



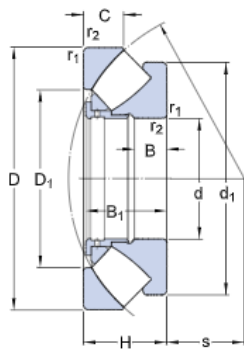
29284

Spherical roller thrust bearings

Bearing data
[Tolerances,](#)
 table

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

Technical specification

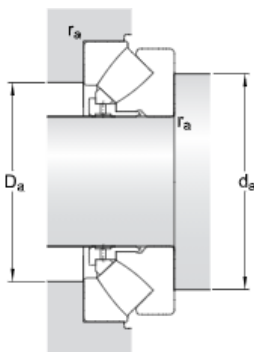


DIMENSIONS

d	420 mm
D	580 mm
H	95 mm
d ₁	≈ 564 mm
D ₁	≈ 489 mm
B	30 mm
B ₁	91 mm
C	46 mm
s	225 mm
r _{1,2}	min. 5 mm

ABUTMENT DIMENSIONS

d _a	min. 500 mm
D _a	max. 525 mm
r _a	max. 4 mm



CALCULATION DATA

Basic dynamic load rating	C	1990 kN
Basic static load rating	C_0	9800 kN
Fatigue load limit	P_u	815 kN
Reference speed		630 r/min
Limiting speed		1000 r/min
Minimum axial load factor	A	9.1

MASS

Mass bearing	75.5 kg
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More information

Product details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	SimPro Quick
Bearing data	General bearing knowledge	Bearing Select
Loads	Bearing selection process	Engineering Calculator
Temperature limits	Bearing failure and how to prevent it	LubeSelect for SKF greases
Permissible speed		Heater selection tool
Design considerations		
Lubrication		
Mounting		
Designation system		

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