

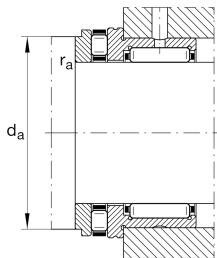
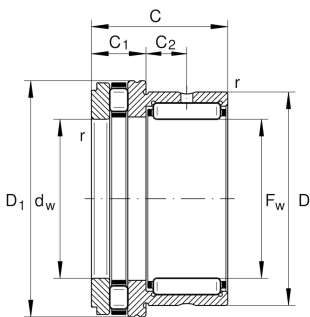
**NKXR35-XL**

Needle roller/axial cylindrical roller bearing

Needle roller/axial cylindrical roller bearings
NKXR, axial component, single direction, to
DIN 5429, without end cap, for oil lubrication

X-life

Technical information



Your current product variant

Sealing	Without	
Tolerance class	PN	Normal (PN)

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	39.000 N	Basic dynamic load rating, axial
C_{0a}	101.000 N	Basic static load rating, axial
C_{ur}	7.400 N	Fatigue load limit, radial
C_{ua}	9.600 N	Fatigue load limit, axial
n_G	6.500 1/min	Limiting speed
n_{gr}	2.500 1/min	Reference speed
$\approx m$	154,93 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	52,1 mm	Maximum outside diameter flange
C 1	12 mm	Width of the axial bearing component
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
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Characteristics

-  Radial load
-  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed