



# NUP 313 ECJ

Popular item  
SKF Explorer

## Cylindrical roller bearings, single row

### Bearing data

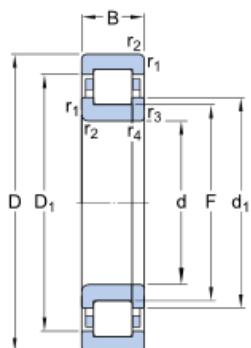
[Tolerances](#),  
Normal (metric), P6, Normal (inch),  
[Radial internal clearance](#),  
cylindrical bore, tapered bore,  
[Axial internal clearance](#),  
NUP, NJ + HJ

### Bearing interfaces

[Seat tolerances for standard conditions](#),  
[Tolerances and resultant fit](#)

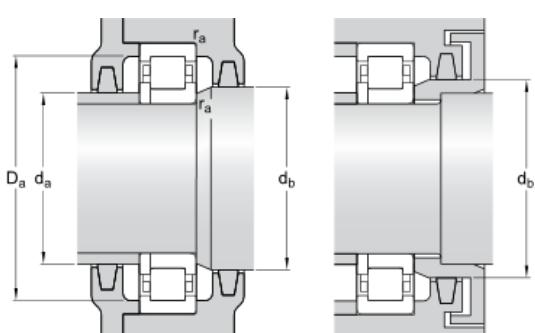
## Technical specification

### DIMENSIONS



d	65 mm
D	140 mm
B	33 mm
d <sub>1</sub>	≈ 90.5 mm
D <sub>1</sub>	≈ 117.5 mm
F	82.5 mm
r <sub>1,2</sub>	min. 2.1 mm
r <sub>3,4</sub>	min. 2.1 mm

### ABUTMENT DIMENSIONS



d <sub>a</sub>	min. 77 mm
d <sub>b</sub>	min. 93 mm
D <sub>a</sub>	max. 127.8 mm
r <sub>a</sub>	max. 2 mm

## CALCULATION DATA

Basic dynamic load rating	$C$	212 kN
Basic static load rating	$C_0$	196 kN
Fatigue load limit	$P_u$	25.5 kN
Reference speed		5300 r/min
Limiting speed		6000 r/min
Calculation factor	$k_r$	0.15
Limiting value	$e$	0.2
Axial load factor	$Y$	0.6

## MASS

Mass bearing	2.3 kg
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## More information

Product details	Engineering information	Tools
<a href="#">Designs and variants</a>	<a href="#">Principles of rolling bearing selection</a>	<a href="#">SimPro Quick</a>
<a href="#">Bearing data</a>	<a href="#">General bearing knowledge</a>	<a href="#">Bearing Select</a>
<a href="#">Loads</a>	<a href="#">Bearing selection process</a>	<a href="#">Engineering Calculator</a>
<a href="#">Temperature limits</a>	<a href="#">Bearing failure and how to prevent it</a>	<a href="#">LubeSelect for SKF greases</a>
<a href="#">Permissible speed</a>		<a href="#">Heater selection tool</a>
<a href="#">Design considerations</a>		<a href="#">Oil Injection Method Program</a>
<a href="#">Designation system</a>		<a href="#">Rolling bearings mounting and dismounting instructions</a>

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