



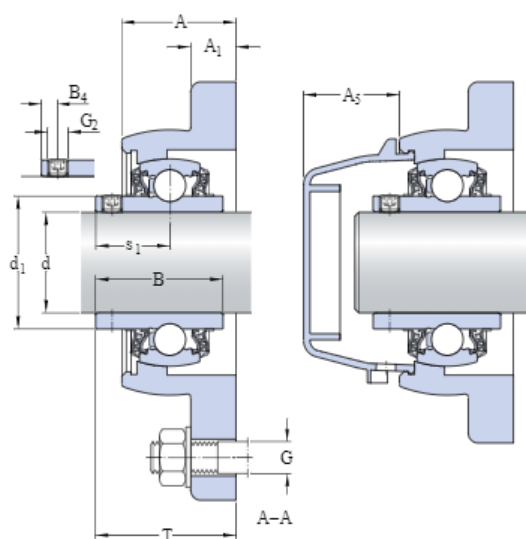
F4BSS 25M-YTPSS

Square flanged ball bearing units

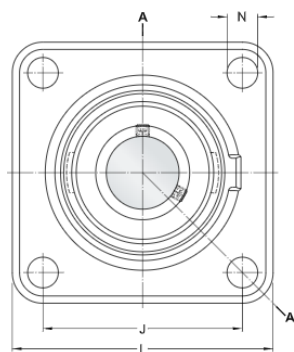
Technical specification

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	29.4 mm
A ₁	13.5 mm
A ₅	24.5 mm
B	34.1 mm
B ₄	5 mm
J	69.9 mm
L	95.3 mm
N	11.5 mm
s ₁	19.8 mm
T	36.5 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	1.05 kg
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MOUNTING INFORMATION

Set screw	G ₂	M6x0.75
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	0.438 in

INCLUDED PRODUCTS

Housing	F4BSS 505-Y
Bearing	YAR 205-2LPW/SS

ASSOCIATED PRODUCTS

End cover

ECW 205

More information

Product details

[Flanged units to ISO standards](#)[Flanged units to North American standards](#)[Flanged units to Japanese Industrial Standards \(JIS\)](#)[Flanged units, not standardized \(SKF Food Line\)](#)[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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