

**NKIB5904-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	20 mm	Bore diameter
D	37 mm	Outside diameter
B	25 mm	Width
C _r	23.700 N	Basic dynamic load rating, radial
C _{0r}	25.500 N	Basic static load rating, radial
C _a	4.900 N	Basic dynamic load rating, axial
C _{0a}	7.400 N	Basic static load rating, axial
C _{ur}	4.700 N	Fatigue load limit, radial
C _{ua}	335 N	Fatigue load limit, axial
n _G	17.200 1/min	Limiting speed
n _{gr}	14.000 1/min	Reference speed
≈m	0,107 kg	Weight

Dimensions

F	25 mm	Raceway diameter inner ring
C	23 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