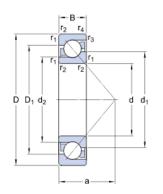


Technical specification



7321 BECBM

Popular item SKF Explorer

Angular contact ball bearings, single row

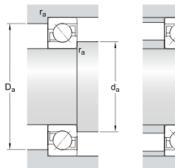
Bearing data Tolerances, Normal (metric), P6, P5, Normal (inch), Internal clearance, CA+CB+CC, G, Preload, GA+GB+GC Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

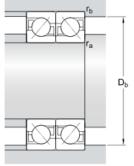
DIMENSIONS

d	105 mm
D	225 mm
В	49 mm
d ₁	≈ 151.65 mm
d ₂	≈ 127.87 mm
D ₁	≈ 181.35 mm
a	94 mm
r _{1,2}	min. 3 mm
r _{3,4}	min. 1.1 mm



d _a	min. 119 mm
D _a	max. 211 mm
D _b	max. 218 mm
r _a	max. 2.5 mm
r _b	max. 1 mm







CALCULATION DATA

Basic dynamic load rating	С	216 kN
Basic static load rating	C ₀	208 kN
Fatigue load limit	P _u	6.95 kN
Reference speed		3600 r/min
Limiting speed		4800 r/min
Calculation factor	А	0.669
Calculation factor	k _r	0.1
Calculation factor	е	1.14

SINGLE BEARING OR BEARING PAIR ARRANGED IN TANDEM

Calculation factor	Х	0.35
Calculation factor	Y ₀	0.26
Calculation factor	Y ₂	0.57

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

Calculation factor	Х	0.57
Calculation factor	Y ₀	0.52
Calculation factor	Y ₁	0.55
Calculation factor	Y ₂	0.93

MASS

Mass bearing	8.55 kg
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More information

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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

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Sealing, mounting and dismounting

Bearing failure and how to prevent it

Tools

Bearing Select

SimPro Quick

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LubeSelect for SKF greases

Heater selection tool

Rolling bearings mounting and dismounting instructions



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