

**AXK140180-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 & Performance Data

| | | |
|----------|-------------|----------------------------------|
| D_{c1} | 140 mm | Bore diameter cage |
| D_c | 180 mm | Outside diameter |
| D_w | 5 mm | Rolling element diameter |
| E_a | 177 mm | Raceway dimension |
| E_b | 146 mm | Raceway dimension |
| c_a | 139.000 N | Basic dynamic load rating, axial |
| c_{0a} | 900.000 N | Basic static load rating, axial |
| c_{ua} | 81.000 N | Fatigue load limit, axial |
| n_G | 1.800 1/min | Limiting speed |
| n_{gr} | 710 1/min | Reference speed |
| m | 200 g | Weight |

Temperature range

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

Additional information

AS140180

Axial bearing washer