

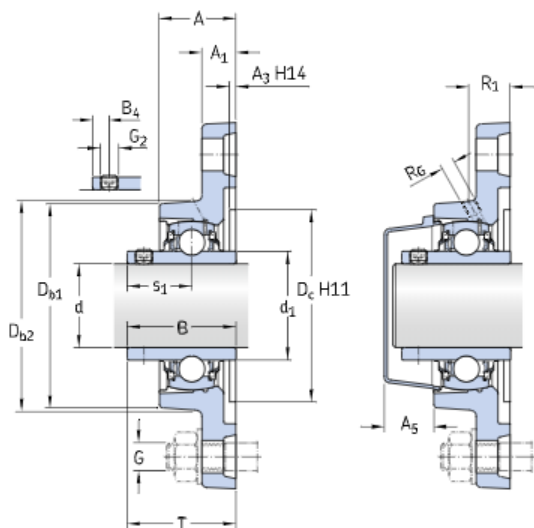
FYTB 25 TR

Oval flanged ball bearing units



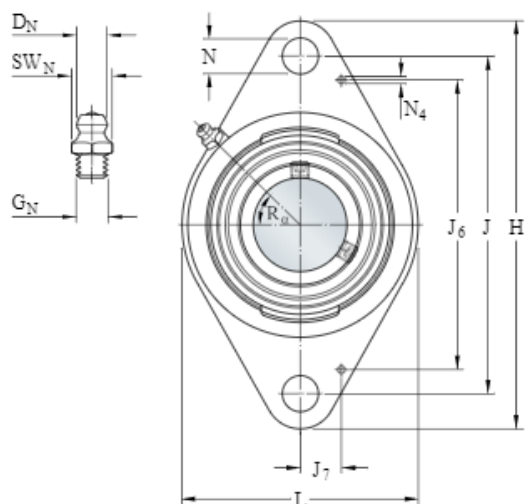
Technical specification

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



DIMENSIONS

d	25 mm
d ₁	≈ 33.74 mm
A	30 mm
A ₁	12 mm
A ₃	3.2 mm
A ₅	20.5 mm
B	34.1 mm
B ₄	5 mm
D _{b1}	65 mm
D _{b2}	70 mm
D _c	63.5 mm
H	124 mm
J	99 mm



L	70 mm
N	11.5 mm
s ₁	19.8 mm
T	38.8 mm

THREADED HOLE

R _G	1/4-28 UNF
R ₁	20.5 mm
R _α	45 °

GREASE FITTING

D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT

DOWEL PINS

J ₆	81 mm
J ₇	12 mm
N ₄	2 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	0.56 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	FYTB 505 M
Bearing	YAR 205-2RF

ASSOCIATED PRODUCTS

End cover	ECY 205
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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 \(SKF Food Line\)](#)[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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