

32022 X

Popular item
SKF Explorer

Tapered roller bearings, single row

Bearing data

Tolerances,

Normal and CL7C, CLN, Normal and CL, deviating width

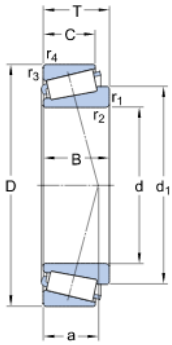
Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

Dimension series	4DC

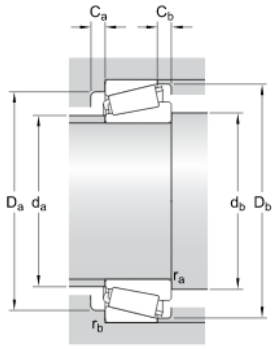


DIMENSIONS

d	110 mm
D	170 mm
T	38 mm
	≈ 140.9 mm
B	38 mm
C	29 mm
	min. 2.5 mm
	min. 2 mm
a	36.074 mm

ABUTMENT DIMENSIONS

	max. 123 mm
	min. 122.5 mm
	min. 152 mm
	max. 159.5 mm



	min. 163 mm
	min. 7 mm
	min. 9 mm
	max. 2.5 mm
	max. 2 mm

CALCULATION DATA

Basic dynamic load rating	C	288 kN
Basic static load rating		390 kN
Fatigue load limit		40 kN
Reference speed		3000 r/min
Limiting speed		3600 r/min
Calculation factor	e	0.43
Calculation factor	Y	1.4
Calculation factor		0.8

MASS

Mass bearing	3.07 kg

More information

Product details

- Designs and variants
- Bearing data
- Loads
- Temperature limits
- Permissible speed
- Design considerations
- Bearing designations
- Designation system

Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing failure and how to prevent it

Tools

- SimPro Quick
- Bearing Select
- Engineering Calculator
- LubeSelect for SKF greases
- Heater Selection Tool
- Oil Injection Method Program
- skf.com/mount

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