

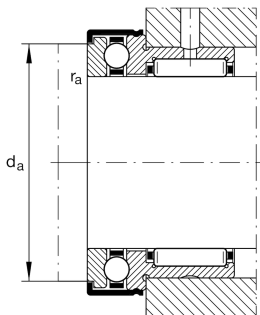
**NKX60-Z-XL**

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	60 mm	Bore diameter
D	72 mm	Outside diameter
C	40 mm	Height
C_r	47.500 N	Basic dynamic load rating, radial
C_{0r}	90.000 N	Basic static load rating, radial
C_a	41.500 N	Basic dynamic load rating, axial
C_{0a}	113.000 N	Basic static load rating, axial
C_{ur}	15.600 N	Fatigue load limit, radial
C_{ua}	5.600 N	Fatigue load limit, axial
n_G	2.800 1/min	Limiting speed
$\approx m$	454,6 g	Weight

Mounting dimensions

d_a	80,5 mm	Mounting dimension shaft shoulder
$r_{a \max}$	1 mm	Maximum recess radius



Dimensions

D 1 max	86,5 mm	Maximum outside diameter flange
D 2 max	86,5 mm	Maximum outside diameter flange
C 1	17 mm	Width of the axial bearing component
C 1	12 mm	Distance to lubrication hole
C 2	12 mm	Distance to lubrication hole
d w	60 mm	Bore diameter of shaft washer
r min	1 mm	Minimum chamfer dimension

Temperature range

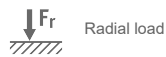
T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Additional information

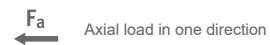
IR50X60X25-XL

Suitable inner rings IR

Characteristics



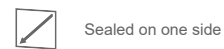
Radial load



Axial load in one direction



Grease Lubrication



Sealed on one side