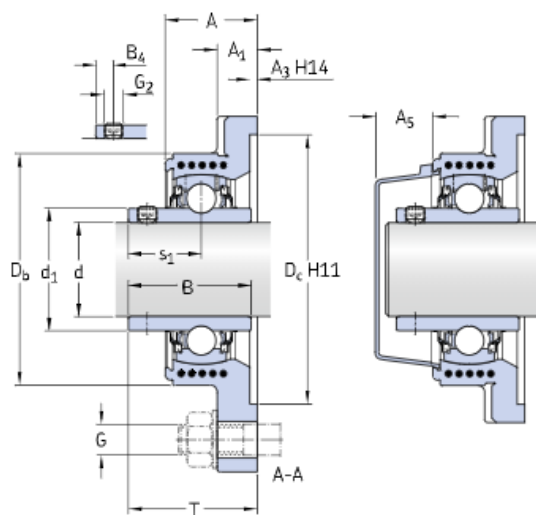


FYK 20 TR

Square flanged ball bearing units

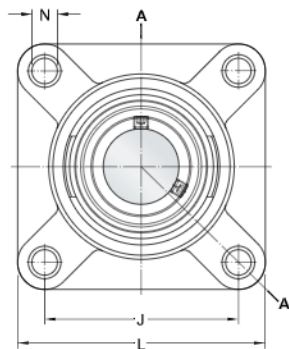
Technical specification

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



DIMENSIONS

d	20 mm
d ₁	≈ 28.2 mm
A	30 mm
A ₁	15 mm
A ₃	3.2 mm
A ₅	20 mm
B	31 mm
B ₄	4.5 mm
D _b	59 mm
D _c	68.3 mm
J	63.5 mm
L	86 mm
N	12.3 mm



s_1	18.3 mm
T	37.3 mm

CALCULATION DATA

Basic dynamic load rating	C	12.7 kN
Basic static load rating	C_0	6.55 kN
Fatigue load limit	P_u	0.28 kN
Limiting speed		5 000 r/min
with shaft tolerance h6		

MASS

Mass bearing unit	0.27 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 504
Bearing	YAR 204-2RF

ASSOCIATED PRODUCTS

End cover

ECY 204

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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