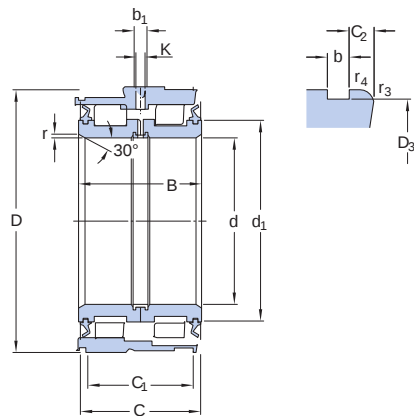


NNF 5017 ADA-2LSV

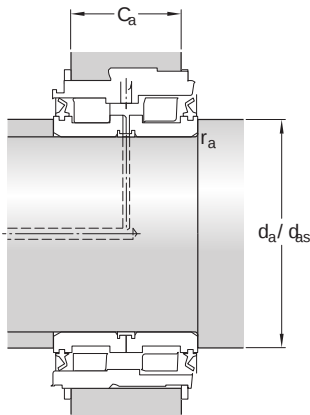
Double row full complement cylindrical roller bearings incorporate a maximum number of rollers and are therefore suitable for very heavy radial loads in combination with moderate speeds. Having three flanges on the two-piece inner ring and one central flange on the outer ring, NNF design bearings can locate the shaft axially in both directions. Two snap ring grooves in the outer ring simplify mounting and save space axially.



- Very high radial load carrying capacity
- High radial stiffness
- Long service life
- Locate the shaft axially in both directions
- Sealed for increased reliability, with relubrication feature



| Dimensions     |             |                                                                          |
|----------------|-------------|--------------------------------------------------------------------------|
| d              | 85 mm       | Bore diameter                                                            |
| D              | 130 mm      | Outside diameter                                                         |
| B              | 60 mm       | Width                                                                    |
| C              | 59 mm       | Outer ring width (sealed bearing)                                        |
| d <sub>1</sub> | ≈ 101.5 mm  | Shoulder diameter inner ring                                             |
| D <sub>3</sub> | 127.1 mm    | Snap ring groove diameter at outer ring                                  |
| E              | 119.5 mm    | Raceway diameter outer ring                                              |
| C <sub>1</sub> | 54.2 mm     | Distance between two snap ring grooves of the outer ring outside surface |
|                | + 0.2 mm    | Tolerance for distance C <sub>1</sub>                                    |
| C <sub>2</sub> | 2.4 mm      | Distance outer ring side face - snap ring groove (sealed bearing)        |
| b              | 4.2 mm      | Width snap ring groove outer ring                                        |
| b <sub>1</sub> | 6 mm        | Width annular lubrication groove outer ring                              |
| K              | 3.5 mm      | Diameter lubrication hole (outer ring)                                   |
| r              | min. 1.5 mm | Chamfer dimension (sealed bearing)                                       |



|                     |             |                                                              |
|---------------------|-------------|--------------------------------------------------------------|
| $r_{3,4}$           | min. 0.6 mm | Chamfer dimension                                            |
| Abutment dimensions |             |                                                              |
| $d_a$               | min. 91 mm  | Abutment diameter shaft                                      |
| $d_{as}$            | 100 mm      | Abutment diameter shaft                                      |
| $C_{a1}$            | 49 mm       | Abutment width applying for SW snap rings (sealed brg.)      |
|                     | - 0.2 mm    | Tolerance for abutment $C_a$ (SW snap rings)                 |
| $C_{a2}$            | 46 mm       | Abutment width applying for DIN 471 snap rings (sealed brg.) |
|                     | - 0.2 mm    | Tolerance for abutment $C_a$ (DIN 471 snap rings)            |
| $r_a$               | max. 1 mm   | Fillet radius                                                |

Calculation data

|                           |       |             |
|---------------------------|-------|-------------|
| Basic dynamic load rating | C     | 270 kN      |
| Basic static load rating  | $C_0$ | 430 kN      |
| Fatigue load limit        | $P_u$ | 55 kN       |
| Limiting speed            |       | 1 000 r/min |
| Minimum load factor       | $k_r$ | 0.4         |

Associated products

|                                      |        |
|--------------------------------------|--------|
| Snap ring Seeger                     | SW 130 |
| Snap ring in accordance with DIN 471 | 130x4  |

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: Normal
- Radial internal clearance: table
- Axial internal clearance

## BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit

AGA BEARINGS