

**K3X5X7-TV/0-7**

## Needle roller cage assembly

Schaeffler ID:  
0000842126063Needle roller cage assembly K..-TV, single  
row

## Technical information

**Main Dimensions & Performance Data**

|          |              |  |
|----------|--------------|--|
| $F_w$    | 3 mm         | Inner diameter of needle roller complement   |
| $E_w$    | 5 mm         | Outside diameter of needle roller complement |
| $B_c$    | 7 mm         | Width  |
| $C_r$    | 1,540 N      | Basic dynamic load rating, radial            |
| $C_{0r}$ | 1,290 N      | Basic static load rating, radial             |
| $C_{ur}$ | 155 N        | Fatigue load limit, radial                   |
| $n_G$    | 50,000 1/min | Limiting speed                               |
| $n_{gr}$ | 78,000 1/min | Reference speed                              |
|          | 0.29 g       | Weight                                       |

**Temperature range**

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