

**RNA6906-ASR3-XL**

Radial roller bearing

Radial roller bearing RNA...-XL

X-life

Technical information

**Your current product variant**

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

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|---------------------------------------|
| F_w | 35 mm | Under roller diameter |
| D | 47 mm | Outside diameter |
| B | 30 mm | Width |
| C_r | 49.000 N | Basic dynamic load rating, radial |
| C_{0r} | 71.000 N | Basic static load rating, radial |
| C_{ur} | 13.100 N | Fatigue load limit, radial |
| n_G | 12.600 1/min | Limiting speed |
| $n_{G, Grease}$ | 7.500 1/min | Limiting speed for grease lubrication |
| n_{gr} | 6.600 1/min | Reference speed |
| m | 0,122 kg | Weight |








Dimensions

| | | |
|------------|--------|---------------------------|
| r_{\min} | 0,3 mm | Minimum chamfer dimension |
| C | 30 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