

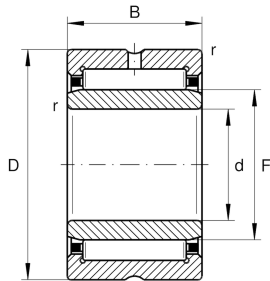
**NKIS50-XL**

Radial roller bearing

Needle roller bearings NKIS, heavy series

X-life

## Technical information



## Your current product variant

Cage	Standard	
Radial internal clearance	CN (Group N)	Normal internal clearance
Lubrication hole	With	With
Coating	Without	
Sealing	Without	
Special features	Without	
Number of rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	50 mm	Bore diameter
D	80 mm	Outside diameter
B	28 mm	Width
$C_r$	71.000 N	Basic dynamic load rating, radial
$C_{0r}$	98.000 N	Basic static load rating, radial
$C_{ur}$	17.600 N	Fatigue load limit, radial
$n_G$	7.400 1/min	Limiting speed
$n_{G, Grease}$	4.400 1/min	Limiting speed for grease lubrication
$n_{\vartheta r}$	4.250 1/min	Reference speed
$m$	0,526 kg	Weight



### Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
F	60 mm	Raceway diameter inner ring
s	2 mm	Axial displacement

### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope