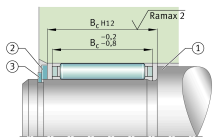
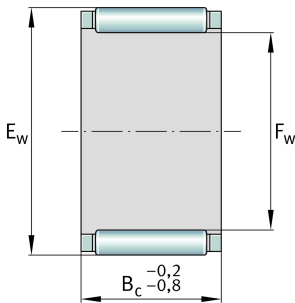


**K7X10X8-TV** [↗](#)

Needle roller cage assembly

Needle roller cage assembly K..-TV, single row

Technical information

**Your current product variant**

| | | |
|------|----|-----------------------------|
| Cage | TV | Plastic Cage made from PA66 |
|------|----|-----------------------------|

Main Dimensions & Performance Data






| | | |
|-------------|--------------|--|
| F_w | 7 mm | Inner diameter of needle roller complement |
| E_w | 10 mm | Outside diameter of needle roller complement |
| B_c | 8 mm | Width |
| C_r | 2.850 N | Basic dynamic load rating, radial |
| C_{0r} | 2.650 N | Basic static load rating, radial |
| C_{ur} | 335 N | Fatigue load limit, radial |
| n_G | 34.500 1/min | Limiting speed |
| n_{gr} | 36.000 1/min | Reference speed |
| $\approx m$ | 0,9 g | Weight |

Temperature range

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



Characteristics

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