

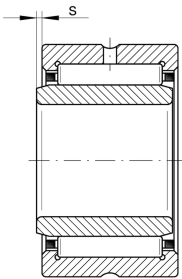
**NKI25/20-TV-XL**

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 | 25 mm | Bore diameter |
| D | 38 mm | Outside diameter |
| B | 20 mm | Width |
| C _r | 27.500 N | Basic dynamic load rating, radial |
| C _{0r} | 39.000 N | Basic static load rating, radial |
| C _{ur} | 7.000 N | Fatigue load limit, radial |
| n _G | 15.300 1/min | Limiting speed |
| n _{gr} | 8.100 1/min | Reference speed |
| ≈m | 0,075 kg | Weight |

Dimensions

| | | |
|------------------|--------|-----------------------------|
| F | 29 mm | Raceway diameter inner ring |
| r _{min} | 0,3 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



Radial load



Grease Lubrication



Oil Lubrication



Not sealed



Small design envelope