

**NKI75/35-XL-C3**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information



Your current product variant

| | | |
|---------------------------|--------------|-----------------------------------|
| Cage | Standard | |
| Radial internal clearance | C3 (Group 3) | Internal clearance larger than CN |
| Coating | Without | |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 75 mm | Bore diameter |
| D | 105 mm | Outside diameter |
| B | 35 mm | Width |
| C_r | 111.000 N | Basic dynamic load rating, radial |
| C_{0r} | 193.000 N | Basic static load rating, radial |
| C_{ur} | 35.000 N | Fatigue load limit, radial |
| n_G | 5.400 1/min | Limiting speed |
| n_{gr} | 3.200 1/min | Reference speed |
| m | 0,906 kg | Weight |

Dimensions

| | | |
|-----------|-------|-----------------------------|
| F | 85 mm | Raceway diameter inner ring |
| r_{min} | 1 mm | Minimum chamfer dimension |
| s | 1 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