

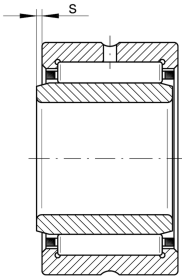
**NKI30/30-TV-XL-C3**

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 &amp; Performance Data

d	30 mm	Bore diameter
D	45 mm	Outside diameter
B	30 mm	Width
C <sub>r</sub>	46.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	81.000 N	Basic static load rating, radial
C <sub>ur</sub>	15.300 N	Fatigue load limit, radial
n <sub>G</sub>	12.900 1/min	Limiting speed
n <sub>gr</sub>	6.600 1/min	Reference speed
≈m	162,94 g	Weight

## Dimensions

F	35 mm	Raceway diameter inner ring
r <sub>min</sub>	0,3 mm	Minimum chamfer dimension
s	1 mm	Axial displacement



### Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.

### Characteristics

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