

# L 476549/510

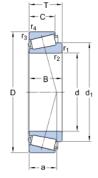
## Tapered roller bearings, single row

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	549.275 mm
D	692.15 mm
Т	80.963 mm
d <sub>1</sub>	≈ 615.5 mm
В	80.963 mm
С	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



min. 667 mm

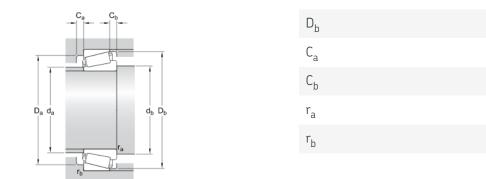
min. 8 mm

min. 19 mm

max. 6 mm

max. 6 mm





## CALCULATION DATA

Basic dynamic load rating	С	1340 kN
Basic static load rating	C <sub>0</sub>	3450 kN
Fatigue load limit	P <sub>u</sub>	250 kN
Reference speed		530 r/min
Limiting speed		700 r/min
Calculation factor	е	0.37
Calculation factor	Y	1.6
Calculation factor	Y <sub>0</sub>	0.9

## MASS

Mass bearing	67 kg
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## More information

Product details	Product details	Engineering i	nforn Eanlajonneering ir	formatidan	Tools
Designs and variants Bearing data Loads Tempera ture limits Permissi ble speed Design c onsiderati ons Bearing designati ons Designati on system	Designs and variants Bearing data Loads Tempera ture limits Permissi ble speed Design c onsiderati ons Bearing designati ons Designati on system	Principles of rolling bearing selection General bearing k nowledge Bearing selection process Bearing failure and how to prevent it	Principles of rolling bearing selection General bearing k nowledge Bearing selection process Bearing failure and how to prevent it	SimPro Quick Bearing Select Engineer ing Calcul ator LubeSele ct for SKF greases Heater Selection Tool Oil Injection Method Program skf.com/ mount	SimPro Quick Bearing Select Engineer ing Calcul ator LubeSele ct for SKF greases Heater Selection Tool Oil Injection Method Program skf.com/ mount



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