



# W 61913

## Deep groove ball bearings

### Bearing data

[Tolerances,](#)

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

[Radial internal clearance,](#)

Matched bearing pairs, Stainless steel

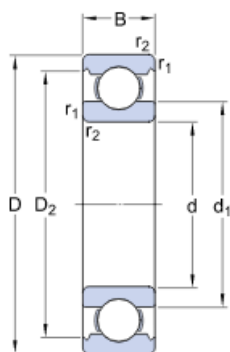
$d < 10$  mm, Other bearings

### Bearing interfaces

[Seat tolerances for standard conditions,](#)

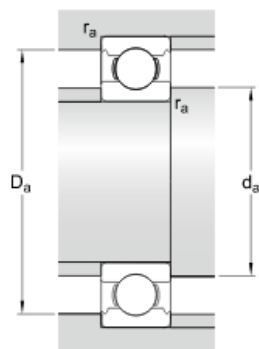
[Tolerances and resultant fits](#)

## Technical specification



### DIMENSIONS

$d$	65 mm
$D$	90 mm
$B$	13 mm
$d_1$	$\approx 73$ mm
$D_2$	$\approx 84.78$ mm
$r_{1,2}$	min. 1 mm



### ABUTMENT DIMENSIONS

$D_a$	max. mm
$d_a$	max. 1 mm

## CALCULATION DATA

Basic dynamic load rating	C	15.1 kN
Basic static load rating	C <sub>0</sub>	16 kN
Fatigue load limit	P <sub>u</sub>	0.68 kN
Reference speed		15000 r/min
Limiting speed		9500 r/min
Calculation factor	k <sub>r</sub>	0.025
Calculation factor	f <sub>0</sub>	16.6

## More information

## Product details

[Single row deep groove ball bearings](#)

[Stainless steel deep groove ball bearings](#)

[Single row deep groove ball bearings with filling slots](#)

[Double row deep groove ball bearings](#)

[Bearing data](#)

[Loads](#)

[Temperature limits](#)

[Permissible speed](#)

[Designation system](#)

## Engineering information

[Principles of rolling bearing selection](#)

[General bearing knowledge](#)

[Bearing selection process](#)

[Bearing interfaces](#)

[Seat tolerances for standard conditions](#)

[Selecting internal clearance](#)

[Lubrication](#)

[Sealing, mounting and dismounting](#)

[Bearing failure and how to prevent it](#)

## Tools

[Bearing Select](#)

[SimPro Quick](#)

[Engineering Calculator](#)

[LubeSelect for SKF greases](#)

[Heater selection tool](#)

[Rolling bearings mounting and dismounting instructions](#)

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