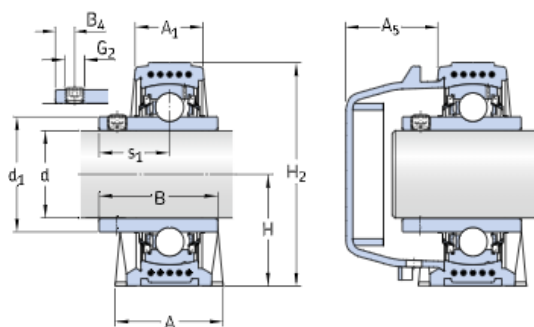
## SYWK 20 YTA

### Pillow block ball bearing units

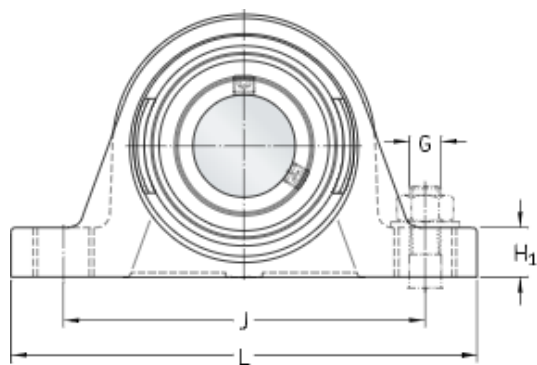
## Technical specification

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

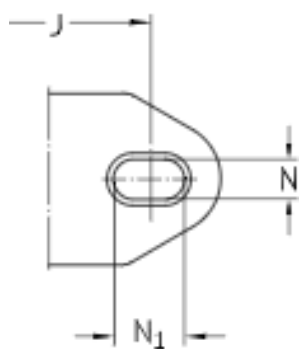
## DIMENSIONS



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



L	126 mm
N	12 mm
N <sub>1</sub>	17.5 mm
s <sub>1</sub>	18.3 mm



## CALCULATION DATA

Basic dynamic load rating	C	12.7 kN
Basic static load rating	C <sub>0</sub>	6.55 kN
Fatigue load limit	P <sub>u</sub>	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 <sub>2</sub>	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/VE495

## 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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