



## ★ NKI45/35-TV-XL

Needle roller bearing

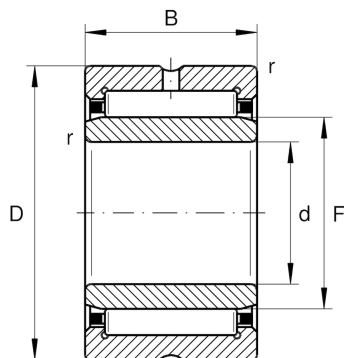
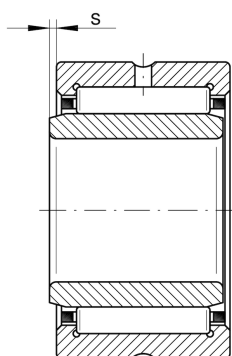
Schaeffler ID:  
0507623200000

Needle roller bearings NKI, light series

★ Preferred product

X-life

### Technical information



#### Temperature range

|            |          |                            |
|------------|----------|----------------------------|
| $T_{\min}$ | -20 °C   | Operating temperature min. |
| $T_{\max}$ | 120 °C   | Operating temperature max. |
|            | 0,003 kg | Weight                     |

#### Main Dimensions & Performance Data

|          |             |                                   |
|----------|-------------|-----------------------------------|
| d        | 45 mm       | Bore diameter                     |
| D        | 62 mm       | Outside diameter                  |
| B        | 35 mm       | Width                             |
| $C_r$    | 67.000 N    | Basic dynamic load rating, radial |
| $C_{0r}$ | 132.000 N   | Basic static load rating, radial  |
| $C_{ur}$ | 24.300 N    | Fatigue load limit, radial        |
| $n_G$    | 9.200 1/min | Limiting speed                    |
| $n_{gr}$ | 4.950 1/min | Reference speed                   |

#### Dimensions

|            |        |                             |
|------------|--------|-----------------------------|
| F          | 50 mm  | Raceway diameter inner ring |
| $r_{\min}$ | 0,6 mm | Minimum chamfer dimension   |
| s          | 2 mm   | Axial displacement          |