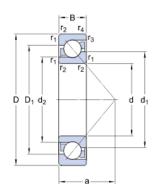


# Technical specification



# 7322 BECCM

SKF Explorer

# Angular contact ball bearings, single row

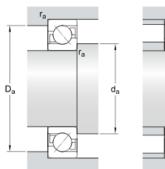
Bearing data Tolerances, Normal (metric), P6, P5, Normal (inch), Internal clearance, CA+CB+CC, G, Preload, GA+GB+GC Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

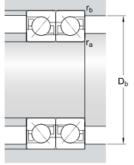
### DIMENSIONS

d	110 mm
D	240 mm
В	50 mm
d <sub>1</sub>	≈ 160.8 mm
d <sub>2</sub>	≈ 134.98 mm
D <sub>1</sub>	≈ 193.5 mm
a	99 mm
r <sub>1,2</sub>	min. 3 mm
r <sub>3,4</sub>	min. 1.1 mm



d <sub>a</sub>	min. 124 mm
D <sub>a</sub>	max. 226 mm
D <sub>b</sub>	max. 233 mm
r <sub>a</sub>	max. 2.5 mm
r <sub>b</sub>	max. 1 mm







### CALCULATION DATA

Basic dynamic load rating	С	240 kN
Basic static load rating	C <sub>0</sub>	245 kN
Fatigue load limit	Pu	7.8 kN
Reference speed		3400 r/min
Limiting speed		4500 r/min
Calculation factor	А	0.906
Calculation factor	k <sub>r</sub>	0.1
Calculation factor	е	1.14

## SINGLE BEARING OR BEARING PAIR ARRANGED IN TANDEM

Calculation factor	Х	0.35
Calculation factor	Y <sub>0</sub>	0.26
Calculation factor	Y <sub>2</sub>	0.57

## BEARING PAIR ARRANGED BACK-TO-BACK OR FACE-TO-FACE

Calculation factor	Х	0.57
Calculation factor	Y <sub>0</sub>	0.52
Calculation factor	Y <sub>1</sub>	0.55
Calculation factor	Y <sub>2</sub>	0.93

## MASS

Mass bearing 1	0 kg
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#### More information

Product details

Designs and variants

Bearing data

Loads

Temperature limits

Permissible speed

Design considerations

Designation system

Engineering information

Principles of rolling bearing selection

General bearing knowledge

Bearing selection process

Bearing interfaces

Seat tolerances for standard conditions

Selecting internal clearance or preload

Lubrication

Sealing, mounting and dismounting

Bearing failure and how to prevent it

Tools

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SimPro Quick

Engineering Calculator

LubeSelect for SKF greases

Heater selection tool

Rolling bearings mounting and dismounting instructions



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