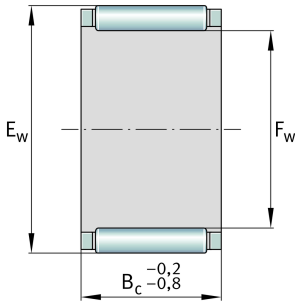


**K4X7X10-TV** [↗](#)

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	4 mm	Inner diameter of needle roller complement
E_w	7 mm	Outside diameter of needle roller complement
B_c	10 mm	Width
C_r	2.330 N	Basic dynamic load rating, radial
C_{0r}	1.840 N	Basic static load rating, radial
C_{ur}	241 N	Fatigue load limit, radial
n_G	42.500 1/min	Limiting speed
n_{gr}	59.000 1/min	Reference speed
m	0,714 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