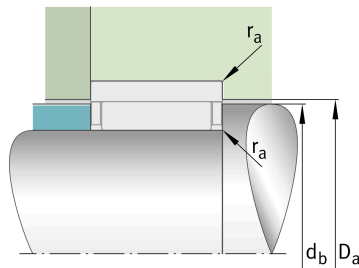
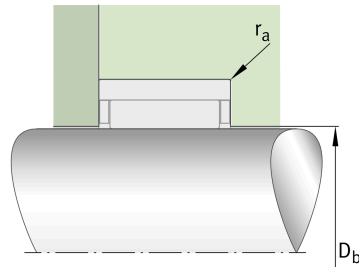
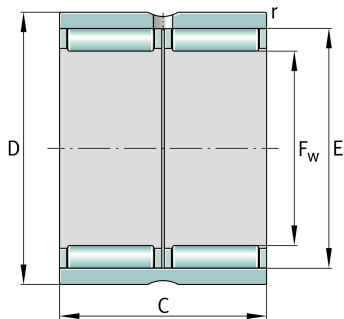
**RNAO35X45X26-ZW-ASR1-XL** [↗](#)

Needle roller bearing

Needle roller bearings RNAO...-ZW-ASR1,  
without ribs, double row

X-life

## Technical information



## Your current product variant

|                  |      |                   |
|------------------|------|-------------------|
| Lubrication hole | ASR1 | ASR1              |
| Number of rows   | ZW   | Double-row design |

## Main Dimensions &amp; Performance Data

|             |              |                                   |
|-------------|--------------|-----------------------------------|
| $F_w$       | 35 mm        | Under roller diameter             |
| $D$         | 45 mm        | Outside diameter                  |
| $C$         | 26 mm        | Width, outer ring                 |
| $C_r$       | 31.500 N     | Basic dynamic load rating, radial |
| $C_{0r}$    | 56.000 N     | Basic static load rating, radial  |
| $C_{ur}$    | 9.100 N      | Fatigue load limit, radial        |
| $n_G$       | 13.100 1/min | Limiting speed                    |
| $n_{gr}$    | 7.800 1/min  | Reference speed                   |
| $\approx m$ | 0,091 kg     | Weight                            |

## Mounting dimensions

|              |         |   |
|--------------|---------|---|
| $D_b$        | 35,6 mm | Shoulder diameter axial guidance NK/housing |
| $d_b$        | 39,4 mm | Shoulder diameter axial guidance NK/shaft   |
| $D_a$        | 40,5 mm | Shoulder diameter outer ring                |
| $r_{a \max}$ | 0,3 mm  | Maximum recess radius                       |








### Dimensions

|                  |        |                             |
|------------------|--------|-----------------------------|
| E                | 40 mm  | Raceway diameter outer ring |
| r <sub>min</sub> | 0,3 mm | Minimum chamfer dimension   |

### Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |

### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope