



# 320/22 X

Popular item  
SKF Explorer

## Tapered roller bearings, single row

### Bearing data

[Tolerances,](#)

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

### Bearing interfaces

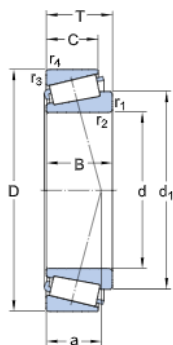
[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

## Technical specification

Dimension series

3CC

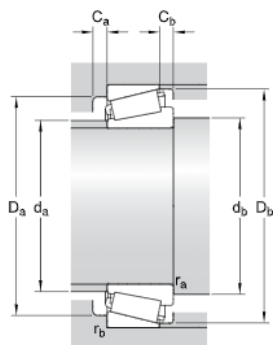


### DIMENSIONS

d	22 mm
D	44 mm
T	15 mm
	≈ 34.3 mm
B	15 mm
C	11.5 mm
	min. 0.6 mm
	min. 0.6 mm
a	10.68 mm

### ABUTMENT DIMENSIONS

	max. 27 mm
	min. 27.5 mm
	min. 38 mm
	max. 39 mm



min. 41 mm

min. 3 mm

min. 3.5 mm

max. 0.6 mm

max. 0.6 mm

## CALCULATION DATA

Basic dynamic load rating	C	30.9 kN
Basic static load rating		29 kN
Fatigue load limit		2.85 kN
Reference speed		13000 r/min
Limiting speed		15000 r/min
Calculation factor	e	0.4
Calculation factor	Y	1.5
Calculation factor		0.8

## MASS

Mass bearing	0.1 kg
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## More information

Product details	Engineering information	Tools
<a href="#">Designs and variants</a>	<a href="#">Principles of rolling bearing selection</a>	<a href="#">SimPro Quick</a>
<a href="#">Bearing data</a>	<a href="#">General bearing knowledge</a>	<a href="#">Bearing Select</a>
<a href="#">Loads</a>	<a href="#">Bearing selection process</a>	<a href="#">Engineering Calculator</a>
<a href="#">Temperature limits</a>	<a href="#">Bearing failure and how to prevent it</a>	<a href="#">LubeSelect for SKF greases</a>
<a href="#">Permissible speed</a>		<a href="#">Heater Selection Tool</a>
<a href="#">Design considerations</a>		<a href="#">Oil Injection Method Program</a>
<a href="#">Bearing designations</a>		<a href="#">skf.com/mount</a>
<a href="#">Designation system</a>		

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