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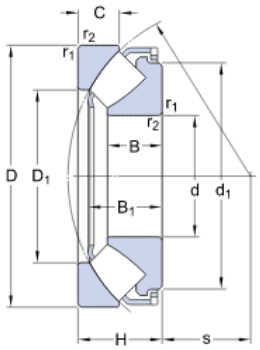
Popular item
SKF Explorer

Spherical roller thrust bearings

Bearing data
Tolerances,
table

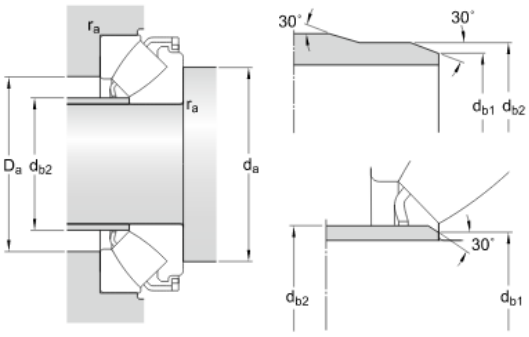
Bearing interfaces
Seat tolerances for standard conditions,
Tolerances and resultant fit

Technical specification



DIMENSIONS

d	75 mm
D	160 mm
H	51 mm
d_1	≈ 138 mm
D_1	≈ 106 mm
B	33.5 mm
B_1	45.7 mm
C	24.5 mm
s	47 mm
$r_{1,2}$	min. 2 mm



ABUTMENT DIMENSIONS

d_a	min. 115 mm
d_{b1}	max. 82.5 mm
d_{b2}	max. 82.5 mm
D_a	max. 133 mm
r_a	max. 2 mm

CALCULATION DATA

Basic dynamic load rating	C	600 kN
Basic static load rating	C_0	1430 kN
Fatigue load limit	P_u	173 kN
Reference speed		2400 r/min
Limiting speed		4000 r/min
Minimum axial load factor	A	0.19

MASS

Mass bearing	4.7 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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