



NNF 5010 ADB-2LSV

Popular item

Cylindrical roller bearings, double row,
full complement

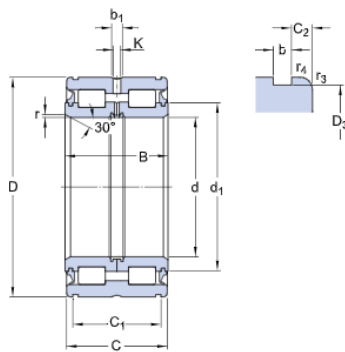
Bearing data

Tolerances,
Normal,
Radial internal clearance,
table,
Axial internal clearance

Bearing interfaces

Seat tolerances for standard
conditions,
Tolerances and resultant fit

Technical specification

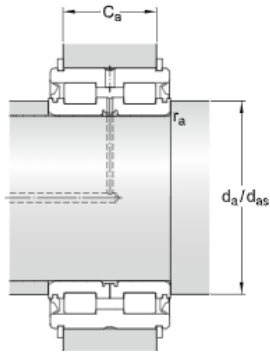


DIMENSIONS

d	50 mm
D	80 mm
B	40 mm
C	39 mm
d ₁	≈ 61.8 mm
D ₃	77.8 mm
C ₁	34.2 mm
Tolerance for distance C ₁	+ 0.2 mm
C ₂	2.4 mm
b	2.7 mm
b ₁	8.5 mm
K	4.5 mm
r	min. 0.8 mm
r _{3,4}	min. 0.6 mm

ABUTMENT DIMENSIONS

d _a	min. 54 mm
d _{as}	59.5



C_{a1}	30 mm
Tolerance for abutment C_a	- 0.2 mm
C_{a2}	29 mm
Tolerance for abutment C_a (DIN 471 snap rings)	- 0.2 mm
r_a	max. 0.4 mm
C_{a1a2}	

CALCULATION DATA

Basic dynamic load rating	C	108 kN
Basic static load rating	C_0	160 kN
Fatigue load limit	P_u	18.6 kN
Limiting speed		1 700 r/min
Calculation factor	k_f	0.4

MASS

Mass bearing	0.76 kg
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ASSOCIATED PRODUCTS

Snap ring Seeger	SW 80
Snap ring in accordance with DIN 471	80x2.5

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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