

**NK12/12-OS-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 & Performance Data

F_w	12 mm	Under roller diameter
D	19 mm	Outside diameter
C	12 mm	Width, outer ring
C_r	7.200 N	Basic dynamic load rating, radial
C_{0r}	7.100 N	Basic static load rating, radial
C_{ur}	1.310 N	Fatigue load limit, radial
n_G	26.500 1/min	Limiting speed
n_{gr}	22.400 1/min	Reference speed
$\approx m$	12,05 g	Weight

Dimensions

r_{min}	0,3 mm	Minimum chamfer dimension
-----------	--------	---------------------------








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