



## 3215 A Angular contact ball bearings, double row

Popular item

### Angular contact ball bearings, double row

#### Bearing data

[Tolerances](#),

Normal, P6, P5,

[Internal clearance](#),

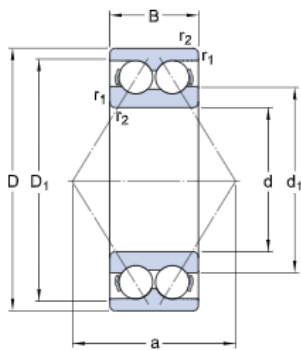
table, drawing no

#### Bearing interfaces

[Seat tolerances for standard conditions](#),

[Tolerances and resultant fit](#)

## Technical specification

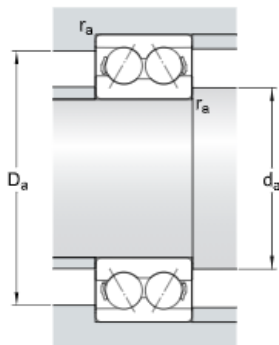


### DIMENSIONS

d	75 mm
D	130 mm
B	41.3 mm
$d_1$	≈ 92.04 mm
$D_1$	≈ 111.49 mm
$r_{1,2}$	min. 1.5 mm
a	77 mm

### ABUTMENT DIMENSIONS

$d_a$	min. 84 mm
$D_a$	max. 121 mm
$r_a$	max. 1.5 mm



## CALCULATION DATA

Basic dynamic load rating	C	95.6 kN
Basic static load rating	C <sub>0</sub>	88 kN
Fatigue load limit	P <sub>u</sub>	3.75 kN
Reference speed		5 300 r/min
Limiting speed		4 500 r/min
Calculation factor	k <sub>r</sub>	0.06
Calculation factor	e	0.8
Calculation factor	X	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		2.1 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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