

# L 476549 AX/510

## Tapered roller bearings, single row

### Bearing data

#### [Tolerances,](#)

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

### Bearing interfaces

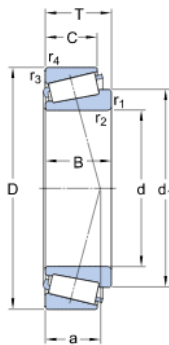
#### [Seat tolerances for standard conditions,](#)

#### [Tolerances and resultant fit](#)

## Technical specification

Dimension series

L 476500

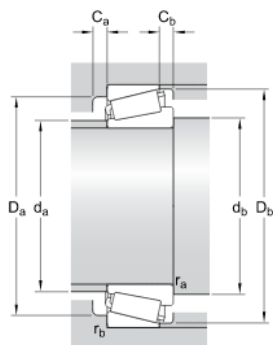


## DIMENSIONS

d	549.199 mm
D	692.15 mm
T	80.963 mm
d <sub>1</sub>	≈ 615.5 mm
B	80.963 mm
C	61.913 mm
r <sub>1,2</sub>	min. 6.4 mm
r <sub>3,4</sub>	min. 6.4 mm
a	113 mm

## ABUTMENT DIMENSIONS

d <sub>a</sub>	max. 583 mm
d <sub>b</sub>	min. 581 mm
D <sub>a</sub>	min. 646 mm
D <sub>a</sub>	max. 660 mm



$D_b$	min. 667 mm
$C_a$	min. 13 mm
$C_b$	min. 19 mm
$r_a$	max. 6 mm
$r_b$	max. 6 mm

## CALCULATION DATA

Basic dynamic load rating	$C$	1340 kN
Basic static load rating	$C_0$	3450 kN
Fatigue load limit	$P_u$	255 kN
Reference speed		530 r/min
Limiting speed		1100 r/min
Calculation factor	$e$	0.37
Calculation factor	$Y$	1.6
Calculation factor	$Y_0$	0.9

## MASS

Mass bearing	67 kg
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## More information

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

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