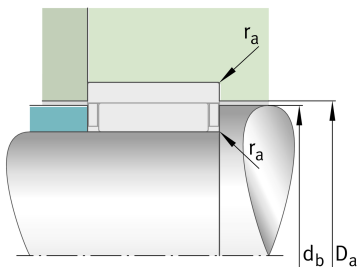
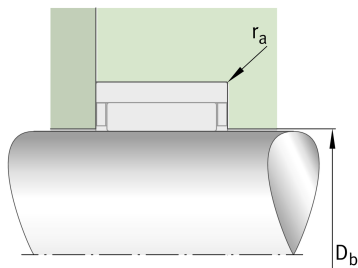
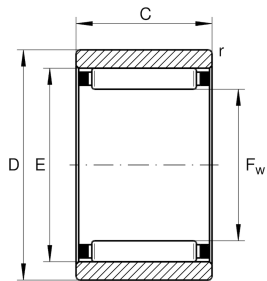
**RNAO5X10X8-TV-XL** [↗](#)

Needle roller bearing

Needle roller bearings RNAO, without ribs

X-life

Technical information

**Your current product variant**

Cage	TV	Plastic Cage made from PA66
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Main Dimensions & Performance Data

F_w	5 mm	Under roller diameter
D	10 mm	Outside diameter
C	8 mm	Width, outer ring
C_r	2.650 N	Basic dynamic load rating, radial
C_{0r}	1.920 N	Basic static load rating, radial
C_{ur}	300 N	Fatigue load limit, radial
n_G	39.000 1/min	Limiting speed
n_{gr}	53.000 1/min	Reference speed
m	0,002 kg	Weight

Mounting dimensions

D_b	5,3 mm	Shoulder diameter axial guidance NK/housing
d_b	7,7 mm	Shoulder diameter axial guidance NK/shaft
D_a	8,3 mm	Shoulder diameter outer ring
$r_{a \max}$	0,1 mm	Maximum recess radius



Dimensions

E	8 mm	Raceway diameter outer ring
r min	0,15 mm	Minimum chamfer dimension

Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Characteristics

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