**NKIB5910-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 | 50 mm | Bore diameter |
| D | 72 mm | Outside diameter |
| B | 34 mm | Width |
| C _r | 53.000 N | Basic dynamic load rating, radial |
| C _{0r} | 80.000 N | Basic static load rating, radial |
| C _a | 10.100 N | Basic dynamic load rating, axial |
| C _{0a} | 24.300 N | Basic static load rating, axial |
| C _{ur} | 14.100 N | Fatigue load limit, radial |
| C _{ua} | 1.110 N | Fatigue load limit, axial |
| n _G | 8.000 1/min | Limiting speed |
| n _{gr} | 6.500 1/min | Reference speed |
| ≈m | 400,58 g | Weight |

Dimensions








| | | |
|------------------|--------|-----------------------------|
| F | 58 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