

★ NK5/10-TV-XL

Needle roller bearing

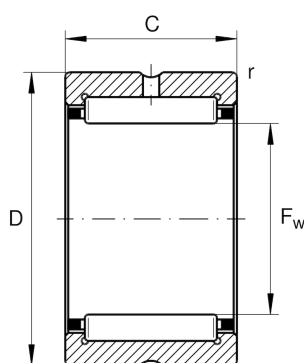
Schaeffler ID:
0507525960000

Needle roller bearings NK, light series

★ Preferred product

X-life

Technical information



Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -20 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |
| | 3,1 g | Weight |

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 |

Dimensions

| | | |
|------------|---------|---------------------------|
| r_{\min} | 0,15 mm | Minimum chamfer dimension |
|------------|---------|---------------------------|

Additional information

| | | |
|--|----------|--------------|
| | GR5X10X2 | Sealing ring |
|--|----------|--------------|