

## Tapered Roller Bearing

31300 Series-31320XJ2/CL7CVQ051



|                                     |                           |
|-------------------------------------|---------------------------|
| Designation                         | <b>31320XJ2/CL7CVQ051</b> |
| Principal dimensions [mm]           |                           |
| d1                                  | 100                       |
| D                                   | 215                       |
| B                                   | 56.5                      |
| Basic load ratings [kN]             |                           |
| dyc(Cr)                             | 430                       |
| stc(Cor)                            | 465                       |
| Pu                                  | <b>51</b>                 |
| Speed ratings [rpm]                 |                           |
| Speed Ratings                       | 2400                      |
| Limiting Speed                      | 3000                      |
| Weight(Kg)                          | 8.60                      |
| ISO335                              |                           |
| Dimensions (ABMA)                   | 7GB                       |
| Dimensions [mm]                     |                           |
| d                                   | 100                       |
| d1                                  | 158                       |
| B                                   | <b>51</b>                 |
| C                                   | 35                        |
| r1,2(min)                           | 4                         |
| r3,4(min)                           | <b>3</b>                  |
| a                                   | 65                        |
| Abutment and fillet dimensions [mm] |                           |
| da(max)                             | 121                       |
| db(min)                             | 115                       |
| Da(min)                             | 168                       |
| Da(max)                             | 201                       |
| Db(min)                             | 202                       |
| Ca(min)                             | <b>7</b>                  |
| Cb(min)                             | 21.5                      |
| ra(max)                             | <b>3</b>                  |
| rb(max)                             | 2.5                       |
| Value                               |                           |
| e                                   | 0.83                      |
| Y                                   | 0.72                      |
| Yo                                  | 0.4                       |