



# 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,](#)

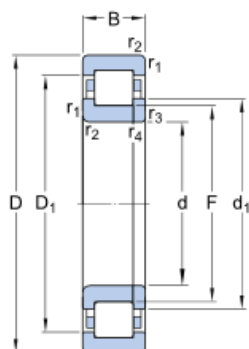
NUP, NJ + HJ

### Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

## Technical specification

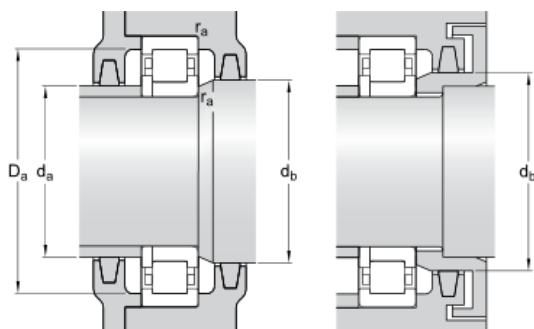


## DIMENSIONS

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 <sub>0</sub>	196 kN
Fatigue load limit	P <sub>u</sub>	25.5 kN
Reference speed		5300 r/min
Limiting speed		6000 r/min
Calculation factor	k <sub>r</sub>	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

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