



32222 Popular item

SKF Explorer

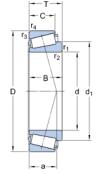
Tapered roller bearings, single row

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

Technical specification

Dimension series

3FC



DIMENSIONS

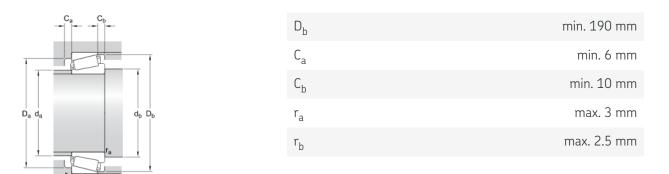
d	110 mm
D	200 mm
Т	56 mm
d ₁	≈ 151.53 mm
В	53 mm
С	46 mm
r _{1,2}	min. 3 mm
r _{3,4}	min. 2.5 mm
a	46.367 mm

ABUTMENT DIMENSIONS

d _a	max. 127 mm
d _b	min. 124 mm
D _a	min. 170 mm
D _a	max. 188 mm







CALCULATION DATA

Basic dynamic load rating	С	491 kN
Basic static load rating	C ₀	570 kN
Fatigue load limit	P _u	61 kN
Reference speed		2600 r/min
Limiting speed		3200 r/min
Calculation factor	е	0.43
Calculation factor	Y	1.4
Calculation factor	Y ₀	0.8

MASS

Mass bearing	7.09 kg
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More information

roduct details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	SimPro Quick
Bearing data	General bearing knowledge	Bearing Select
Loads	Bearing selection process	Engineering Calculator
Temperature limits	Bearing failure and how to	LubeSelect for SKF greases
Permissible speed	prevent it	Heater Selection Tool
Design considerations		Oil Injection Method
Bearing designations		Program
Designation system		



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