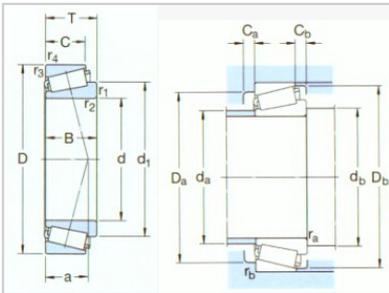


## Tapered Roller Bearing

### 31300 Series Tapered Roller Bearing-



|                                     |         |
|-------------------------------------|---------|
| Designation                         | 31319J2 |
| Principal dimensions [mm]           |         |
| d1                                  | 95      |
| D                                   | 200     |
| B                                   | 49.5    |
| Basic load ratings [kN]             |         |
| dyc(Cr)                             | 292     |
| stc(Cor)                            | 355     |
| Pu                                  | 39      |
| Speed ratings [rpm]                 |         |
| Speed Ratings                       | 2400    |
| Limiting Speed                      | 3400    |
| Weight(Kg)                          | 6.95    |
| ISO335                              |         |
| Dimensions (ABMA)                   | 7GB     |
| Dimensions [mm]                     |         |
| d                                   | 95      |
| d1                                  | 145     |
| B                                   | 45      |
| C                                   | 32      |
| r1,2(min)                           | 4       |
| r3,4(min)                           | 3       |
| a                                   | 60      |
| Abutment and fillet dimensions [mm] |         |
| da(max)                             | 114     |
| db(min)                             | 110     |
| Da(min)                             | 157     |
| Da(max)                             | 186     |
| Db(min)                             | 187     |
| Ca(min)                             | 5       |
| Cb(min)                             | 17.5    |
| ra(max)                             | 3       |
| rb(max)                             | 2.5     |
| Value                               |         |
| e                                   | 0.83    |
| Y                                   | 0.72    |
| Yo                                  | 0.4     |