

**K7X9X7-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
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Main Dimensions & Performance Data

F_w	7 mm	Inner diameter of needle roller complement
E_w	9 mm	Outside diameter of needle roller complement
B_c	7 mm	Width
C_r	1.680 N	Basic dynamic load rating, radial
C_{0r}	1.700 N	Basic static load rating, radial
C_{ur}	207 N	Fatigue load limit, radial
n_G	35.500 1/min	Limiting speed
n_{gr}	40.500 1/min	Reference speed
m	380,062 mg	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