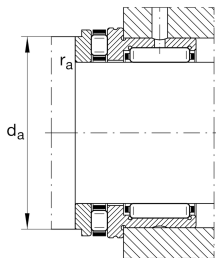
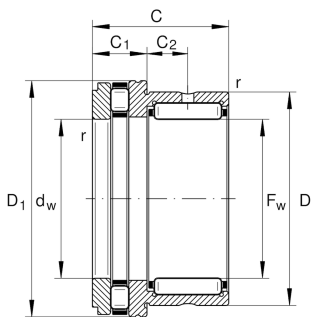
**NKXR35-XL**

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 brearing 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