

**NK12/16-XL**

Needle roller bearing

Needle roller bearings NK, light series

X-life

## Technical information



## Your current product variant

Lubricant	Without	
Cage	Standard	
Cage feature	Standard	
Tolerance class	PN	Normal

## Main Dimensions &amp; Performance Data

$F_w$	12 mm	Under roller diameter
$D$	19 mm	Outside diameter
$C$	16 mm	Width, outer ring
$C_r$	10.100 N	Basic dynamic load rating, radial
$C_{0r}$	11.000 N	Basic static load rating, radial
$C_{ur}$	1.950 N	Fatigue load limit, radial
$n_G$	26.500 1/min	Limiting speed
$n_{gr}$	21.600 1/min	Reference speed
$\approx m$	15,7 g	Weight

## Dimensions

$r_{min}$	0,3 mm	Minimum chamfer dimension
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### Temperature range

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

### Additional information

G12X19X3	Sealing ring
SD12X19X3	Sealing ring 2

### Characteristics

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