**NKIB5905-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	25 mm	Bore diameter
D	42 mm	Outside diameter
B	25 mm	Width
C <sub>r</sub>	26.500 N	Basic dynamic load rating, radial
C <sub>0r</sub>	31.500 N	Basic static load rating, radial
C <sub>a</sub>	5.400 N	Basic dynamic load rating, axial
C <sub>0a</sub>	9.300 N	Basic static load rating, axial
C <sub>ur</sub>	5.800 N	Fatigue load limit, radial
C <sub>ua</sub>	420 N	Fatigue load limit, axial
n <sub>G</sub>	14.600 1/min	Limiting speed
n <sub>gr</sub>	12.000 1/min	Reference speed
≈m	125,41 g	Weight

**Dimensions**








F	30 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