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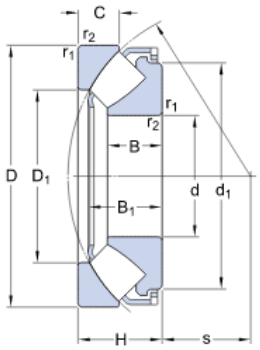
Popular item
SKF Explorer

Spherical roller thrust bearings

Bearing data
Tolerances,
table

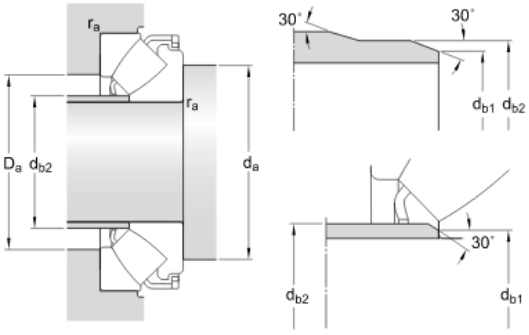
Bearing interfaces
Seat tolerances for standard conditions,
Tolerances and resultant fit

Technical specification



DIMENSIONS

d	110 mm
D	230 mm
H	73 mm
d_1	≈ 199 mm
D_1	≈ 156 mm
B	47 mm
B_1	64.7 mm
C	34.7 mm
s	69 mm
$r_{1,2}$	min. 3 mm



ABUTMENT DIMENSIONS

d_a	min. 165 mm
d_{b1}	max. 120.5 mm
d_{b2}	max. 129 mm
D_a	max. 193 mm
r_a	max. 2.5 mm

CALCULATION DATA

Basic dynamic load rating	C	1180 kN
Basic static load rating	C_0	3000 kN
Fatigue load limit	P_u	325 kN
Reference speed		1600 r/min
Limiting speed		2800 r/min
Minimum axial load factor	A	0.86

MASS

Mass bearing	13.5 kg

More information

Product details

- Designs and variants
- Bearing data
- Loads
- Temperature limits
- Permissible speed
- Design considerations
- Lubrication
- Mounting
- Designation system

Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing failure and how to prevent it

Tools

- SimPro Quick
- Bearing Select
- Engineering Calculator
- LubeSelect for SKF greases
- Heater selection tool

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