# SKF.

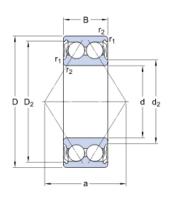


# 3207 A-2Z

Popular item SKF Explorer

# Angular contact ball bearings, double row

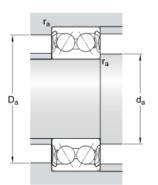
Bearing data Tolerances, Normal, P6, P5, Internal clearance, table, drawing no Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit



Technical specification

## DIMENSIONS

d	35 mm
D	72 mm
В	27 mm
d <sub>2</sub>	≈ 45.4 mm
D <sub>2</sub>	≈ 63.85 mm
r <sub>1,2</sub>	min. 1.1 mm
a	42 mm



# ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 42 mm
d <sub>a</sub>	max. 45 mm
D <sub>a</sub>	max. 65 mm
r <sub>a</sub>	max. 1 mm



## CALCULATION DATA

Basic dynamic load rating	С	40.5 kN
Basic static load rating	C <sub>0</sub>	30 kN
Fatigue load limit	Pu	1.27 kN
Reference speed		9000 r/min
Limiting speed		9000 r/min
Calculation factor	k <sub>r</sub>	0.06
Calculation factor	e	0.8
Calculation factor	Х	0.63
Calculation factor	Y <sub>0</sub>	0.66
Calculation factor	Y <sub>1</sub>	0.78
Calculation factor	Y <sub>2</sub>	1.24

### MASS

Mass bearing	0.44 kg
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### More information

Product details

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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