



## 29236 E

Popular item

### Spherical roller thrust bearings

#### Bearing data

[Tolerances,](#)

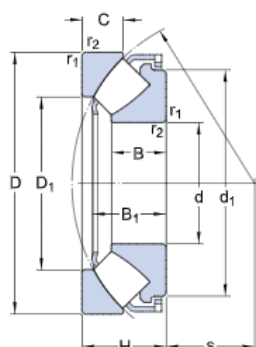
table

#### Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

### Technical specification

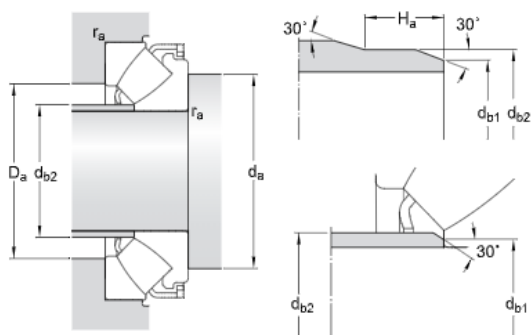


#### DIMENSIONS

d	180 mm
D	250 mm
H	42 mm
d <sub>1</sub>	≈ 234 mm
D <sub>1</sub>	≈ 208 mm
B	26 mm
B <sub>1</sub>	36.9 mm
C	22 mm
s	97 mm
r <sub>1,2</sub>	min. 1.5 mm

#### ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 210 mm
d <sub>b1</sub>	max. 187 mm
d <sub>b2</sub>	max. 187 mm
H <sub>a</sub>	min. 14 mm
D <sub>a</sub>	max. 226 mm
r <sub>a</sub>	max. 1.5 mm



## CALCULATION DATA

Basic dynamic load rating	C	495 kN
Basic static load rating	C <sub>0</sub>	2 040 kN
Fatigue load limit	P <sub>u</sub>	212 kN
Reference speed		1 600 r/min
Limiting speed		2 600 r/min
Minimum axial load factor	A	0.4

## MASS

Mass bearing	5.8 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="#">Lubrication</a>		
<a href="#">Mounting</a>		
<a href="#">Designation system</a>		

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