

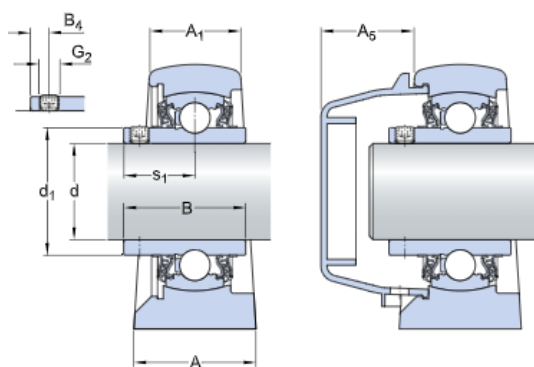
## P2BTSS 40M-YTPSS

### Short base pillow block ball bearing units

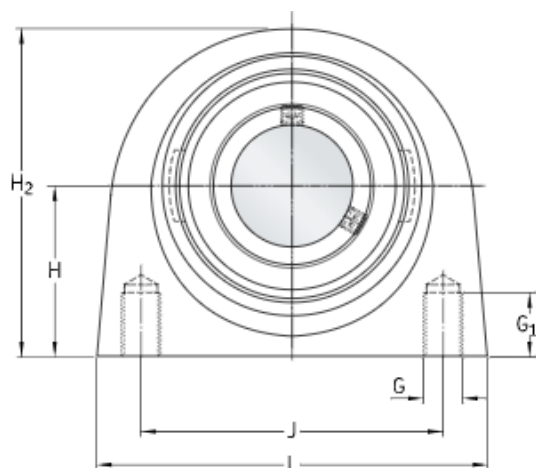
### Technical specification

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

### DIMENSIONS



d	40 mm
d <sub>1</sub>	≈ 51.8 mm
A	41 mm
A <sub>1</sub>	33 mm
A <sub>5</sub>	31.5 mm
B	49.2 mm
B <sub>4</sub>	10 mm
H	49.2 mm
H <sub>2</sub>	100 mm
J	88.9 mm
L	114.5 mm
s <sub>1</sub>	30.2 mm



## CALCULATION DATA

Basic dynamic load rating	C	24.7 kN
Basic static load rating	$C_0$	19 kN
Fatigue load limit	$P_u$	0.8 kN
Limiting speed		2 800 r/min
with shaft tolerance h6		

## MASS

Mass bearing unit	1.9 kg
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## MOUNTING INFORMATION

Thread for attachment bolts	G	M12
Thread length	$G_1$	19 mm
Set screw	$G_2$	M8x1
Hexagonal key size for set screw	N	4 mm
Recommended tightening torque for set screw		6.5 N·m

## INCLUDED PRODUCTS

Housing	P2BTSS 508MM-Y
Bearing	YAR 208-2LPW/SS

## ASSOCIATED PRODUCTS

End cover

ECW 208

## 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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