

**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 & 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 w	15 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

IR12X15X16-XL

Suitable inner rings IR

Characteristics

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