



AXK100135-A/0-10

Axial needle roller and cage assembly

Schaeffler ID:  
0000357859065

Axial needle roller and cage assemblies,  
single direction, to DIN 5405-2

Technical information

Main Dimensions & Performance Data

|                 |               |                                  |
|-----------------|---------------|----------------------------------|
| D <sub>c1</sub> | [100] mm      | Bore diameter cage               |
| D <sub>c</sub>  | [135] mm      | Outside diameter                 |
| D <sub>w</sub>  | [4] mm        | Rolling element diameter         |
| E <sub>a</sub>  | [133] mm      | Raceway dimension                |
| E <sub>b</sub>  | [105] mm      | Raceway dimension                |
| c <sub>a</sub>  | [91,000] N    | Basic dynamic load rating, axial |
| c <sub>0a</sub> | [560,000] N   | Basic static load rating, axial  |
| c <sub>ua</sub> | [59,000] N    | Fatigue load limit, axial        |
| n <sub>G</sub>  | [2,420] 1/min | Limiting speed                   |
| n <sub>gr</sub> | [970] 1/min   | Reference speed                  |
|                 | [97.125] g    | Weight                           |

Temperature range

|                  |          |                            |
|------------------|----------|----------------------------|
| T <sub>min</sub> | [-20] °C | Operating temperature min. |
| T <sub>max</sub> | [120] °C | Operating temperature max. |

Additional information

|            |                      |
|------------|----------------------|
| [AS100135] | Axial bearing washer |
|------------|----------------------|

