

3217 A

Popular item

Angular contact ball bearings, double row

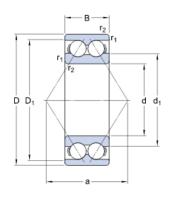
Bearing data Tolerances, Normal, P6, P5, Internal clearance,

table, drawing no

Bearing interfaces Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

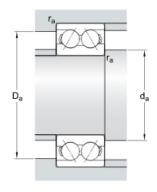


DIMENSIONS

d	85 mm
D	150 mm
В	49.2 mm
d_1	≈ 103.73 mm
D_1	≈ 135.19 mm
r _{1,2}	min. 2 mm
a	88 mm

ABUTMENT DIMENSIONS

d_a	min. 96 mm
D_a	max. 139 mm
r _a	max. 2 mm





CALCULATION DATA

Basic dynamic load rating	С	124 kN
Basic static load rating	C_0	110 kN
Fatigue load limit	P_{u}	4.4 kN
Reference speed		4500 r/min
Limiting speed		3800 r/min
Calculation factor	k _r	0.06
Calculation factor	е	0.8
Calculation factor	X	0.63
Calculation factor	Y_0	0.66
Calculation factor	Y_1	0.78
Calculation factor	Y ₂	1.24

MASS

Mass bearing	3.4 kg
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More information

Designs and variants

Bearing data

Loads

Temperature limits

Permissible speed

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

Bearing Select

SimPro Quick

Engineering Calculator

LubeSelect for SKF greases

Heater selection tool

Rolling bearings mounting and dismounting instructions





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