**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 <sub>r</sub>	23.700 N	Basic dynamic load rating, radial
C <sub>0r</sub>	25.500 N	Basic static load rating, radial
C <sub>a</sub>	4.900 N	Basic dynamic load rating, axial
C <sub>0a</sub>	7.400 N	Basic static load rating, axial
C <sub>ur</sub>	4.700 N	Fatigue load limit, radial
C <sub>ua</sub>	335 N	Fatigue load limit, axial
n <sub>G</sub>	17.200 1/min	Limiting speed
n <sub>gr</sub>	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 <sub>min</sub>	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