

**NK32/30-XL**

Needle roller bearing

Schaeffler ID:
0507542110000

Needle roller bearings NK, light series

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|----------|--------------|-----------------------------------|
| F_w | 32 mm | Under roller diameter |
| D | 42 mm | Outside diameter |
| C | 30 mm | Width, outer ring |
| C_r | 39,000 N | Basic dynamic load rating, radial |
| C_{0r} | 63,000 N | Basic static load rating, radial |
| C_{ur} | 11,900 N | Fatigue load limit, radial |
| n_G | 14,000 1/min | Limiting speed |
| n_{gr} | 8,200 1/min | Reference speed |
| | 101.66 g | Weight |

Additional information

| | | |
|-----------|-----------|---------------------------|
| r_{min} | 0.3 mm | Minimum chamfer dimension |
| | G32X42X4 | Sealing ring |
| | SD32X42X4 | Sealing ring 2 |

Temperature range

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