

**RNA4876-XL**

Radial roller bearing

Radial roller bearing RNA...-XL

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 & Performance Data

| | | |
|-----------------|-------------|---------------------------------------|
| F_w | 415 mm | Under roller diameter |
| D | 480 mm | Outside diameter |
| B | 100 mm | Width |
| C_r | 1.130.000 N | Basic dynamic load rating, radial |
| C_{0r} | 2.900.000 N | Basic static load rating, radial |
| C_{ur} | 375.000 N | Fatigue load limit, radial |
| n_G | 1.130 1/min | Limiting speed |
| $n_{G, Grease}$ | 680 1/min | Limiting speed for grease lubrication |
| n_{gr} | 520 1/min | Reference speed |
| $\approx m$ | 30 kg | Weight |





Dimensions

| | | |
|------------|--------|---------------------------|
| r_{\min} | 2,1 mm | Minimum chamfer dimension |
| C | 100 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
-  Large bearing