

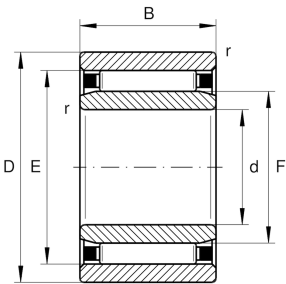
**NAO35X55X20-XL**

Needle roller bearing

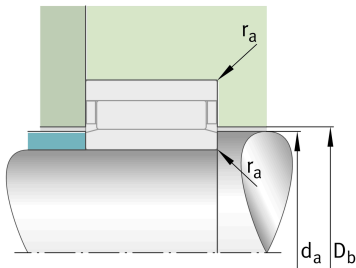
Needle roller bearings NAO, without ribs

X-life

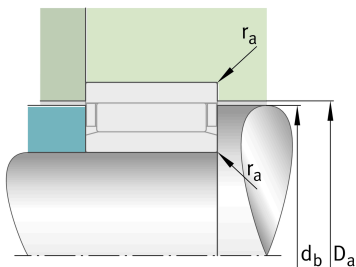
Technical information

**Main Dimensions & Performance Data**

| | | |
|-----------------|--------------|-----------------------------------|
| d | 35 mm | Bore diameter |
| D | 55 mm | Outside diameter |
| B | 20 mm | Width |
| C _r | 37.000 N | Basic dynamic load rating, radial |
| C _{0r} | 57.000 N | Basic static load rating, radial |
| C _{ur} | 9.100 N | Fatigue load limit, radial |
| n _G | 11.300 1/min | Limiting speed |
| n _{gr} | 6.200 1/min | Reference speed |
| ≈m | 186,5 g | Weight |

**Mounting dimensions**

| | | |
|--------------------|---------|---|
| d _a | 39,5 mm | Mounting dimension |
| D _b | 40,6 mm | Shoulder diameter axial guidance NK/housing |
| d _b | 46,2 mm | Shoulder diameter axial guidance NK/shaft |
| D _a | 47,5 mm | Shoulder diameter outer ring |
| r _{a max} | 0,3 mm | Maximum recess radius |










Dimensions

| | | |
|------------------|--------|-----------------------------|
| F | 40 mm | Raceway diameter inner ring |
| E | 47 mm | Raceway diameter outer ring |
| r _{min} | 0,3 mm | Minimum chamfer dimension |
| s | 0,8 mm | Axial displacement |

Temperature range

| | | |
|------------------|--------|----------------------------|
| T _{min} | -30 °C | Operating temperature min. |
| T _{max} | 120 °C | Operating temperature max. |

Characteristics

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