

**K80X86X30/0-7**

Needle roller cage assembly

Needle roller cage assembly K, single row

## Technical information



## Your current product variant

|      |    |                   |
|------|----|-------------------|
| Cage | JN | Steel sheet metal |
|------|----|-------------------|

## Main Dimensions &amp; Performance Data

|          |             |  |
|----------|-------------|--|
| $F_w$    | 80 mm       | Inner diameter of needle roller complement   |
| $E_w$    | 86 mm       | Outside diameter of needle roller complement |
| $B_c$    | 30 mm       | Width  |
| $C_r$    | 56.000 N    | Basic dynamic load rating, radial            |
| $C_{0r}$ | 159.000 N   | Basic static load rating, radial             |
| $C_{ur}$ | 23.300 N    | Fatigue load limit, radial                   |
| $n_G$    | 5.900 1/min | Limiting speed                               |
| $n_{gr}$ | 3.600 1/min | Reference speed                              |
| $m$      | 0,115 kg    | Weight                                       |

## Temperature range

|           |        |                            |
|-----------|--------|----------------------------|
| $T_{min}$ | -30 °C | Operating temperature min. |
| $T_{max}$ | 140 °C | Operating temperature max. |



### Characteristics

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-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope