

**NKI35/30-XL-2S**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information



Your current product variant

Cage	Standard	
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (DIN 620-2)
Lubrication hole	With	
Coating	Without	
Lubricant	Without	
Assorted bearings	2S	2 bearings sorted together

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	50 mm	Outside diameter
B	30 mm	Width
C_r	44.000 N	Basic dynamic load rating, radial
C_{0r}	79.000 N	Basic static load rating, radial
C_{ur}	14.900 N	Fatigue load limit, radial
n_G	11.400 1/min	Limiting speed
n_{gr}	6.200 1/min	Reference speed
m	191,122 g	Weight



Dimensions

F	40 mm	Raceway diameter inner ring
r _{min}	0,3 mm	Minimum chamfer dimension
s	1 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