**NKIB5914-XL**

Needle roller/angular contact ball bearing

Needle roller/angular contact ball bearings
NKIB, double direction axial component

X-life

Technical information

**Main Dimensions & Performance Data**

d	70 mm	Bore diameter
D	100 mm	Outside diameter
B	45 mm	Width
C _r	95.000 N	Basic dynamic load rating, radial
C _{0r}	156.000 N	Basic static load rating, radial
C _a	16.800 N	Basic dynamic load rating, axial
C _{0a}	44.500 N	Basic static load rating, axial
C _{ur}	28.000 N	Fatigue load limit, radial
C _{ua}	2.020 N	Fatigue load limit, axial
n _G	5.800 1/min	Limiting speed
n _{gr}	4.900 1/min	Reference speed
≈m	1,019 kg	Weight

Dimensions








F	80 mm	Raceway diameter inner ring
C	40 mm	Width, outer ring
r _{min}	1 mm	Minimum chamfer dimension



Temperature range

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

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope