

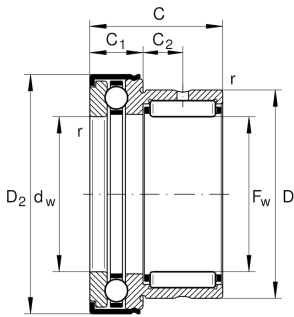
**NKX12-Z-XL**

## 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

$F_w$	12 mm	Bore diameter
D	21 mm	Outside diameter
C	23 mm	Height
$C_r$	10.100 N	Basic dynamic load rating, radial
$C_{0r}$	11.000 N	Basic static load rating, radial
$C_a$	10.300 N	Basic dynamic load rating, axial
$C_{0a}$	15.400 N	Basic static load rating, axial
$C_{ur}$	1.950 N	Fatigue load limit, radial
$C_{ua}$	760 N	Fatigue load limit, axial
$n_G$	11.000 1/min	Limiting speed
$m$	42,73 g	Weight

## Mounting dimensions

$d_a$	21,7 mm	Mounting dimension shaft shoulder
$r_{a \max}$	0,3 mm	Maximum recess radius



### Dimensions

D 1 max	27,2 mm	Maximum outside diameter flange
D 2 max	27,2 mm	Maximum outside diameter flange
C 1	9 mm	Width of the axial bearing component
C 1	6,5 mm	Distance to lubrication hole
C 2	6,5 mm	Distance to lubrication hole
d w	12 mm	Bore diameter of shaft washer
r min	0,3 mm	Minimum chamfer dimension

### Temperature range





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

### Additional information

IR9X12X16-XL

Suitable inner rings IR

### Characteristics

-  Radial load
-  Axial load in one direction
-  Grease Lubrication
-  Sealed on one side