

# 6000-2RSH Deep groove ball bearings

Popular item  
SKF Explorer

## Deep groove ball bearings

### Bearing data

[Tolerances,](#)

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

[Radial internal clearance,](#)

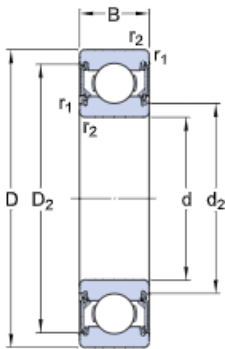
Matched bearing pairs, Stainless steel  
 $d < 10$  mm, Other bearings

### Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fits](#)

## Technical specification

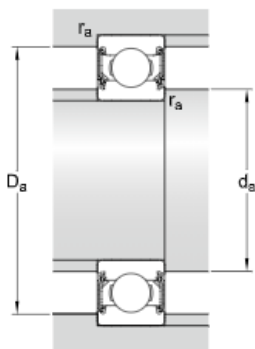


### DIMENSIONS

d	10 mm
D	26 mm
B	8 mm
$d_2$	≈ 12.55 mm
$D_2$	≈ 22.6 mm
$r_{1,2}$	min. 0.3 mm

### ABUTMENT DIMENSIONS

$d_a$	min. 12 mm
$d_a$	max. 12.5 mm
$D_a$	max. 24 mm
$r_a$	max. 0.3 mm



## CALCULATION DATA

Basic dynamic load rating	C	4.75 kN
Basic static load rating	C <sub>0</sub>	1.96 kN
Fatigue load limit	P <sub>u</sub>	0.083 kN
Limiting speed		19 000 r/min
Calculation factor	k <sub>r</sub>	0.025
Calculation factor	f <sub>0</sub>	12

## MASS

Mass bearing	0.019 kg
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## More information

<p><b>Product details</b></p> <ul style="list-style-type: none"> <li><a href="#">Single row deep groove ball bearings</a></li> <li><a href="#">Stainless steel deep groove ball bearings</a></li> <li><a href="#">Single row deep groove ball bearings with filling slots</a></li> <li><a href="#">Double row deep groove ball bearings</a></li> <li><a href="#">Bearing data</a></li> <li><a href="#">Loads</a></li> <li><a href="#">Temperature limits</a></li> <li><a href="#">Permissible speed</a></li> <li><a href="#">Designation system</a></li> </ul>	<p><b>Engineering information</b></p> <ul style="list-style-type: none"> <li><a href="#">Principles of rolling bearing selection</a></li> <li><a href="#">General bearing knowledge</a></li> <li><a href="#">Bearing selection process</a></li> <li><a href="#">Bearing interfaces</a></li> <li><a href="#">Seat tolerances for standard conditions</a></li> <li><a href="#">Selecting internal clearance</a></li> <li><a href="#">Lubrication</a></li> <li><a href="#">Sealing, mounting and dismounting</a></li> <li><a href="#">Bearing failure and how to prevent it</a></li> </ul>	<p><b>Tools</b></p> <ul style="list-style-type: none"> <li><a href="#">Bearing Select</a></li> <li><a href="#">SimPro Quick</a></li> <li><a href="#">Engineering Calculator</a></li> <li><a href="#">LubeSelect for SKF greases</a></li> <li><a href="#">Heater selection tool</a></li> <li><a href="#">Rolling bearings mounting and dismounting instructions</a></li> </ul>
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