

**NK105/36-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

Main Dimensions & Performance Data

F_w	105 mm	Under roller diameter
D	125 mm	Outside diameter
C	36 mm	Width, outer ring
C_r	129.000 N	Basic dynamic load rating, radial
C_{0r}	250.000 N	Basic static load rating, radial
C_{ur}	44.500 N	Fatigue load limit, radial
n_G	4.400 1/min	Limiting speed
n_{gr}	2.850 1/min	Reference speed
m	0,707 kg	Weight

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
-----------	------	---------------------------



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