

**NA49/32-XL-C3** [↗](#)

Needle roller bearing

Needle roller bearing NA49..-XL, single row, with inner ring, outer ring with 2 bords

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	32 mm	Bore diameter
D	52 mm	Outside diameter
B	20 mm	Width
C_r	34.500 N	Basic dynamic load rating, radial
C_{0r}	47.500 N	Basic static load rating, radial
C_{ur}	9.100 N	Fatigue load limit, radial
n_G	11.100 1/min	Limiting speed
n_{gr}	6.000 1/min	Reference speed
m	159,3 g	Weight

Dimensions

F	40 mm	Raceway diameter inner ring
r_{min}	0,6 mm	Minimum chamfer dimension
s	0,8 mm	Axial displacement



Temperature range

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

Characteristics

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