

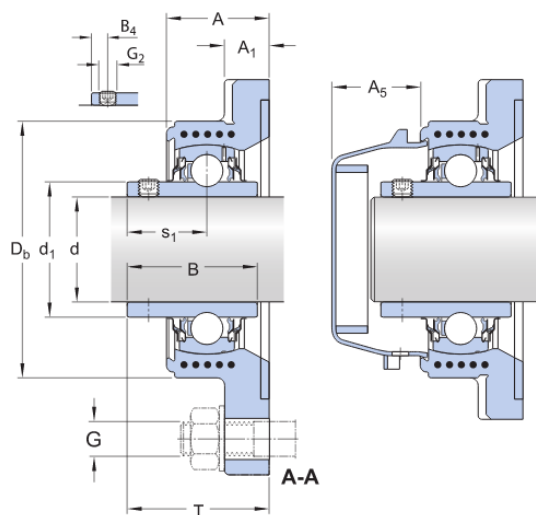


## FYWK 30 YTH

### Square flanged ball bearing units

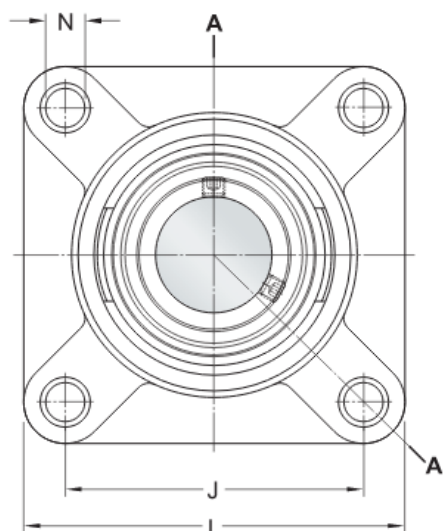
## Technical specification

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	30 mm	Bore diameter
d1	≈39.7 mm	Outer diameter inner ring
A	33 mm	Overall width
A <sub>1</sub>	15.3 mm	Flange width
A <sub>5</sub>	30.5 mm	Standout of end cover
B	38.1 mm	Width of inner ring
B <sub>4</sub>	5 mm	Distance from locking device side face to thread centre
D <sub>b</sub>	78 mm	Top external diameter
J	82.5 mm	Distance between attachment bolts
L	108	Overall length



	mm	
N	12.3 mm	Diameter of attachment bolt hole
s <sub>1</sub>	22.2 mm	Distance from locking device side face to raceway centre
T	42.2 mm	Overall unit width

## CALCULATION DATA

Basic dynamic load rating	C	16.3 kN
Basic static load rating	C <sub>0</sub>	11.2 kN
Fatigue load limit	P <sub>u</sub>	0.475 kN
Limiting speed		3 800 r/min
with shaft tolerance h6		

## MASS

Mass bearing unit	0.54 kg
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## MOUNTING INFORMATION

Set screw	G <sub>2</sub>	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 506 Y
Bearing	YAR 206-2RF/HV

## ASSOCIATED PRODUCTS

End cover

ECW 206

## 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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