



319440 B-2LS

Cylindrical roller bearings, double row,
full complement

Bearing data

[Tolerances,](#)

Normal,

[Radial internal clearance,](#)

table,

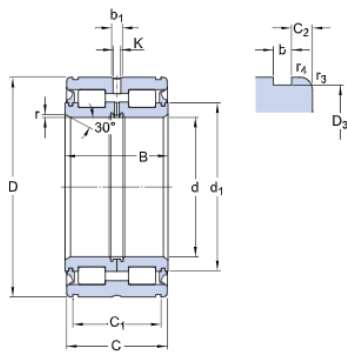
[Axial internal clearance](#)

Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification

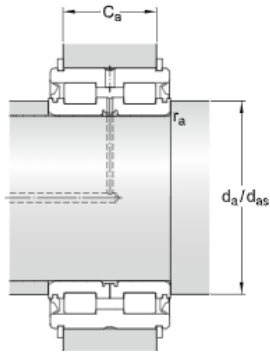


DIMENSIONS

d	200 mm
D	270 mm
B	80 mm
C	79 mm
d ₁	≈ 227.5 mm
D ₃	264 mm
C ₁	73.2 mm
Tolerance for distance C ₁	+ 0.2 mm
C ₂	2.9 mm
b	5.2 mm
b ₁	7 mm
K	4 mm
r	min. 1.8 mm
r _{3,4}	min. 0.6 mm

ABUTMENT DIMENSIONS

d _a	min. 207 mm
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d_{as}	223 mm
C_{a1}	65 mm
Tolerance for abutment C_a	- 0.2 mm
C_{a2}	63 mm
Tolerance for abutment C_a (DIN 471 snap rings)	- 0.2 mm
r_a	max. 1.5 mm
C_{a1a2}	

CALCULATION DATA

Basic dynamic load rating	C	627 kN
Basic static load rating	C_0	1 370 kN
Fatigue load limit	P_u	137 kN
Limiting speed		500 r/min
Calculation factor	k_r	0.4

MASS

Mass bearing	13.1 kg
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ASSOCIATED PRODUCTS

Snap ring Seeger	SW 270
Snap ring in accordance with DIN 471	270x5

More information

Product details	Engineering information	Tools
Designs and variants <hr/>	Principles of rolling bearing selection <hr/>	SimPro Quick <hr/>
Bearing data <hr/>	General bearing knowledge <hr/>	Bearing Select <hr/>
Loads <hr/>	Bearing selection process <hr/>	Engineering Calculator <hr/>
Temperature limits <hr/>	Bearing failure and how to prevent it <hr/>	LubeSelect for SKF greases <hr/>
Permissible speed <hr/>		Heater selection tool <hr/>
Design considerations <hr/>		Oil Injection Method Program <hr/>
Designation system <hr/>		Rolling bearings mounting and dismounting instructions <hr/>

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