

**NK40/30-XL**

Needle roller bearing

Schaeffler ID:
0507542970000

Needle roller bearings NK, light series

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|----------|--------------|-----------------------------------|
| F_w | 40 mm | Under roller diameter |
| D | 50 mm | Outside diameter |
| C | 30 mm | Width, outer ring |
| C_r | 44,000 N | Basic dynamic load rating, radial |
| C_{0r} | 79,000 N | Basic static load rating, radial |
| C_{ur} | 14,900 N | Fatigue load limit, radial |
| n_G | 11,400 1/min | Limiting speed |
| n_{gr} | 6,700 1/min | Reference speed |
| | 0.124 kg | Weight |

Additional information

| | | |
|-----------|-----------|---------------------------|
| r_{min} | 0.3 mm | Minimum chamfer dimension |
| | G40X50X4 | Sealing ring |
| | SD40X50X4 | Sealing ring 2 |

Temperature range

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