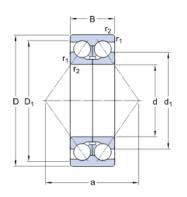
# SKF.



# Technical specification



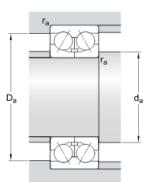


# Angular contact ball bearings, double row

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



d	55 mm
D	120 mm
В	49.2 mm
d <sub>1</sub>	≈ 81.4 mm
D <sub>1</sub>	≈ 104.4 mm
r <sub>1,2</sub>	min. 2 mm
a	114 mm



## ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 66 mm
D <sub>a</sub>	max. 109 mm
r <sub>a</sub>	max. 2 mm



## CALCULATION DATA

Basic dynamic load rating	С	111 kN
Basic static load rating	C <sub>O</sub>	100 kN
Fatigue load limit	P <sub>u</sub>	4.3 kN
Reference speed		6000 r/min
Limiting speed		5000 r/min
Calculation factor	k <sub>r</sub>	0.095
Calculation factor	е	1.34
Calculation factor	Х	0.54
Calculation factor	Υ <sub>0</sub>	0.44
Calculation factor	Y <sub>1</sub>	0.47
Calculation factor	Y <sub>2</sub>	0.81

## MASS

Mass bearing	2.82 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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