

**NK18/16-XL**

Needle roller bearing

Schaeffler ID:
0507535090000

Needle roller bearings NK, light series

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|----------|--------------|-----------------------------------|
| F_w | 18 mm | Under roller diameter |
| D | 26 mm | Outside diameter |
| C | 16 mm | Width, outer ring |
| C_r | 14,100 N | Basic dynamic load rating, radial |
| C_{0r} | 16,200 N | Basic static load rating, radial |
| C_{ur} | 3,050 N | Fatigue load limit, radial |
| n_G | 22,100 1/min | Limiting speed |
| n_{gr} | 14,400 1/min | Reference speed |
| | 0.025 kg | Weight |

Additional information

| | | |
|-----------|-----------|---------------------------|
| r_{min} | 0.3 mm | Minimum chamfer dimension |
| | G18X26X4 | Sealing ring |
| | SD18X26X4 | Sealing ring 2 |

Temperature range

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