

**NKS35-XL**

Needle roller bearing

Needle roller bearings NKS, heavy series

X-life

Technical information



Your current product variant

Lubricant	Without	
Cage	Standard	
Cage feature	Standard	
Tolerance class	PN	Normal

Main Dimensions & Performance Data

F_w	35 mm	Under roller diameter
D	50 mm	Outside diameter
C	22 mm	Width, outer ring
C_r	39.500 N	Basic dynamic load rating, radial
C_{0r}	47.000 N	Basic static load rating, radial
C_{ur}	8.200 N	Fatigue load limit, radial
n_G	12.300 1/min	Limiting speed
n_{gr}	7.400 1/min	Reference speed
$\approx m$	120 g	Weight

Dimensions

r_{min}	0,6 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

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