

**NK5/10-TV-XL**

Needle roller bearing

Schaeffler ID:
0507525960000

Needle roller bearings NK, light series

X-life

Technical information

**Main Dimensions & Performance Data**

| | | |
|----------|--------------|-----------------------------------|
| F_w | 5 mm | Under roller diameter |
| D | 10 mm | Outside diameter |
| C | 10 mm | Width, outer ring |
| C_r | 2,650 N | Basic dynamic load rating, radial |
| C_{0r} | 1,920 N | Basic static load rating, radial |
| C_{ur} | 300 N | Fatigue load limit, radial |
| n_G | 39,000 1/min | Limiting speed |
| n_{gr} | 55,000 1/min | Reference speed |
| | 3.1 g | Weight |

Additional information

| | | |
|-----------|----------|---------------------------|
| r_{min} | 0.15 mm | Minimum chamfer dimension |
| | GR5X10X2 | Sealing ring |

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -20 °C | Operating temperature min. |
| T_{max} | 120 °C | Operating temperature max. |