

**RNA4910-XL**

Radial roller bearing

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X-life

## Technical information



## Your current product variant

|                  |          |                   |
|------------------|----------|-------------------|
| Cage             | Standard |                   |
| Lubrication hole | With     | With              |
| Coating          | Without  |                   |
| Sealing          | Without  |                   |
| Special features | Without  |                   |
| Number of rows   | 1        | Single-row design |

## Main Dimensions &amp; Performance Data

|                 |             |                                       |
|-----------------|-------------|---------------------------------------|
| $F_w$           | 58 mm       | Under roller diameter                 |
| $D$             | 72 mm       | Outside diameter                      |
| $B$             | 22 mm       | Width                                 |
| $C_r$           | 53.000 N    | Basic dynamic load rating, radial     |
| $C_{0r}$        | 80.000 N    | Basic static load rating, radial      |
| $C_{ur}$        | 14.100 N    | Fatigue load limit, radial            |
| $n_G$           | 7.800 1/min | Limiting speed                        |
| $n_{G, Grease}$ | 4.650 1/min | Limiting speed for grease lubrication |
| $n_{gr}$        | 4.350 1/min | Reference speed                       |
| $\approx m$     | 167,5 g     | Weight                                |








### Dimensions

|            |        |                           |
|------------|--------|---------------------------|
| $r_{\min}$ | 0,6 mm | Minimum chamfer dimension |
| C          | 22 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