

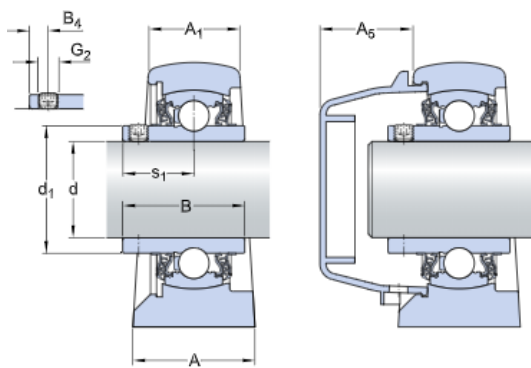
P2BTSS 25M-YTPSS

Short base pillow block ball bearing units

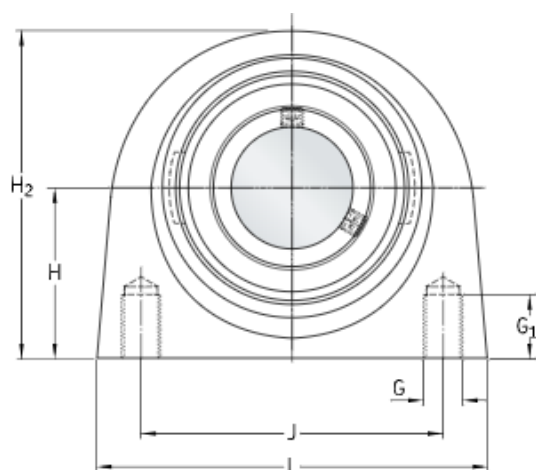
Technical specification

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

DIMENSIONS



d	25 mm
d ₁	≈ 33.74 mm
A	32 mm
A ₁	25 mm
A ₅	24.5 mm
B	34.1 mm
B ₄	5 mm
H	36.5 mm
H ₂	70 mm
J	50.8 mm
L	76 mm
s ₁	19.8 mm



CALCULATION DATA

Basic dynamic load rating	C	11.9 kN
Basic static load rating	C_0	7.8 kN
Fatigue load limit	P_u	0.335 kN
Limiting speed		4 300 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.65 kg
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MOUNTING INFORMATION

Thread for attachment bolts	G	M10
Thread length	G_1	13 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 505MM-Y
Bearing	YAR 205-2LPW/SS

ASSOCIATED PRODUCTS

End cover

ECW 205

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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