

**NKX15-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

$F_w$	15 mm	Bore diameter
D	24 mm	Outside diameter
C	23 mm	Height
$C_r$	12.100 N	Basic dynamic load rating, radial
$C_{0r}$	12.700 N	Basic static load rating, radial
$C_a$	10.500 N	Basic dynamic load rating, axial
$C_{0a}$	16.800 N	Basic static load rating, axial
$C_{ur}$	2.360 N	Fatigue load limit, radial
$C_{ua}$	830 N	Fatigue load limit, axial
$n_G$	9.500 1/min	Limiting speed
$\approx m$	46,13 g	Weight

## Mounting dimensions

$d_a$	23,7 mm	Mounting dimension shaft shoulder
$r_{a \max}$	0,3 mm	Maximum recess radius



### Dimensions

D 1 max	29,2 mm	Maximum outside diameter flange
D 2 max	29,2 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 <sub>w</sub>	15 mm	Bore diameter of shaft washer
r <sub>min</sub>	0,3 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

IR12X15X16-XL

Suitable inner rings IR

### Characteristics

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