

**RNA6909-ZW-XL**

Radial roller bearing

Needle roller bearings RNA69...ZW,
Dimension series 69, double row

X-life

Technical information



Your current product variant

| | | |
|------------------|----------|-------------------|
| Cage | Standard | |
| Lubrication hole | With | With |
| Coating | Without | |
| Sealing | Without | |
| Special features | Without | |
| Number of rows | ZW | Double-row design |

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|---------------------------------------|
| F_w | 52 mm | Under roller diameter |
| D | 68 mm | Outside diameter |
| C_r | 79.000 N | Basic dynamic load rating, radial |
| C_{0r} | 127.000 N | Basic static load rating, radial |
| C_{ur} | 21.800 N | Fatigue load limit, radial |
| n_G | 8.600 1/min | Limiting speed |
| n_G Grease | 5.200 1/min | Limiting speed for grease lubrication |
| n_{gr} | 4.950 1/min | Reference speed |
| m | 345,15 g | Weight |



Dimensions

| | | |
|------------|--------|---------------------------|
| r_{\min} | 0,6 mm | Minimum chamfer dimension |
| C | 40 mm | Width, outer ring |

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