

**NKI65/25-XL**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information



Your current product variant

| | | |
|---------------------------|--------------|---------------------------|
| Cage | Standard | |
| Radial internal clearance | CN (Group N) | Normal internal clearance |
| Coating | Without | |

Main Dimensions & Performance Data

| | | |
|----------|-------------|-----------------------------------|
| d | 65 mm | Bore diameter |
| D | 90 mm | Outside diameter |
| B | 25 mm | Width |
| C_r | 60.000 N | Basic dynamic load rating, radial |
| C_{0r} | 100.000 N | Basic static load rating, radial |
| C_{ur} | 17.900 N | Fatigue load limit, radial |
| n_G | 6.300 1/min | Limiting speed |
| n_{gr} | 3.900 1/min | Reference speed |
| m | 0,467 kg | Weight |

Dimensions

| | | |
|-----------|-------|-----------------------------|
| F | 73 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



Radial load



Grease Lubrication



Oil Lubrication



Not sealed



Small design envelope