

**NKIB5909-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	45 mm	Bore diameter
D	68 mm	Outside diameter
B	34 mm	Width
C _r	51.000 N	Basic dynamic load rating, radial
C _{0r}	73.000 N	Basic static load rating, radial
C _a	9.600 N	Basic dynamic load rating, axial
C _{0a}	21.400 N	Basic static load rating, axial
C _{ur}	12.900 N	Fatigue load limit, radial
C _{ua}	970 N	Fatigue load limit, axial
n _G	8.700 1/min	Limiting speed
n _{gr}	7.000 1/min	Reference speed
≈m	391,8 g	Weight

Dimensions

F	52 mm	Raceway diameter inner ring
C	30 mm	Width, outer ring
r _{min}	0,6 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