

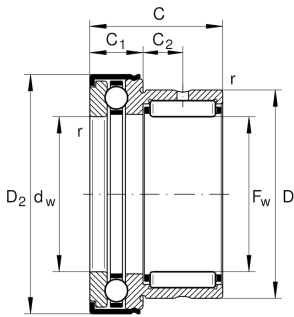
**NKX30-Z-XL**

## Needle roller/axial ball bearing

Needle roller/axial ball bearings NKX...-Z, axial component, single direction, to DIN 5429, with end cap, for grease lubrication

X-life

## Technical information



## Your current product variant

Sealing	Z	Bearing with end cap
Cage	Standard	

## Main Dimensions &amp; Performance Data

$F_w$	30 mm	Bore diameter
D	42 mm	Outside diameter
C	30 mm	Height
$C_r$	25.500 N	Basic dynamic load rating, radial
$C_{0r}$	36.000 N	Basic static load rating, radial
$C_a$	20.400 N	Basic dynamic load rating, axial
$C_{0a}$	42.000 N	Basic static load rating, axial
$C_{ur}$	6.400 N	Fatigue load limit, radial
$C_{ua}$	2.090 N	Fatigue load limit, axial
$n_G$	5.000 1/min	Limiting speed
$\approx m$	144,16 g	Weight

## Mounting dimensions

$d_a$	42,7 mm	Mounting dimension shaft shoulder
$r_{a \max}$	0,6 mm	Maximum recess radius



## Dimensions

D 1 max	48,2 mm	Maximum outside diameter flange
D 2 max	48,2 mm	Maximum outside diameter flange
C 1	11 mm	Width of the axial bearing component
C 1	9,5 mm	Distance to lubrication hole
C 2	9,5 mm	Distance to lubrication hole
d w	30 mm	Bore diameter of shaft washer
r min	0,6 mm	Minimum chamfer dimension

## Temperature range

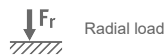
T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

## Additional information

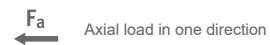
IR25X30X20-XL

Suitable inner rings IR

## Characteristics



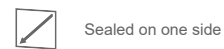
Radial load



Axial load in one direction



Grease Lubrication



Sealed on one side