**NKIB5901-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	12 mm	Bore diameter
D	24 mm	Outside diameter
B	17,5 mm	Width
C _r	8.600 N	Basic dynamic load rating, radial
C _{0r}	8.300 N	Basic static load rating, radial
C _a	2.700 N	Basic dynamic load rating, axial
C _{0a}	3.450 N	Basic static load rating, axial
C _{ur}	1.660 N	Fatigue load limit, radial
C _{ua}	157 N	Fatigue load limit, axial
n _G	23.600 1/min	Limiting speed
n _{gr}	21.000 1/min	Reference speed
≈m	33,7 g	Weight

Dimensions








F	16 mm	Raceway diameter inner ring
C	16 mm	Width, outer ring
r _{min}	0,3 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