

**NKI80/35-XL-C2**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

Technical information



Your current product variant

Cage	Standard
Coating	Without

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	110 mm	Outside diameter
B	35 mm	Width
C_r	116.000 N	Basic dynamic load rating, radial
C_{0r}	208.000 N	Basic static load rating, radial
C_{ur}	38.000 N	Fatigue load limit, radial
n_G	5.100 1/min	Limiting speed
n_{gr}	3.050 1/min	Reference speed
m	0,959 kg	Weight

Dimensions

F	90 mm	Raceway diameter inner ring
r_{min}	1 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