

**NK100/26-XL**

Needle roller bearing

Needle roller bearings NK, light series

X-life

Technical information



Your current product variant

| | | |
|-----------------|----------|--------------------|
| Lubricant | Without | |
| Cage | Standard | |
| Cage feature | Standard | |
| Tolerance class | PN | Normal (DIN 620-2) |

Main Dimensions & Performance Data

| | | |
|-------------|-------------|-----------------------------------|
| F_w | 100 mm | Under roller diameter |
| D | 120 mm | Outside diameter |
| C | 26 mm | Width, outer ring |
| C_r | 86.000 N | Basic dynamic load rating, radial |
| C_{0r} | 146.000 N | Basic static load rating, radial |
| C_{ur} | 25.500 N | Fatigue load limit, radial |
| n_G | 4.600 1/min | Limiting speed |
| n_{gr} | 3.150 1/min | Reference speed |
| $\approx m$ | 485,5 g | Weight |

Dimensions

| | | |
|-----------|------|---------------------------|
| r_{min} | 1 mm | Minimum chamfer dimension |
|-----------|------|---------------------------|



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