



## ★ NKX35-XL

Needle roller/axial ball bearing

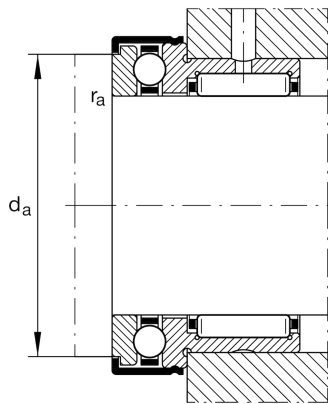
Schaeffler ID:  
0506048210000

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

★ Preferred product

X-life

### Technical information



#### Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.
	0,002 kg	Weight

#### 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

#### Dimensions

$D_{1max}$	52,1 mm	Maximum outside diameter flange
$D_{2max}$	52,1 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

#### Mounting dimensions

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

**Additional information**

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IR30X35X20-XL

Suitable inner rings IR