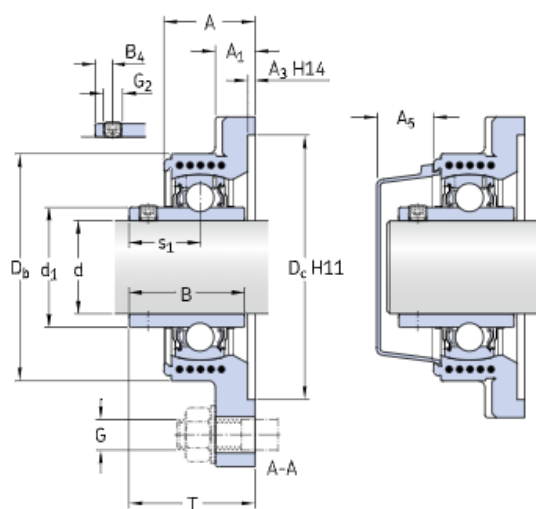


## FYK 35 TF

### Square flanged ball bearing units

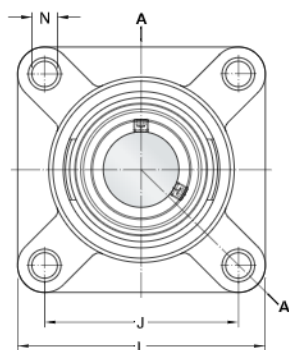
#### Technical specification

Compliance with standard	ISO
Purpose specific	For material handling applications
Housing material	Composite
Sealing solution	Standard seals with additional flingers



#### DIMENSIONS

d	35 mm
d <sub>1</sub>	≈ 46.1 mm
A	35 mm
A <sub>1</sub>	17 mm
A <sub>3</sub>	3.2 mm
A <sub>5</sub>	24 mm
B	42.9 mm
B <sub>4</sub>	6 mm
D <sub>b</sub>	90 mm
D <sub>c</sub>	106.4 mm
J	92 mm
L	118 mm
N	14.8 mm



$s_1$	25.4 mm
T	46.4 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		5 300 r/min
with shaft tolerance h6		

## MASS

Mass bearing unit	0.68 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	FYK 507
Bearing	YAR 207-2F

## ASSOCIATED PRODUCTS

End cover

ECY 207

## 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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