

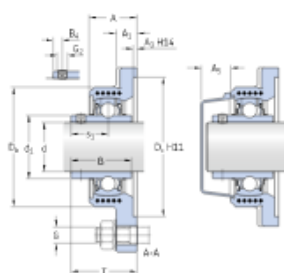
## FYK 30 TF

### Square flanged ball bearing units

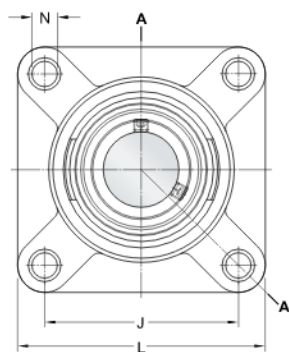
## Technical specification

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

## DIMENSIONS



d	30 mm
d <sub>1</sub>	≈ 39.7 mm
A	33 mm
A <sub>1</sub>	15.3 mm
A <sub>3</sub>	3.2 mm
A <sub>5</sub>	22 mm
B	38.1 mm
B <sub>4</sub>	5 mm
D <sub>b</sub>	78 mm
D <sub>c</sub>	93.7 mm
J	82.5 mm
L	108 mm
N	12.3 mm



$s_1$	22.2 mm
T	42.2 mm

## CALCULATION DATA

Basic dynamic load rating	C	19.5 kN
Basic static load rating	$C_0$	11.2 kN
Fatigue load limit	$P_u$	0.475 kN
Limiting speed		6300 r/min
with shaft tolerance h6		

## MASS

Mass bearing unit	0.48 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	FYK 506
Bearing	YAR 206-2F

## ASSOCIATED PRODUCTS

End cover

ECY 206

## 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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