



# W 619/6-2RS1

## Deep groove ball bearings

### Bearing data

#### Tolerances,

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

#### Radial internal clearance,

Matched bearing pairs, Stainless steel

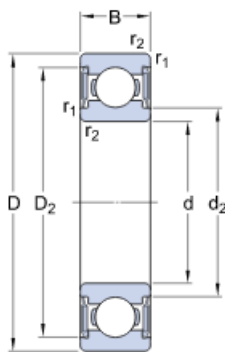
$d < 10$  mm, Other bearings

### Bearing interfaces

#### Seat tolerances for standard conditions,

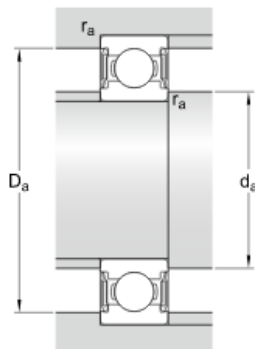
#### Tolerances and resultant fits

## Technical specification



## DIMENSIONS

$d$	6 mm
$D$	15 mm
$B$	5 mm
$d_2$	≈ 7.5 mm
$D_2$	≈ 13 mm
$r_{1,2}$	min. 0.2 mm



## ABUTMENT DIMENSIONS

$d_a$	min. 7.3 mm
$d_a$	max. 7.4 mm
$D_a$	max. 13.4 mm
$r_a$	max. 0.2 mm

## CALCULATION DATA

Basic dynamic load rating	C	0.761 kN
Basic static load rating	$C_0$	0.265 kN
Fatigue load limit	$P_u$	0.011 kN
Limiting speed		30000 r/min
Calculation factor	$k_r$	0.025
Calculation factor	$f_0$	6.8

## MASS

Mass bearing	0.0038 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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