

**NK47/20-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 (DIN 620-2)

Main Dimensions & Performance Data

F_w	47 mm	Under roller diameter
D	57 mm	Outside diameter
C	20 mm	Width, outer ring
C_r	32.500 N	Basic dynamic load rating, radial
C_{0r}	56.000 N	Basic static load rating, radial
C_{ur}	10.100 N	Fatigue load limit, radial
n_G	9.800 1/min	Limiting speed
n_{gr}	6.000 1/min	Reference speed
$\approx m$	93,34 g	Weight

Dimensions

r_{min}	0,3 mm	Minimum chamfer dimension
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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