



NNF 5014 ADB-2LSV

Popular item

Cylindrical roller bearings, double row,
full complement

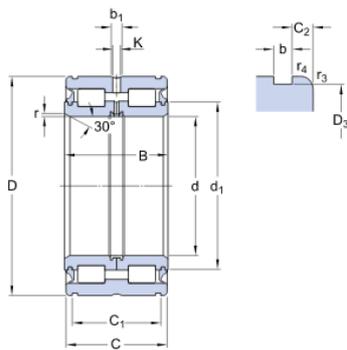
Bearing data

[Tolerances](#),
Normal,
[Radial internal clearance](#),
table,
[Axial internal clearance](#)

Bearing interfaces

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

Technical specification

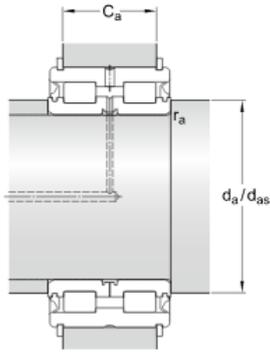


DIMENSIONS

| | |
|---------------------------------------|-------------|
| d | 70 mm |
| D | 110 mm |
| B | 54 mm |
| C | 53 mm |
| d ₁ | ≈ 84.5 mm |
| D ₃ | 107.1 mm |
| C ₁ | 48.2 mm |
| Tolerance for distance C ₁ | + 0.2 mm |
| C ₂ | 2.4 mm |
| b | 4.2 mm |
| b ₁ | 9.5 mm |
| K | 5 mm |
| r | min. 1 mm |
| r _{3,4} | min. 0.6 mm |

ABUTMENT DIMENSIONS

| | |
|-----------------|------------|
| d _a | min. 75 mm |
| d _{as} | 82 mm |



| | |
|---|-------------------|
| C_{a1} | 43 mm |
| Tolerance for abutment Ca (SW snap rings) | - 0.2 mm |
| C_{a2} | 40 mm |
| Tolerance for abutment Ca (DIN 471 snap rings) | - 0.2 mm |
| r_a | max. 0.6 mm |

Ca1 applies for SW snap rings and Ca2 for snap rings in accordance with DIN 471

CALCULATION DATA

| | | |
|---------------------------|-------|------------|
| Basic dynamic load rating | C | 187 kN |
| Basic static load rating | C_0 | 285 kN |
| Fatigue load limit | P_u | 34.5 kN |
| Limiting speed | | 1200 r/min |
| Calculation factor | k_r | 0.4 |

MASS

| | |
|--------------|---------|
| Mass bearing | 1.87 kg |
|--------------|---------|

ASSOCIATED PRODUCTS

| | |
|--------------------------------------|--------|
| Snap ring Seeger | SW 110 |
| Snap ring in accordance with DIN 471 | 110x4 |

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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