

RNA4905-RSR-XL

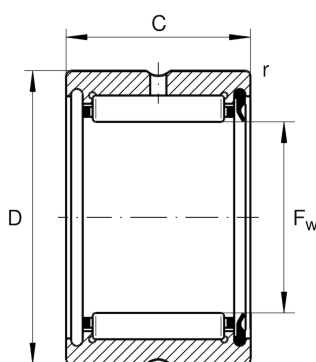
Radial roller bearing

Schaeffler ID:
0507729700000

Needle roller bearings RNA49...RSR,
dimension series 49, lip seal on one side

X-life

Technical information



Main Dimensions & Performance Data

| | | |
|------------------------|-------------|---------------------------------------|
| F_w | 30 mm | Under roller diameter |
| D | 42 mm | Outside diameter |
| C_r | 21,800 N | Basic dynamic load rating, radial |
| C_{0r} | 24,200 N | Basic static load rating, radial |
| C_{ur} | 4,650 N | Fatigue load limit, radial |
| n_G | 8,600 1/min | Limiting speed |
| $n_{G \text{ Grease}}$ | 8,600 1/min | Limiting speed for grease lubrication |
| | 62.2 g | Weight |

Dimensions

| | | |
|------------|--------|---------------------------|
| r_{\min} | 0.3 mm | Minimum chamfer dimension |
| C | 17 mm | Width, outer ring |

Temperature range

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