

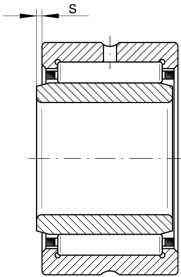
**NKI35/20-TV-XL-C3**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information



Your current product variant

Cage	TV	Plastic Cage made from PA66
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Coating	Without	

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	50 mm	Outside diameter
B	20 mm	Width
C_r	33.500 N	Basic dynamic load rating, radial
C_{0r}	56.000 N	Basic static load rating, radial
C_{ur}	10.000 N	Fatigue load limit, radial
n_G	11.400 1/min	Limiting speed
n_{gr}	6.100 1/min	Reference speed
m	0,121 kg	Weight

Dimensions

F	40 mm	Raceway diameter inner ring
r_{min}	0,3 mm	Minimum chamfer dimension
s	0,5 mm	Axial displacement



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