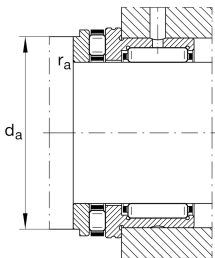
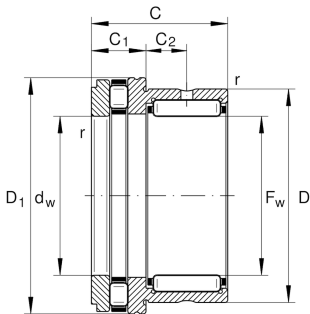
**NKXR50-XL**

## Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings  
NKXR, axial component, single direction, to  
DIN 5429, without end cap, for oil lubrication

X-life

## Technical information



## Your current product variant

Sealing	Without	
Tolerance class	PN	Normal (PN)

## Main Dimensions &amp; Performance Data

$F_w$	50 mm	Bore diameter
$D$	62 mm	Outside diameter
$C$	35 mm	Height
$C_r$	43.000 N	Basic dynamic load rating, radial
$C_{0r}$	74.000 N	Basic static load rating, radial
$C_a$	62.000 N	Basic dynamic load rating, axial
$C_{0a}$	177.000 N	Basic static load rating, axial
$C_{ur}$	12.900 N	Fatigue load limit, radial
$C_{ua}$	17.700 N	Fatigue load limit, axial
$n_G$	4.800 1/min	Limiting speed
$n_{gr}$	1.700 1/min	Reference speed
$\approx m$	267,82 g	Weight

## Mounting dimensions

$d_a$	65,5 mm	Mounting dimension shaft shoulder
$r_{a \max}$	0,6 mm	Maximum recess radius



### Dimensions

D 1 max	70,2 mm	Maximum outside diameter flange
C 1	14 mm	Width of the axial bearing component
C 2	10 mm	Distance to lubrication hole
d <sub>w</sub>	50 mm	Bore diameter of shaft washer
r <sub>min</sub>	0,6 mm	Minimum chamfer dimension






### Temperature range

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

### Additional information

IR45X50X25-XL	Suitable inner rings IR
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### Characteristics

-  Radial load
-  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed