

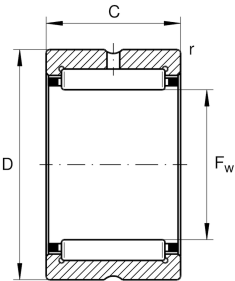
**NK110/30-XL**

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 (PN)

Main Dimensions & Performance Data

$F_w$	110 mm	Under roller diameter
$D$	130 mm	Outside diameter
$C$	30 mm	Width, outer ring
$C_r$	111,000 N	Basic dynamic load rating, radial
$C_{0r}$	210,000 N	Basic static load rating, radial
$C_{ur}$	36,000 N	Fatigue load limit, radial
$n_G$	4,200 1/min	Limiting speed
$n_{gr}$	2,800 1/min	Reference speed
$\approx m$	0.607 kg	Weight

Dimensions






$r_{min}$	1.1 mm	Minimum chamfer dimension
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Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

Characteristics

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