

**RNA49/28-XL**

Radial roller bearing

Schaeffler ID:
0506645490000

Radial roller bearing RNA..-XL

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|------------------------|--------------|---------------------------------------|
| F_w | 32 mm | Under roller diameter |
| D | 45 mm | Outside diameter |
| B | 17 mm | Width |
| C_r | 27,500 N | Basic dynamic load rating, radial |
| C_{0r} | 33,500 N | Basic static load rating, radial |
| C_{ur} | 6,200 N | Fatigue load limit, radial |
| n_G | 13,600 1/min | Limiting speed |
| $n_{G \text{ Grease}}$ | 8,200 1/min | Limiting speed for grease lubrication |
| n_{gr} | 7,600 1/min | Reference speed |
| | 74.83 g | Weight |

Dimensions

| | | |
|------------|----------|---------------------------|
| r_{\min} | 0.3 mm | Minimum chamfer dimension |
| | G32X45X4 | Sealing ring |
| C | 17 mm | Width, outer ring |

Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |