



## N 39/1180 MB

### Cylindrical roller bearings, single row

#### Bearing data

[Tolerances,](#)

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

[Radial internal clearance,](#)

cylindrical bore, tapered bore,

[Axial internal clearance,](#)

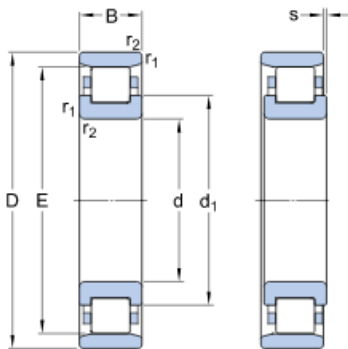
NUP, NJ + HJ

#### Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

### Technical specification

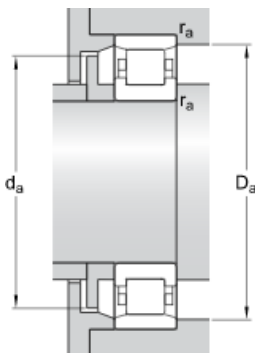


#### DIMENSIONS

d	1180 mm
D	1540 mm
B	272 mm
d <sub>1</sub>	≈ 1299 mm
E	1466 mm
r <sub>1,2</sub>	min. 7.5 mm
s	max. 21.2 mm

#### ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 1208 mm
d <sub>a</sub>	max. 1458 mm
D <sub>a</sub>	min. 1474 mm
D <sub>a</sub>	max. 1512 mm
r <sub>a</sub>	max. 6 mm



## CALCULATION DATA

Basic dynamic load rating	C	11200 kN
Basic static load rating	C <sub>0</sub>	29000 kN
Fatigue load limit	P <sub>u</sub>	1730 kN
Reference speed		200 r/min
Limiting speed		380 r/min
Calculation factor	k <sub>r</sub>	0.03
Limiting value	e	0.3
Axial load factor	Y	

## MASS

Mass bearing		1400 kg
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More information

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

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