

**NKI32/20-XL** [🔗](#)

Needle roller bearing

Needle roller bearings NKI, light series

X-life

## Technical information



## Your current product variant

Cage	Standard
Coating	Without

## Main Dimensions &amp; Performance Data

d	32 mm	Bore diameter
D	47 mm	Outside diameter
B	20 mm	Width
C <sub>r</sub>	28.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	43.500 N	Basic static load rating, radial
C <sub>ur</sub>	7.800 N	Fatigue load limit, radial
n <sub>G</sub>	12.300 1/min	Limiting speed
n <sub>gr</sub>	6.900 1/min	Reference speed
m	0,117 kg	Weight

## Dimensions

F	37 mm	Raceway diameter inner ring
r <sub>min</sub>	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