



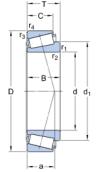
# BT1B 332973

## 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



### DIMENSIONS

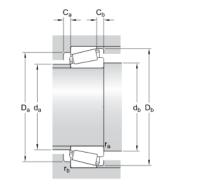
d	260 mm
D	540 mm
Т	109 mm
d <sub>1</sub>	≈ 376.7 mm
В	102 mm
С	80 mm
r <sub>1,2</sub>	min. 6 mm
r <sub>3,4</sub>	min. 6 mm
a	93 mm

### ABUTMENT DIMENSIONS

d <sub>a</sub>	max. 325 mm
d <sub>b</sub>	min. 286 mm
D <sub>a</sub>	min. 463 mm
D <sub>a</sub>	max. 514 mm







D <sub>b</sub>	min. 493 mm
C <sub>a</sub>	min. 18 mm
C <sub>b</sub>	min. 29 mm
r <sub>a</sub>	max. 5 mm
r <sub>b</sub>	max. 5 mm

## CALCULATION DATA

Basic dynamic load rating	С	2120 kN
Basic static load rating	C <sub>0</sub>	3050 kN
Fatigue load limit	Pu	250 kN
Reference speed		850 r/min
Limiting speed		1300 r/min
Calculation factor	е	0.35
Calculation factor	Y	1.7
Calculation factor	Y <sub>0</sub>	0.9

## MASS

Mass bearing	107 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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