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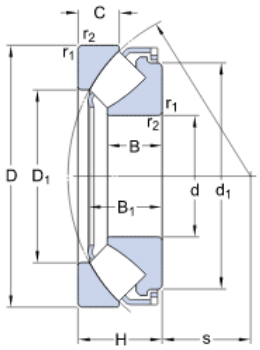
Popular item
SKF Explorer

Spherical roller thrust bearings

Bearing data
Tolerances,
table

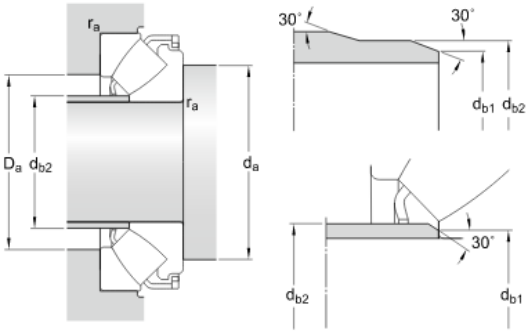
Bearing interfaces
Seat tolerances for standard conditions,
Tolerances and resultant fit

Technical specification



DIMENSIONS

d	110 mm
D	190 mm
H	48 mm
d_1	≈ 171 mm
D_1	≈ 140 mm
B	30.3 mm
B_1	41.7 mm
C	24.8 mm
s	63.8 mm
$r_{1,2}$	min. 2 mm



ABUTMENT DIMENSIONS

d_a	min. 145 mm
d_{b1}	max. 117 mm
d_{b2}	max. 117 mm
D_a	max. 164 mm
r_a	max. 2 mm

CALCULATION DATA

Basic dynamic load rating	C	610 kN
Basic static load rating	C_0	1730 kN
Fatigue load limit	P_u	204 kN
Reference speed		1900 r/min
Limiting speed		3200 r/min
Minimum axial load factor	A	0.28

MASS

Mass bearing	5.3 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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