



# 6210-2RS1

SKF Explorer

## Deep groove ball bearings

### Bearing data

[Tolerances,](#)

Normal (metric), P6, P5, Normal (inch),

[Radial internal clearance,](#)

Matched bearing pairs, Stainless steel

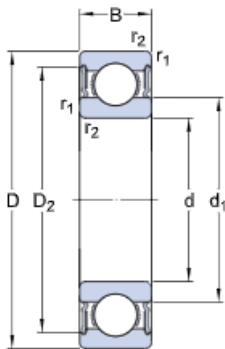
$d < 10$  mm, Other bearings

### Bearing interfaces

[Seat tolerances for standard conditions,](#)

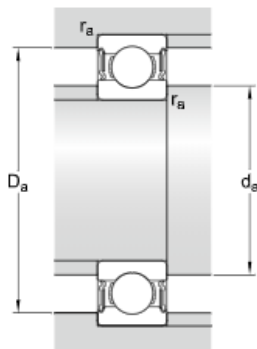
[Tolerances and resultant fits](#)

## Technical specification



### DIMENSIONS

d	50 mm
D	90 mm
B	20 mm
	≈ 62.51 mm
	≈ 81.61 mm
	min. 1.1 mm



### ABUTMENT DIMENSIONS

	min. 57 mm
	max. 62.4 mm
	max. 83 mm
	max. 1 mm

## CALCULATION DATA

Basic dynamic load rating	C	37.1 kN
Basic static load rating		23.2 kN
Fatigue load limit		0.98 kN
Limiting speed		4800 r/min
Calculation factor		0.025
Calculation factor		14.4

## MASS

Mass bearing	0.47 kg
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## More information

<p>Product details</p> <p><a href="#">Single row deep groove ball bearings</a></p> <hr/> <p><a href="#">Stainless steel deep groove ball bearings</a></p> <hr/> <p><a href="#">Single row deep groove ball bearings with filling slots</a></p> <hr/> <p><a href="#">Double row deep groove ball bearings</a></p> <hr/> <p><a href="#">Bearing data</a></p> <hr/> <p><a href="#">Loads</a></p> <hr/> <p><a href="#">Temperature limits</a></p> <hr/> <p><a href="#">Permissible speed</a></p> <hr/> <p><a href="#">Designation system</a></p> <hr/>	<p>Engineering information</p> <p><a href="#">Principles of rolling bearing selection</a></p> <hr/> <p><a href="#">General bearing knowledge</a></p> <hr/> <p><a href="#">Bearing selection process</a></p> <hr/> <p><a href="#">Bearing interfaces</a></p> <hr/> <p><a href="#">Seat tolerances for standard conditions</a></p> <hr/> <p><a href="#">Selecting internal clearance</a></p> <hr/> <p><a href="#">Lubrication</a></p> <hr/> <p><a href="#">Sealing, mounting and dismounting</a></p> <hr/> <p><a href="#">Bearing failure and how to prevent it</a></p> <hr/>	<p>Tools</p> <p><a href="#">Bearing Select</a></p> <hr/> <p><a href="#">SimPro Quick</a></p> <hr/> <p><a href="#">Engineering Calculator</a></p> <hr/> <p><a href="#">LubeSelect for SKF greases</a></p> <hr/> <p><a href="#">Heater selection tool</a></p> <hr/> <p><a href="#">Rolling bearings mounting and dismounting instructions</a></p> <hr/>
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