

566/563

SKF Explorer

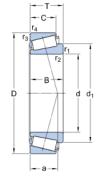
# Tapered roller bearings, single row

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

565



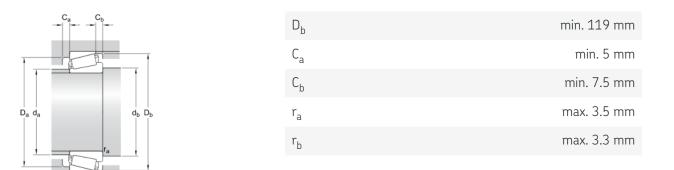
## DIMENSIONS

d	69.85 mm
D	127 mm
Т	36.512 mm
d <sub>1</sub>	≈ 97.6 mm
В	36.17 mm
С	28.575 mm
r <sub>1,2</sub>	min. 3.5 mm
r <sub>3,4</sub>	min. 3.3 mm
a	28.152 mm

## ABUTMENT DIMENSIONS

d <sub>a</sub>	max. 83 mm
d <sub>b</sub>	min. 83.5 mm
D <sub>a</sub>	min. 109 mm
D <sub>a</sub>	max. 115 mm





## CALCULATION DATA

Basic dynamic load rating	С	217 kN
Basic static load rating	C <sub>O</sub>	255 kN
Fatigue load limit	Pu	29 kN
Reference speed		4300 r/min
Limiting speed		5000 r/min
Calculation factor	е	0.37
Calculation factor	Y	1.6
Calculation factor	Y <sub>0</sub>	0.9

## MASS

Mass bearing	1.97 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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