

**NA4905-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	25 mm	Bore diameter
D	42 mm	Outside diameter
B	17 mm	Width
C _r	26.500 N	Basic dynamic load rating, radial
C _{0r}	31.500 N	Basic static load rating, radial
C _{ur}	5.800 N	Fatigue load limit, radial
n _G	14.400 1/min	Limiting speed
n _{gr}	7.700 1/min	Reference speed
≈m	90,15 g	Weight

Dimensions

F	30 mm	Raceway diameter inner ring
r _{min}	0,3 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



Radial load



Grease Lubrication



Oil Lubrication



Not sealed



Small design envelope