

**NKX70-XL**

## Needle roller/axial ball bearing

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

X-life

## Technical information



## Your current product variant

Sealing	Without
Cage	Standard

## Main Dimensions &amp; Performance Data

$F_w$	70 mm	Bore diameter
$D$	85 mm	Outside diameter
$C$	40 mm	Height
$C_r$	50.000 N	Basic dynamic load rating, radial
$C_{0r}$	92.000 N	Basic static load rating, radial
$C_a$	43.000 N	Basic dynamic load rating, axial
$C_{0a}$	127.000 N	Basic static load rating, axial
$C_{ur}$	16.000 N	Fatigue load limit, radial
$C_{ua}$	6.300 N	Fatigue load limit, axial
$n_G$	2.400 1/min	Limiting speed
$\approx m$	554,34 g	Weight

## Mounting dimensions

$d_a$	90,5 mm	Mounting dimension shaft shoulder
$r_{a \max}$	1 mm	Maximum recess radius



## Dimensions

D 1 max	95,2 mm	Maximum outside diameter flange
D 2 max	95,2 mm	Maximum outside diameter flange
C 1	18 mm	Width of the axial bearing component
C 1	11 mm	Distance to lubrication hole
C 2	11 mm	Distance to lubrication hole
d w	70 mm	Bore diameter of shaft washer
r min	1 mm	Minimum chamfer dimension

## Temperature range






T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

## Additional information

IR60X70X25-XL

Suitable inner rings IR

## Characteristics

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