

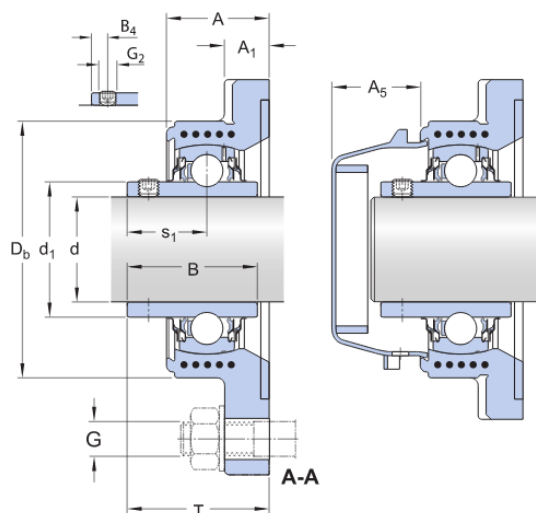


FYWK 25 YTH

Square flanged ball bearing units

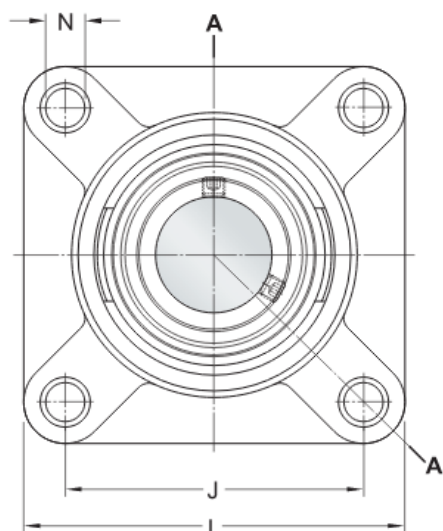
Technical specification

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	25 mm	Bore diameter
d1	≈33.74 mm	Outer diameter inner ring
A	31 mm	Overall width
A ₁	15 mm	Flange width
A ₅	26 mm	Standout of end cover
B	34.1 mm	Width of inner ring
B ₄	5 mm	Distance from locking device side face to thread centre
D _b	65 mm	Top external diameter
J	70 mm	Distance between attachment bolts
L	95 mm	Overall length
N	12.3 mm	Diameter of attachment bolt hole



s_1 19.8
mm

Distance from locking device side face to
raceway centre

T 38.8
mm

Overall unit width

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	0.36 kg
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MOUNTING INFORMATION

Set screw	G_2	M6x0.75
Hexagonal key size for set screw		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	FYWK 505 Y
Bearing	YAR 205-2RF/HV

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 \(SKF Food Line\)](#)[Permissible misalignment](#)[Locating/non-locating support flanged](#)[Loads](#)[Temperature limits](#)[Permissible speed](#)[Lubrication](#)[Mounting and dismounting](#)[Ordering information](#)[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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