

**NKI85/36-XL-C3**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information



Your current product variant

Cage	Standard	
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Coating	Without	

Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	115 mm	Outside diameter
B	36 mm	Width
C_r	121.000 N	Basic dynamic load rating, radial
C_{0r}	223.000 N	Basic static load rating, radial
C_{ur}	40.500 N	Fatigue load limit, radial
n_G	4.850 1/min	Limiting speed
n_{gr}	2.950 1/min	Reference speed
$\approx m$	1,035 kg	Weight

Dimensions

F	95 mm	Raceway diameter inner ring
r_{min}	1 mm	Minimum chamfer dimension
s	1,5 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