

Cylindrical roller bearings NJ317-E-XL-TVP2 (Series NJ3..-E)

main dimensions to DIN 5412-1, semi-locating bearing, 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 (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

| | |
|--------------------|----------|
| d | 85 mm |
| D | 180 mm |
| B | 41 mm |
| | |
| D ₁ | 152,7 mm |
| d ₁ | 117,8 mm |
| D _{a max} | 166 mm |
| d _{a max} | 106 mm |
| d _{a min} | 99 mm |
| d _{c min} | 119 mm |
| E | 160 MM |
| F | 108 mm |

| | | |
|--------|------------|---|
| r1 min | 3 mm | |
| ra max | 2,5 mm | |
| rmin | 3 mm | |
| s | 1,3 mm | Axial displacement facility from central position |
| | HJ317-E | Designation, L-section ring |
| m | 4,71 kg | Mass |
| Cr | 320000 N | Basic dynamic load rating, radial |
| C0r | 300000 N | Basic static load rating, radial |
| Cur | 54000 N | Fatigue limit load, radial |
| nG | 4550 1/min | Limiting speed |
| nθr | 3900 1/min | Reference speed |



