

**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 & 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 _{gr}	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