

**NA4901-XL**

Needle roller bearing

Needle roller bearing NA49...-XL, single row, with inner ring, outer ring with 2 bords

X-life

Technical information



Your current product variant

| | |
|---------|----------|
| Cage | Standard |
| Coating | Without |

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|-----------------------------------|
| d | 12 mm | Bore diameter |
| D | 24 mm | Outside diameter |
| B | 13 mm | Width |
| C _r | 10.600 N | Basic dynamic load rating, radial |
| C _{0r} | 10.900 N | Basic static load rating, radial |
| C _{ur} | 1.970 N | Fatigue load limit, radial |
| n _G | 23.200 1/min | Limiting speed |
| n _{gr} | 14.200 1/min | Reference speed |
| m | 0,027 kg | Weight |

Dimensions

| | | |
|------------------|--------|-----------------------------|
| F | 16 mm | Raceway diameter inner ring |
| r _{min} | 0,3 mm | Minimum chamfer dimension |
| s | 0,5 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