

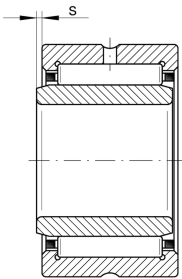
**NKI5/12-TV-XL** [↗](#)

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information



Your current product variant

| | | |
|---------------------------|--------------|-----------------------------|
| Cage | TV | Plastic Cage made from PA66 |
| Radial internal clearance | CN (Group N) | Normal internal clearance |
| Coating | Without | |

Main Dimensions & Performance Data

| | | |
|----------|--------------|-----------------------------------|
| d | 5 mm | Bore diameter |
| D | 15 mm | Outside diameter |
| B | 12 mm | Width |
| C_r | 4.450 N | Basic dynamic load rating, radial |
| C_{0r} | 4.100 N | Basic static load rating, radial |
| C_{ur} | 700 N | Fatigue load limit, radial |
| n_G | 32.500 1/min | Limiting speed |
| n_{gr} | 32.500 1/min | Reference speed |
| m | 11,59 g | Weight |

Dimensions

| | | |
|-----------|--------|-----------------------------|
| F | 8 mm | Raceway diameter inner ring |
| r_{min} | 0,3 mm | Minimum chamfer dimension |
| s | 1,5 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