**RNA4901-2RSR-XL**

Radial roller bearing

Needle roller bearings RNA49...2RSR,
dimension series 49, lip seals on both sides

X-life

Technical information



Your current product variant

| | | |
|------------------|----------|----------------------------|
| Cage | Standard | |
| Lubrication hole | With | With |
| Coating | Without | |
| Type of Seal | 2RSR | Contact seal on both sides |
| Special features | Without | |
| Number of rows | 1 | Single-row design |

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|---------------------------------------|
| F_w | 16 mm | Under roller diameter |
| D | 24 mm | Outside diameter |
| B | 13 mm | Width |
| C_r | 8.600 N | Basic dynamic load rating, radial |
| C_{0r} | 8.300 N | Basic static load rating, radial |
| C_{ur} | 1.660 N | Fatigue load limit, radial |
| n_G | 13.900 1/min | Limiting speed |
| n_G Grease | 13.900 1/min | Limiting speed for grease lubrication |
| m | 0,018 kg | Weight |





Dimensions

| | | |
|-----------|--------|---------------------------|
| r_{min} | 0,3 mm | Minimum chamfer dimension |
| C | 13 mm | Width, outer ring |

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -20 °C | Operating temperature min. |
| T_{max} | 100 °C | Operating temperature max. |

Characteristics

-  Radial load
-  Grease Lubrication
-  Sealed on both sides
-  Small design envelope