

**NKI35/30-XL-2S**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

## Technical information



## Your current product variant

Cage	Standard	
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (PN)
Lubrication hole	With	
Coating	Without	
Lubricant	Without	
Assorted bearings	2S	2 bearings sorted together

## Main Dimensions &amp; Performance Data

d	35 mm	Bore diameter
D	50 mm	Outside diameter
B	30 mm	Width
$C_r$	44.000 N	Basic dynamic load rating, radial
$C_{0r}$	79.000 N	Basic static load rating, radial
$C_{ur}$	14.900 N	Fatigue load limit, radial
$n_G$	11.400 1/min	Limiting speed
$n_{gr}$	6.200 1/min	Reference speed
$\approx m$	193 g	Weight



### Dimensions

F	40 mm	Raceway diameter inner ring
r <sub>min</sub>	0,3 mm	Minimum chamfer dimension
s	1 mm	Axial displacement

### Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

### Characteristics

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