

# Cylindrical roller bearings

## NNU4922-S-M-SP (Series NNU49..-S)

non-locating bearing, double row, separable, with cage

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 selection system (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| d                      | 110 mm                                                         |
| D                      | 150 mm                                                         |
| B                      | 40 mm                                                          |
| D <sub>1</sub>         | 135,8 mm                                                       |
| D <sub>a</sub><br>max  | 139 mm Tolerance: H12                                          |
| d <sub>a</sub><br>min  | 122 mm Tolerance: h12                                          |
| D <sub>b</sub><br>min  | 139 mm                                                         |
| d <sub>s</sub>         | 3,2 mm                                                         |
| F                      | 123 mm                                                         |
| n <sub>s</sub>         | 6,5 mm                                                         |
| r <sub>a</sub><br>max  | 1,1 mm                                                         |
| r <sub>min</sub>       | 1,1 mm                                                         |
| s                      | 2 mm Axial displacement facility from central position         |
| m                      | 2,1 kg Mass                                                    |
| C <sub>r</sub>         | 132000 N Basic dynamic load rating, radial                     |
| C <sub>0r</sub>        | 270000 N Basic static load rating, radial                      |
| n <sub>G</sub><br>Fett | 5400 1/min Limiting speed for grease lubrication               |
| n <sub>G</sub><br>Öl   | 6300 1/min Limiting speed for minimal quantity oil lubrication |

|     |                                    |
|-----|------------------------------------|
| Cur | 34500 N Fatigue limit load, radial |
| CrL | 3170 spring stiffness, radial      |



