

## ★ NK80/35-XL

Needle roller bearing

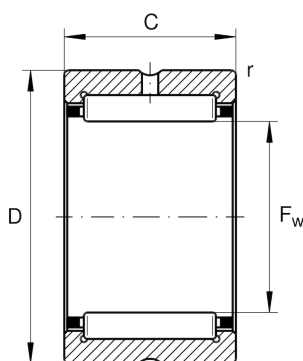
Schaeffler ID:  
0507546530000

Needle roller bearings NK, light series

★ Preferred product

X-life

### Technical information



#### Temperature range

|            |          |                            |
|------------|----------|----------------------------|
| $T_{\min}$ | -30 °C   | Operating temperature min. |
| $T_{\max}$ | 120 °C   | Operating temperature max. |
|            | 0,004 kg | Weight                     |

#### Main Dimensions & Performance Data

|          |             |                                   |
|----------|-------------|-----------------------------------|
| $F_w$    | 80 mm       | Under roller diameter             |
| $D$      | 95 mm       | Outside diameter                  |
| $C$      | 35 mm       | Width, outer ring                 |
| $C_r$    | 89.000 N    | Basic dynamic load rating, radial |
| $C_{0r}$ | 184.000 N   | Basic static load rating, radial  |
| $C_{ur}$ | 33.000 N    | Fatigue load limit, radial        |
| $n_G$    | 5.800 1/min | Limiting speed                    |
| $n_{gr}$ | 3.650 1/min | Reference speed                   |

#### Dimensions

|            |      |                           |
|------------|------|---------------------------|
| $r_{\min}$ | 1 mm | Minimum chamfer dimension |
|------------|------|---------------------------|