

**NKIS40-XL**

Radial roller bearing

Needle roller bearings NKIS, heavy series

X-life

Technical information



Your current product variant

| | | |
|--------------------------------|--------------|---------------------------|
| Cage | Standard | |
| Radial internal clearance | CN (Group N) | Normal internal clearance |
| Lubrication hole | With | With |
| Coating | Without | |
| Sealing | Without | |
| Special features | Without | |
| Number of rolling element rows | 1 | Single-row design |

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|---------------------------------------|
| d | 40 mm | Bore diameter |
| D | 65 mm | Outside diameter |
| B | 22 mm | Width |
| C_r | 48.000 N | Basic dynamic load rating, radial |
| C_{0r} | 67.000 N | Basic static load rating, radial |
| C_{ur} | 11.800 N | Fatigue load limit, radial |
| n_G | 8.900 1/min | Limiting speed |
| n_G Grease | 5.300 1/min | Limiting speed for grease lubrication |
| n_{gr} | 4.850 1/min | Reference speed |
| $\approx m$ | 0,281 kg | Weight |



Dimensions

| | | |
|------------|--------|-----------------------------|
| r_{\min} | 1 mm | Minimum chamfer dimension |
| F | 50 mm | Raceway diameter inner ring |
| s | 0,5 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