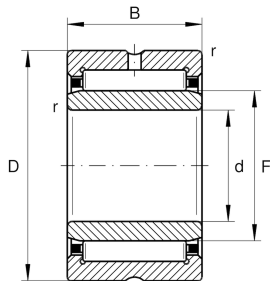
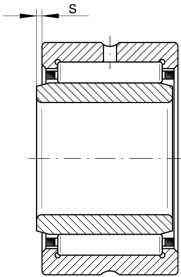
**NKI45/35-TV-IS1-XL**

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 |
| Tolerance class | PN | Normal (DIN 620-2) |
| Lubrication hole | IS1 | IS1 |
| Coating | Without | |
| Lubricant | Without | |

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|-----------------------------------|
| d | 45 mm | Bore diameter |
| D | 62 mm | Outside diameter |
| B | 35 mm | Width |
| C _r | 67.000 N | Basic dynamic load rating, radial |
| C _{0r} | 132.000 N | Basic static load rating, radial |
| C _{ur} | 24.300 N | Fatigue load limit, radial |
| n _G | 9.200 1/min | Limiting speed |
| n _{gr} | 4.950 1/min | Reference speed |
| ≈m | 307 g | Weight |



Dimensions

| | | |
|------------------|--------|-----------------------------|
| F | 50 mm | Raceway diameter inner ring |
| r _{min} | 0,6 mm | Minimum chamfer dimension |
| s | 2 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