

**K3X5X9-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	3 mm	Inner diameter of needle roller complement
E_w	5 mm	Outside diameter of needle roller complement
B_c	9 mm	Width
C_r	1.710 N	Basic dynamic load rating, radial
C_{0r}	1.480 N	Basic static load rating, radial
C_{ur}	192 N	Fatigue load limit, radial
n_G	50.000 1/min	Limiting speed
n_{gr}	80.000 1/min	Reference speed
$\approx m$	0,34 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