

**NKI25/20-F-XL-C3**

Needle roller bearing

Needle roller bearing NKI...-F-XL, single row, with inner ring, outer ring with 2 bords

X-life

Technical information



Your current product variant

Cage	F	Cage of steel
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Coating	Without	

Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	38 mm	Outside diameter
B	20 mm	Width
C_r	24.700 N	Basic dynamic load rating, radial
C_{0r}	34.000 N	Basic static load rating, radial
C_{ur}	6.100 N	Fatigue load limit, radial
n_G	15.300 1/min	Limiting speed
n_{gr}	8.500 1/min	Reference speed
m	78 g	Weight

Dimensions

F	29 mm	Raceway diameter inner ring
r_{min}	0,3 mm	Minimum chamfer dimension
s	1 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