

FYTWK 30 YTH

Oval flanged ball bearing units



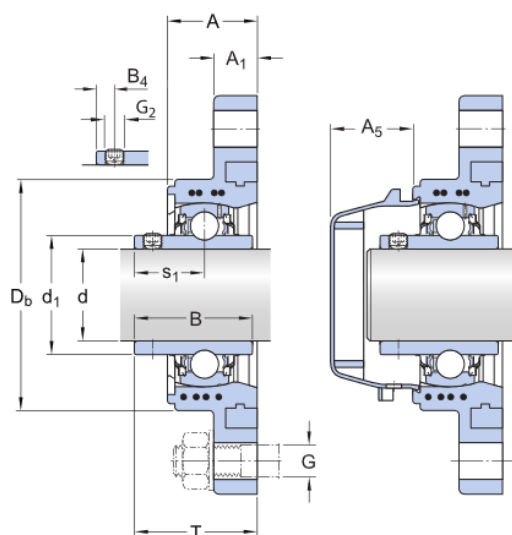
The values depend on the included bearing:

table 1, table 2, table 3,
table 4

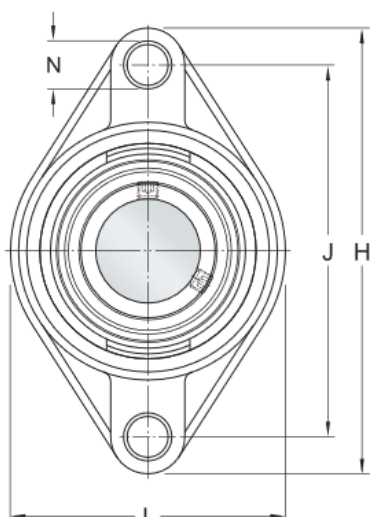
Technical specification

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
d ₁	≈ 39.7 mm	Outer diameter inner ring
A	33 mm	Overall width
A ₁	15 mm	Flange width
A ₅	30.5 mm	Width including end cover
B	38.1 mm	Width of inner ring
B ₄	5 mm	Distance from locking device side face to thread centre
D _b	78 mm	Top external diameter
H	142.5 mm	Overall height
H _a	6 mm	Depth of housing centering recess
J	116.5 mm	Distance between attachment bolts
L	83 mm	Overall length



N	12.3 mm	Diameter of attachment bolt hole
s1	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 ₀	11.2 kN
Fatigue load limit	P _u	0.475 kN
Limiting speed		3 800 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.46 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 Nm
Recommended diameter for attachment bolts, mm	G	10 mm
Recommended diameter for attachment bolts, inch	G	0.375 in

INCLUDED PRODUCTS

Housing	FYTWK 506 Y
Bearing	YAR 206-2RF/HV

ASSOCIATED PRODUCTS

End cover	ECW 206
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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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