



## 29240 E

Popular item

### Spherical roller thrust bearings

#### Bearing data

[Tolerances,](#)

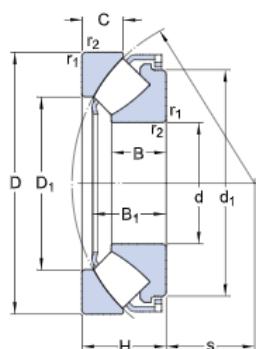
table

#### Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

### Technical specification

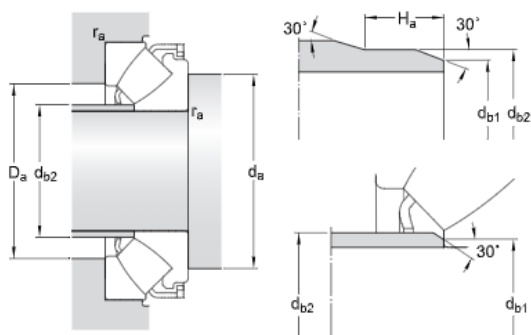


#### DIMENSIONS

d	200 mm
D	280 mm
H	48 mm
d <sub>1</sub>	≈ 260 mm
D <sub>1</sub>	≈ 233 mm
B	30 mm
B <sub>1</sub>	43.4 mm
C	24 mm
s	108 mm
r <sub>1,2</sub>	min. 2 mm

#### ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 235 mm
d <sub>b1</sub>	max. 206 mm
d <sub>b2</sub>	max. 207 mm
H <sub>a</sub>	min. 17 mm
D <sub>a</sub>	max. 253 mm
r <sub>a</sub>	max. 2 mm



## CALCULATION DATA

Basic dynamic load rating	C	656 kN
Basic static load rating	C <sub>0</sub>	2 650 kN
Fatigue load limit	P <sub>u</sub>	285 kN
Reference speed		1 400 r/min
Limiting speed		2 200 r/min
Minimum axial load factor	A	0.67

## MASS

Mass bearing	9.3 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="#">Lubrication</a></p> <hr/> <p><a href="#">Mounting</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/>
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