

**NK45/20-F-XL**

## Needle roller bearing

Needle roller bearing NK..-F-XL, single row,  
no inner ring, outer ring with 2 bords

X-life

## Technical information



## Your current product variant

Lubricant	Without	
Cage	F	Cage of steel
Cage feature	Standard	
Tolerance class	PN	Normal

## Main Dimensions &amp; Performance Data

$F_w$	45 mm	Under roller diameter
$D$	55 mm	Outside diameter
$C$	20 mm	Width, outer ring
$C_r$	31.000 N	Basic dynamic load rating, radial
$C_{0r}$	53.000 N	Basic static load rating, radial
$C_{ur}$	9.400 N	Fatigue load limit, radial
$n_G$	10.200 1/min	Limiting speed
$n_{gr}$	6.200 1/min	Reference speed
$\approx m$	90,2 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.

### Additional information

G45X55X4	Sealing ring
SD45X55X4	Sealing ring 2

### Characteristics

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