



# 6208

Popular item  
SKF Explorer

## Deep groove ball bearings

### Bearing data

[Tolerances](#),

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

[Radial internal clearance](#),

Matched bearing pairs, Stainless steel

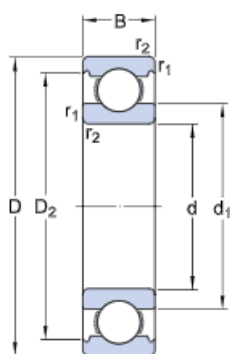
d < 10 mm, Other bearings

### Bearing interfaces

[Seat tolerances for standard conditions](#),

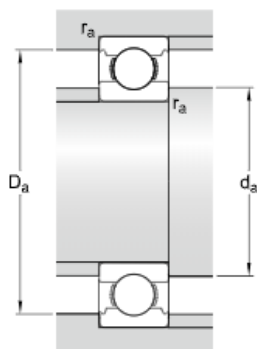
[Tolerances and resultant fits](#)

## Technical specification



### DIMENSIONS

d	40 mm
D	80 mm
B	18 mm
	≈ 52.6 mm
	≈ 69.8 mm
	min. 1.1 mm



### ABUTMENT DIMENSIONS

	min. 47 mm
	max. 73 mm
	max. 1 mm

## CALCULATION DATA

Basic dynamic load rating	C	32.5 kN
Basic static load rating		19 kN
Fatigue load limit		0.8 kN
Reference speed		18000 r/min
Limiting speed		11000 r/min
Calculation factor		0.025
Calculation factor		13.8

## MASS

Mass bearing	0.37 kg
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## More information

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

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