

**AXW30**

## Axial needle roller bearing

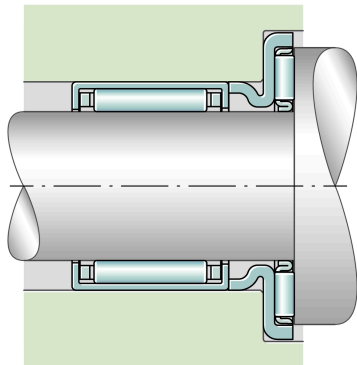
Axial needle roller bearings, single direction,  
AXK with axial bearing washer

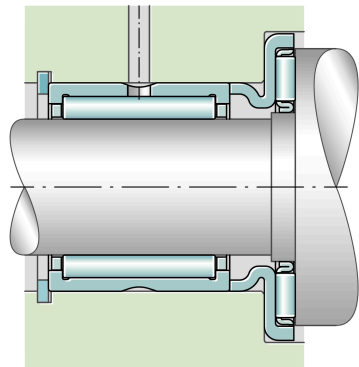
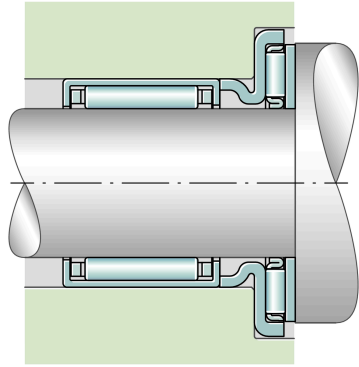
## Technical information



## Main Dimensions &amp; Performance Data

|                   |             |                                   |
|-------------------|-------------|-----------------------------------|
| $D_{c1}$          | 30 mm       | Bore diameter cage                |
| $D$               | 50 mm       | Outside diameter bearing washer   |
| $B$               | 3,2 mm      | Height bearing                    |
| $B_1$             | 4 mm        | Height centering collar           |
| $D_1$             | 37 mm       | Outside diameter centering collar |
| $E_a$             | 46 mm       | Raceway dimension                 |
| $E_b$             | 34 mm       | Raceway dimension                 |
| $C$               | 16.400 N    | Basic dynamic load rating, axial  |
| $C_{0a}$          | 70.000 N    | Basic static load rating, axial   |
| $c_{ua}$          | 7.200 N     | Fatigue load limit, axial         |
| $n_G$             | 7.500 1/min | Limiting speed                    |
| $n_{\vartheta r}$ | 3.800 1/min | Reference speed                   |
| $\approx m$       | 23,41 g     | Weight                            |










### Additional information

|           |   |
|-----------|---|
| AS3047    | Axial bearing washer  |
| HK3018-RS | Drawn cup needle roller bearings turned                         |
| HK3016    | Drawn cup needle roller bearings                                |
| HK3020    | Drawn cup needle roller bearings                                |
| HK3026    | Drawn cup needle roller bearings                                |
| HK3038-ZW | Drawn cup needle roller bearings                                |
| HK3012    | Drawn cup needle roller bearings for radial bearing arrangement |
| BK3012    | Needle bush   |
| BK3016    | Needle bush   |
| BK3020    | Needle bush   |
| BK3026    | Needle bush   |
| BK3038-ZW | Needle bush   |
| NA4904    | Needle roller bearings with inner ring                          |
| NA6904    | Needle roller bearings with inner ring                          |
| NK28/20   | Needle roller bearings with out inner ring                      |
| NK28/30   | Needle roller bearings with out inner ring                      |
| NKS24     | Needle roller bearings with out inner ring                      |
| RNA4904   | Needle roller bearings with out inner ring                      |
| RNA6904   | Needle roller bearings with out inner ring                      |

### Characteristics

-  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope