



30211

Popular item SKF Explorer

Tapered roller bearings, single row

Bearing data

Tolerances,

Normal and CL7C, CLN, Normal and CL, deviating width

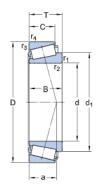
Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

Dimension series 3DB



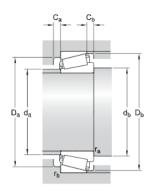
DIMENSIONS

d	55 mm
D	100 mm
Т	22.75 mm
d_1	≈ 74.7 mm
В	21 mm
С	18 mm
r _{1,2}	min. 2 mm
r _{3,4}	min. 1.5 mm
a	20.251 mm

ABUTMENT DIMENSIONS

d_a	max. 64 mm
d_b	min. 65 mm
D _a	min. 88 mm
D_a	max. 92 mm





D_b	min. 94 mm
C_a	min. 4 mm
C_b	min. 4.5 mm
r _a	max. 2 mm
r_b	max. 1.5 mm

CALCULATION DATA

Basic dynamic load rating	С	111 kN
Basic static load rating	C_0	106 kN
Fatigue load limit	P_{u}	12 kN
Reference speed		5 300 r/min
Limiting speed		6 700 r/min
Calculation factor	е	0.4
Calculation factor	Υ	1.5
Calculation factor	Y ₀	0.8

MASS

Mass bearing	0.7 kg
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More information

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





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