



Needle roller/axial ball bearings NX12 (Series NX)

single direction axial component, for oil lubrication

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (<http://www.ina.de/content.ina.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

| | |
|-----------------------|--|
| F _w | 12 mm |
| D | 21 mm |
| C | 18 mm Tolerance: -0,25 |
| 1) | Holes for lubricating oil |
| 2) | Mounting dimensions Snap ring in outer ring |
| C ₁ | 4,7 mm |
| C ₂ | 10 mm |
| D ₁ | 23,7 mm |
| d _a | 16,6 mm |
| d _w | 12 mm Tolerance: E8 |
| r _a max | 0,3 mm |
| r _{min} | 0,3 mm |
| m | 28 g Mass |
| C _r | 5400 N Basic dynamic load rating, radial |
| C _{0r} | 4300 N Basic static load rating, radial |
| C _a | 4850 N Basic dynamic load rating, axial |
| C _{0a} | 8200 N Basic static load rating, axial |
| C _{ur} | 830 N Fatigue limit load, radial |
| C _{ua} | 365 N Fatigue limit load, axial |
| n _G | 9500 1/min Limiting speed |
| | IR8X12X10-IS1 Suitable inner ring |
| | WR21, SW21 Suitable snap rings WR and SW |

