

Needle roller bearings NCS1820 (Series NCS)

machined raceway to ABMA 18.2 - 1982, inch sizes

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 (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

| | | |
|----|------------|-----------------------------------|
| Fw | 1 1/8 inch | |
| Fw | 28,575 mm | |
| D | 1,625 inch | |
| D | 41,275 mm | |
| C | 1,25 inch | |
| C | 31,75 mm | |
| m | 0,28 lbs | Mass |
| m | 127 g | Mass |
| Cr | 10000 lbf | Basic dynamic load rating, radial |
| Cr | 44500 N | Basic dynamic load rating, radial |

| | | |
|----------|-------------|----------------------------------|
| C_{0r} | 15700 lbf | Basic static load rating, radial |
| C_{0r} | 70000 N | Basic static load rating, radial |
| n_G | 15000 1/min | Limiting speed |
| n_{9r} | 7600 1/min | Reference speed |

