



29248

Popular item

## Spherical roller thrust bearings

## Bearing data

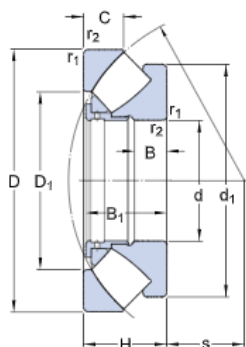
[Tolerances,](#)

table

## Bearing interfaces

[Seat tolerances for standard conditions,](#)[Tolerances and resultant fit](#)

## Technical specification

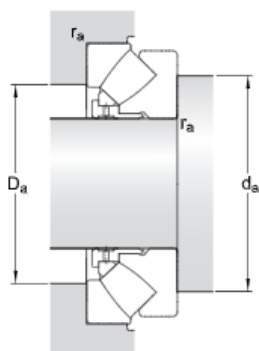


## DIMENSIONS

d	240 mm
D	340 mm
H	60 mm
d <sub>1</sub>	≈ 330 mm
D <sub>1</sub>	≈ 283 mm
B	19 mm
B <sub>1</sub>	57 mm
C	30 mm
s	130 mm
r <sub>1,2</sub>	min. 2.1 mm

## ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 290 mm
D <sub>a</sub>	max. 308 mm
r <sub>a</sub>	max. 2 mm



## CALCULATION DATA

Basic dynamic load rating	C	799 kN
Basic static load rating	C <sub>0</sub>	3 450 kN
Fatigue load limit	P <sub>u</sub>	335 kN
Reference speed		1 100 r/min
Limiting speed		1 800 r/min
Minimum axial load factor	A	1.1

## MASS

Mass bearing	16.5 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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