

FYTBK 25 TR

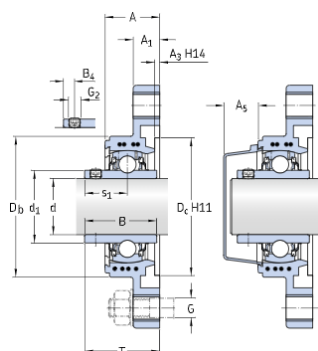
Oval flanged ball bearing units



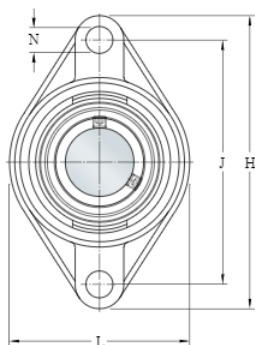
Technical specification

Compliance with standard	ISO
Purpose specific	For material handling applications
Housing material	Composite
Sealing solution	Multiple seals

DIMENSIONS



d	25 mm
d ₁	≈ 33.74 mm
A	30 mm
A ₁	15 mm
A ₃	3.2 mm
A ₅	20 mm
B	34.1 mm
B ₄	5 mm
D _b	65 mm
D _c	63.5 mm
H	124 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	0.29 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	FYTBK 505
Bearing	YAR 205-2RF

ASSOCIATED PRODUCTS

End cover

ECY 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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