

# Four point contact bearings

## VSU200544 (Series VSU20)

standard series 20, without gear teeth, lip seals on both sides

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.

|                                                                                       |          |                                                       |
|---------------------------------------------------------------------------------------|----------|-------------------------------------------------------|
| di                                                                                    | 472 mm   | Tolerance: +0,5/0                                     |
| Da                                                                                    | 616 mm   | Tolerance: 0/-0,5                                     |
| da                                                                                    | 542,5 mm | Tolerance: 0/-0,5                                     |
| Da                                                                                    | 614 mm   | Valid for bearings with centring (suffix ZT)          |
| ZT                                                                                    |          | Centring lengths (see dimension drawing)              |
|                                                                                       |          | Tolerance: -IT8                                       |
| Di                                                                                    | 545,5 mm | Tolerance: +0,5/0                                     |
| di                                                                                    | 474 mm   | Valid for bearings with centring (suffix ZT)          |
| ZT                                                                                    |          | Centring lengths (T, t) (see dimension drawing)       |
|                                                                                       |          | Tolerance: +IT8                                       |
| H                                                                                     | 56 mm    |                                                       |
| La                                                                                    | 590 mm   |                                                       |
| Li                                                                                    | 498 mm   |                                                       |
| na                                                                                    | 32       | Number of fixing holes in outer ring                  |
| ni                                                                                    | 32       | Number of fixing holes in inner ring                  |
| m                                                                                     | 37 kg    | Mass                                                  |
| Fr                                                                                    | 132200 N | Maximum permissible radial load against friction lock |
| per                                                                                   |          |                                                       |
| Ca                                                                                    | 188000 N | Basic dynamic load rating, axial                      |
| C0a                                                                                   | 740000 N | Basic static load rating, axial                       |
| Cr                                                                                    | 123000 N | Basic dynamic load rating, radial                     |
| C0r                                                                                   | 325000 N | Basic static load rating, radial                      |
| 4 taper type lubrication nipples, DIN 71412-A S8x1, spaced uniformly on circumference |          |                                                       |

