

## FYTWK 25 YTA

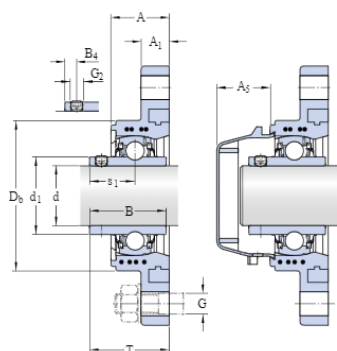
## Oval flanged ball bearing units



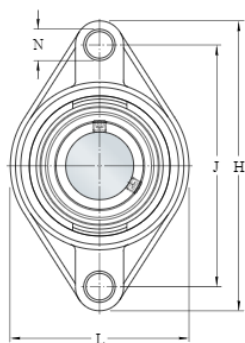
## Technical specification

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
d <sub>1</sub>	≈ 33.74 mm
A	30 mm
A <sub>1</sub>	15 mm
A <sub>5</sub>	26 mm
B	34.1 mm
B <sub>4</sub>	5 mm
D <sub>b</sub>	65 mm
H	124 mm
H <sub>a</sub>	6 mm
J	99 mm
L	70 mm
N	12.3 mm



$s_1$	19.8 mm
T	38.8 mm

## CALCULATION DATA

Basic dynamic load rating	C	14 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	0.31 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	0.375 in

## INCLUDED PRODUCTS

Housing	FYTWK 505 Y
Bearing	YAR 205-2RF/VE495

## 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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