

32220 Popular item

SKF Explorer

Tapered roller bearings, single row

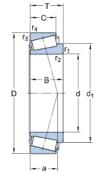
Bearing data

Tolerances, Normal and CL7C, CLN, Normal and CL, deviating width Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

Dimension series

Technical specification

3FC



DIMENSIONS

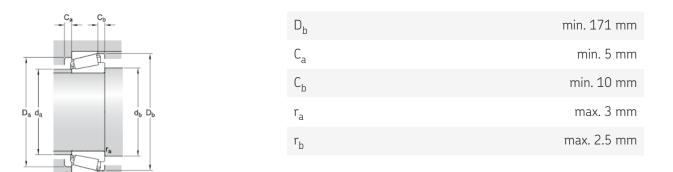
d	100 mm
D	180 mm
Т	49 mm
d ₁	≈ 136.48 mm
В	46 mm
С	39 mm
r _{1,2}	min. 3 mm
r _{3,4}	min. 2.5 mm
a	40.981 mm

ABUTMENT DIMENSIONS

d _a	max. 115 mm
d _b	min. 113.5 mm
D _a	min. 154 mm
D _a	max. 168.5 mm







CALCULATION DATA

Basic dynamic load rating	С	390 kN
Basic static load rating	C ₀	440 kN
Fatigue load limit	Pu	48 kN
Reference speed		3 000 r/min
Limiting speed		3 600 r/min
Calculation factor	е	0.43
Calculation factor	Y	1.4
Calculation factor	Y ₀	0.8

MASS

Mass bearing	4.93 kg
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More information

oduct details	Engineering information	Tools
lesigns and variants	Principles of rolling bearing selection	SimPro Quick
earing data	General bearing knowledge	Bearing Select
oads	Bearing selection process	Engineering Calculator
emperature limits	Bearing failure and how to	LubeSelect for SKF greases
ermissible speed	prevent it	Heater Selection Tool
esign considerations		Oil Injection Method
earing designations		Program skf.com/mount
esignation system		



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