# M 349547/510

## 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

M 349500

## Technical specification

**Dimension series** 

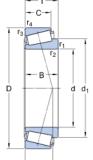
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### DIMENSIONS

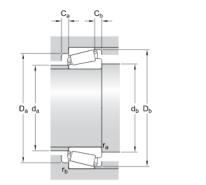
d	255.6 mm
D	342.9 mm
Т	57.15 mm
d <sub>1</sub>	≈ 296.8 mm
В	63.5 mm
С	44.45 mm
r <sub>1,2</sub>	min. 1.5 mm
r <sub>3,4</sub>	min. 3.3 mm
a	59.47 mm

#### ABUTMENT DIMENSIONS

d <sub>a</sub>	max. 273 mm
d <sub>b</sub>	min. 269 mm
D <sub>a</sub>	min. 318 mm
D <sub>a</sub>	max. 327 mm







D <sub>b</sub>	min. 331 mm
C <sub>a</sub>	min. 9 mm
C <sub>b</sub>	min. 12.5 mm
r <sub>a</sub>	max. 1.5 mm
r <sub>b</sub>	max. 3.3 mm

## CALCULATION DATA

Basic dynamic load rating	С	698 kN
Basic static load rating	C <sub>0</sub>	1400 kN
Fatigue load limit	Pu	125 kN
Reference speed		1200 r/min
Limiting speed		1600 r/min
Calculation factor	е	0.35
Calculation factor	Υ	1.7
Calculation factor	Y <sub>0</sub>	0.9

## MASS

Mass bearing	14.8 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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