



## 3310 DMA

Popular item

### Angular contact ball bearings, double row

#### Bearing data

[Tolerances](#),

Normal, P6, P5,

[Internal clearance](#),

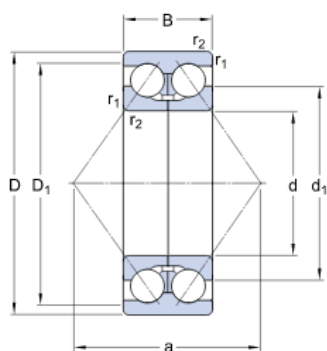
table, drawing no

#### Bearing interfaces

[Seat tolerances for standard conditions](#),

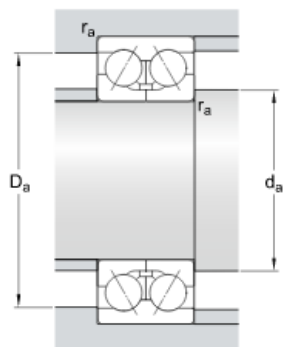
[Tolerances and resultant fit](#)

### Technical specification



#### DIMENSIONS

d	50 mm
D	110 mm
B	44.4 mm
d <sub>1</sub>	≈ 76.5 mm
D <sub>1</sub>	≈ 94.2 mm
r <sub>1,2</sub>	min. 2 mm
a	102 mm



#### ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 61 mm
D <sub>a</sub>	max. 99 mm
r <sub>a</sub>	max. 2 mm

## CALCULATION DATA

Basic dynamic load rating	C	93.6 kN
Basic static load rating	C <sub>0</sub>	85 kN
Fatigue load limit	P <sub>u</sub>	3.6 kN
Reference speed		6700 r/min
Limiting speed		5600 r/min
Calculation factor	k <sub>r</sub>	0.095
Calculation factor	e	1.34
Calculation factor	X	0.54
Calculation factor	Y <sub>0</sub>	0.44
Calculation factor	Y <sub>1</sub>	0.47
Calculation factor	Y <sub>2</sub>	0.81

## MASS

Mass bearing		2.2 kg
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## More information

Product details	Engineering information	Tools
<a href="#">Designs and variants</a>	<a href="#">Principles of rolling bearing selection</a>	<a href="#">Bearing Select</a>
<a href="#">Bearing data</a>	<a href="#">General bearing knowledge</a>	<a href="#">SimPro Quick</a>
<a href="#">Loads</a>	<a href="#">Bearing selection process</a>	<a href="#">Engineering Calculator</a>
<a href="#">Temperature limits</a>	<a href="#">Bearing interfaces</a>	<a href="#">LubeSelect for SKF greases</a>
<a href="#">Permissible speed</a>	<a href="#">Seat tolerances for standard conditions</a>	<a href="#">Heater selection tool</a>
<a href="#">Designation system</a>	<a href="#">Selecting internal clearance or preload</a>	<a href="#">Rolling bearings mounting and dismounting instructions</a>
	<a href="#">Lubrication</a>	
	<a href="#">Sealing, mounting and dismounting</a>	
	<a href="#">Bearing failure and how to prevent it</a>	

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