

**AXK110145-A/0-10** [↗](#)

## Axial needle roller and cage assembly

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

## Technical information



## Main Dimensions &amp; Performance Data

|          |             |                                  |
|----------|-------------|----------------------------------|
| $D_{c1}$ | 110 mm      | Bore diameter cage               |
| $D_c$    | 145 mm      | Outside diameter                 |
| $D_w$    | 4 mm        | Rolling element diameter         |
| $E_a$    | 143 mm      | Raceway dimension                |
| $E_b$    | 115 mm      | Raceway dimension                |
| $c_a$    | 97.000 N    | Basic dynamic load rating, axial |
| $c_{0a}$ | 620.000 N   | Basic static load rating, axial  |
| $c_{ua}$ | 64.000 N    | Fatigue load limit, axial        |
| $n_G$    | 2.260 1/min | Limiting speed                   |
| $n_{gr}$ | 890 1/min   | Reference speed                  |
| $m$      | 106 g       | Weight                           |

## Temperature range

|           |        |                            |
|-----------|--------|----------------------------|
| $T_{min}$ | -20 °C | Operating temperature min. |
| $T_{max}$ | 120 °C | Operating temperature max. |

## Additional information

AS110145

Axial bearing washer