

**NK17/20-XL**

Needle roller bearing

Schaeffler ID:
0507534950000

Needle roller bearings NK, light series

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|----------|--------------|-----------------------------------|
| F_w | 17 mm | Under roller diameter |
| D | 25 mm | Outside diameter |
| C | 20 mm | Width, outer ring |
| C_r | 17,100 N | Basic dynamic load rating, radial |
| C_{0r} | 20,400 N | Basic static load rating, radial |
| C_{ur} | 3,600 N | Fatigue load limit, radial |
| n_G | 22,600 1/min | Limiting speed |
| n_{gr} | 15,000 1/min | Reference speed |
| | 30 g | Weight |

Additional information

| | | |
|-----------|-----------|---------------------------|
| r_{min} | 0.3 mm | Minimum chamfer dimension |
| | G17X25X3 | Sealing ring |
| | SD17X25X3 | Sealing ring 2 |

Temperature range

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