

**NKI17/16-XL** [🔗](#)

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information

**Your current product variant**

| | |
|---------|----------|
| Cage | Standard |
| Coating | Without |

Main Dimensions & Performance Data

| | | |
|----------|--------------|-----------------------------------|
| d | 17 mm | Bore diameter |
| D | 29 mm | Outside diameter |
| B | 16 mm | Width |
| C_r | 15.200 N | Basic dynamic load rating, radial |
| C_{0r} | 18.700 N | Basic static load rating, radial |
| C_{ur} | 3.500 N | Fatigue load limit, radial |
| n_G | 20.600 1/min | Limiting speed |
| n_{gr} | 11.400 1/min | Reference speed |
| m | 42,65 g | Weight |

Dimensions

| | | |
|-----------|--------|-----------------------------|
| F | 21 mm | Raceway diameter inner ring |
| r_{min} | 0,3 mm | Minimum chamfer dimension |
| s | 0,5 mm | Axial displacement |



Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |

Characteristics

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