



NNF 5005 ADB-2LSV

Popular item

Cylindrical roller bearings, double row,
full complement

Bearing data

[Tolerances,](#)

Normal,

[Radial internal clearance,](#)

table,

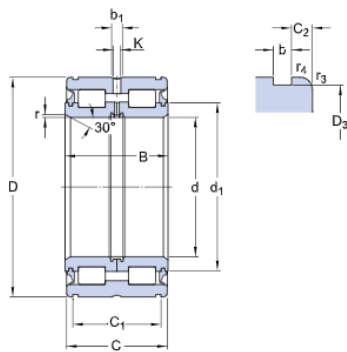
[Axial internal clearance](#)

Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification

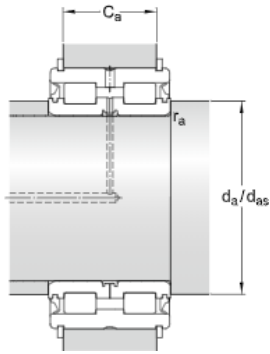


DIMENSIONS

d	25 mm
D	47 mm
B	30 mm
C	29 mm
d ₁	≈ 35.4 mm
D ₃	45.2 mm
C ₁	24.7 mm
Tolerance for distance C ₁	+ 0.2 mm
C ₂	2.15 mm
b	1.8 mm
b ₁	6.5 mm
K	3.5 mm
r	min. 0.5 mm
r _{3,4}	min. 0.3 mm

ABUTMENT DIMENSIONS

d _a	min. 29 mm
d _{as}	33.6



C_{a1}	21.5 mm
Tolerance for abutment C_a	- 0.2 mm
C_{a2}	21 mm
Tolerance for abutment C_a (DIN 471 snap rings)	- 0.2 mm
r_a	max. 0.3 mm
C_{a1a2}	

CALCULATION DATA

Basic dynamic load rating	C	50.1 kN
Basic static load rating	C_0	65.5 kN
Fatigue load limit	P_u	6.8 kN
Limiting speed		3 000 r/min
Calculation factor	k_r	0.4

MASS

Mass bearing	0.24 kg
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ASSOCIATED PRODUCTS

Snap ring Seeger	SW 47
Snap ring in accordance with DIN 471	47x1.75

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		Oil Injection Method Program
Designation system		Rolling bearings mounting and dismounting instructions

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