



## NUP 2205 ECP

Cylindrical roller bearings, single row

### Technical Specification



#### DIMENSIONS

d	25 mm
D	52 mm
B	18 mm
d <sub>1</sub>	"H 34.7 mm
D <sub>1</sub>	"H 43.3 mm
F	31.5 mm
r <sub>1,2</sub>	min. 1 mm
r <sub>3,4</sub>	min. 0.6 mm

#### ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 29.9 mm
d <sub>b</sub>	min. 36 mm
D <sub>a</sub>	max. 46.4 mm
r <sub>a</sub>	max. 1 mm



## CALCULATION DATA

Basic dynamic load rating	39 kN
Basic static load rating	34 kN
Fatigue load limit	4.25 kN
Reference speed	15000 r/min
Limiting speed	16000 r/min
Calculation factor	0.2
Limiting value	0.3
Axial load factor	0.4

## MASS

Mass bearing	0.17 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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