



## NU 206 ECP

- Popular item  
- SKF Explorer

### Cylindrical roller bearings, single row

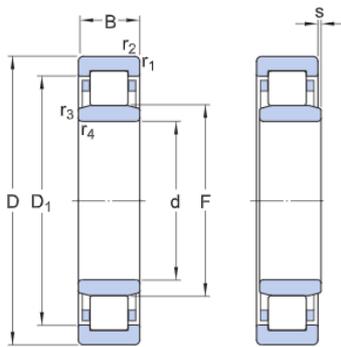
#### Bearing data

[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

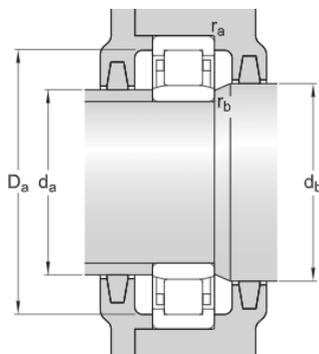


### DIMENSIONS

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	16 mm	Width
$D_1$	≈ 52.08 mm	Shoulder diameter of outer ring
F	37.5 mm	Chamfer dimension of loose flange ring
$r_{1,2}$	min. 1 mm	Chamfer dimension
$r_{3,4}$	min. 0.6 mm	Chamfer dimension
s	max. 1.3 mm	Permissible axial displacement

### ABUTMENT DIMENSIONS

$d_c$	min. 34.3 mm	Diameter of spacer sleeve
$d_c$	max. 36.1 mm	Diameter of spacer sleeve
$d_t$	min. 39 mm	Diameter of shaft abutment
$D_t$	max. 55.9 mm	Diameter of housing abutment
$r_a$	max. 1 mm	Radius of fillet
$r_b$	max. 0.6 mm	Radius of fillet



## CALCULATION DATA

Basic dynamic load rating	C	44 kN
Basic static load rating	C <sub>0</sub>	36.5 kN
Fatigue load limit	P <sub>u</sub>	4.5 kN
Reference speed		13 000 r/min
Limiting speed		14 000 r/min
Minimum load factor	k <sub>r</sub>	0.15
Limiting value	e	0.2
Axial load factor	Y	0.6

## MASS

Mass		0.2 kg
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## ASSOCIATED PRODUCTS

Angle ring		HJ 206 EC
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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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