

**NKX35-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

Type of Seal	Z	Bearing with end cap
Cage	Standard	

Main Dimensions & Performance Data

F_w	35 mm	Bore diameter
D	47 mm	Outside diameter
C	30 mm	Height
C_r	27.500 N	Basic dynamic load rating, radial
C_{0r}	41.500 N	Basic static load rating, radial
C_a	21.200 N	Basic dynamic load rating, axial
C_{0a}	47.000 N	Basic static load rating, axial
C_{ur}	7.400 N	Fatigue load limit, radial
C_{ua}	2.340 N	Fatigue load limit, axial
n_G	4.600 1/min	Limiting speed
$\approx m$	166,8 g	Weight

Mounting dimensions

d_a	47,7 mm	Mounting dimension shaft shoulder
$r_{a \max}$	0,6 mm	Maximum recess radius



Dimensions

D 1 max	53,2 mm	Maximum outside diameter flange
D 2 max	53,2 mm	Maximum outside diameter flange
C 1	12 mm	Width of the axial bearing component
C 1	9 mm	Distance to lubrication hole
C 2	9 mm	Distance to lubrication hole
d w	35 mm	Bore diameter of shaft washer
r min	0,6 mm	Minimum chamfer dimension

Temperature range

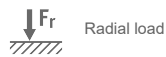
T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Additional information

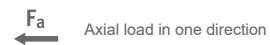
IR30X35X20-XL

Suitable inner rings IR

Characteristics



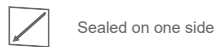
Radial load



Axial load in one direction



Grease Lubrication



Sealed on one side