

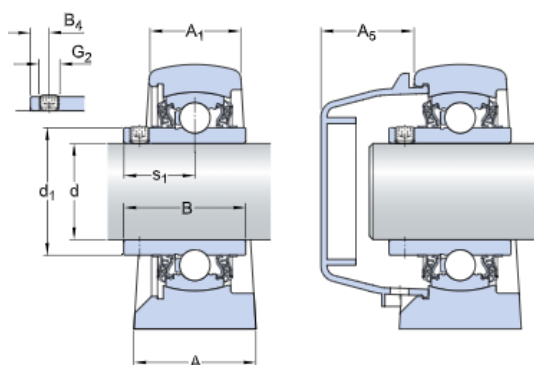
## P2BTSS 30M-YTPSS

Short base pillow block ball bearing units

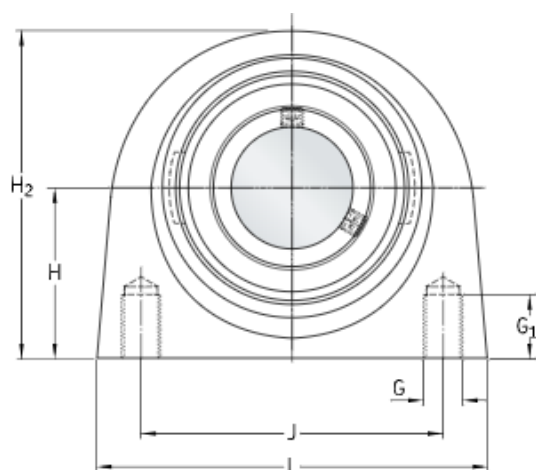
### Technical specification

Compliance with standard	Not standardized
Purpose specific	For food and beverage applications
Housing material	Stainless steel
Sealing solution	Gutter seals and flingers

### DIMENSIONS



d	30 mm
d <sub>1</sub>	≈ 39.7 mm
A	38 mm
A <sub>1</sub>	29 mm
A <sub>5</sub>	29 mm
B	38.1 mm
B <sub>4</sub>	5 mm
H	42.9 mm
H <sub>2</sub>	82.5 mm
J	82.6 mm
L	98.5 mm
s <sub>1</sub>	22.2 mm



## CALCULATION DATA

Basic dynamic load rating	C	16.3 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	1.25 kg
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## MOUNTING INFORMATION

Thread for attachment bolts	G	M10
Thread length	$G_1$	16 mm
Set screw	$G_2$	M6x0.75
Hexagonal key size for set screw	N	3 mm
Recommended tightening torque for set screw		4 N·m

## INCLUDED PRODUCTS

Housing	P2BTSS 506MM-Y
Bearing	YAR 206-2LPW/SS

## ASSOCIATED PRODUCTS

End cover

ECW 206

## 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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