



# Spindle bearings B7020-C-T-P4S (Series B70..-C)

adjusted, in pairs or sets, contact angle  $\alpha = 15^\circ$ , restricted tolerances

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          | 100 mm  |
| D          | 150 mm  |
| B          | 24 mm   |
| a          | 29 mm   |
| Da         | 141 mm Tolerance: H12   |
| da         | 110 mm Tolerance: h12   |
| r1<br>min  | 1,5 mm  |
| ra1<br>max | 0,6 mm  |
| ra<br>max  | 1,5 mm  |
| rmin       | 1,5 mm  |
| $\alpha$   | 15 ° Contact angle  |
| m          | 1,24 kg Mass  |
| Cr         | 83000 N Basic dynamic load rating, radial                       |
| Cor        | 57000 N Basic static load rating, radial                        |
| nG<br>Fett | 9000 1/min Limiting speed for grease lubrication                |
| nG<br>Öl   | 14000 1/min Limiting speed for minimal quantity oil lubrication |
| Cur        | 5300 N Fatigue limit load, radial                               |



