

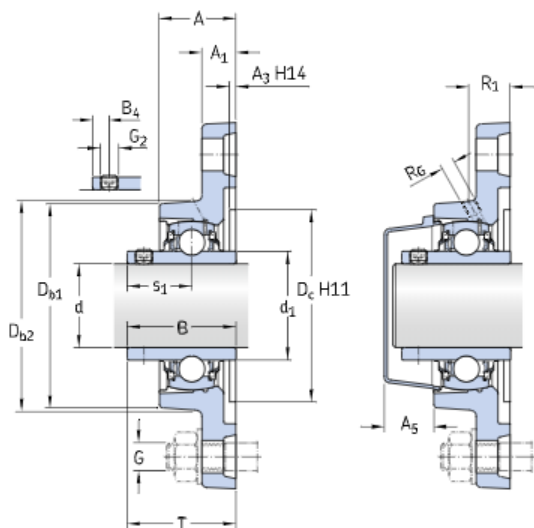
FYTB 35 TR

Oval flanged ball bearing units



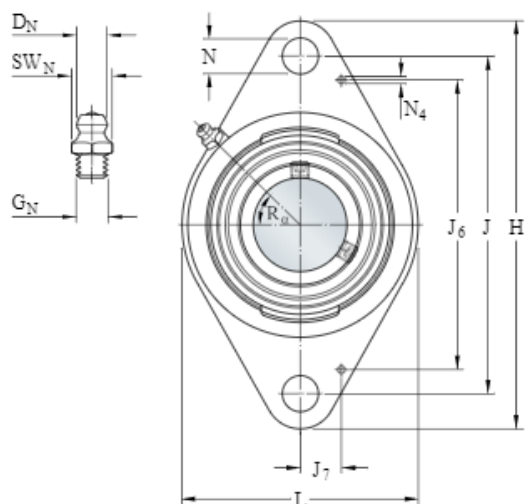
Technical specification

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



DIMENSIONS

d	35 mm
d ₁	≈ 46.1 mm
A	34.5 mm
A ₁	13 mm
A ₃	3.2 mm
A ₅	24.5 mm
B	42.9 mm
B ₄	6 mm
D _{b1}	88 mm
D _{b2}	96 mm
D _c	88.9 mm
H	156 mm
J	130 mm



L	96 mm
N	14 mm
s ₁	25.4 mm
T	46.4 mm

THREADED HOLE

R _G	1/4-28 UNF
R ₁	22 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	106 mm
J ₇	15 mm
N ₄	2 mm

CALCULATION DATA

Basic dynamic load rating	C	25.5 kN
Basic static load rating	C ₀	15.3 kN
Fatigue load limit	P _u	0.655 kN
Limiting speed		3 200 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	1.15 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	12 mm
Recommended diameter for attachment bolts, inch	G	0.5 in

INCLUDED PRODUCTS

Housing	FYTB 507 M
Bearing	YAR 207-2RF

ASSOCIATED PRODUCTS

End cover	ECY 207
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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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