

## Tapered Roller Bearing

### 30300 Series Tapered Roller Bearing-



|                                     |           |
|-------------------------------------|-----------|
| Designation                         | 30308J2/Q |
| Principal dimensions [mm]           |           |
| d1                                  | 40        |
| D                                   | 90        |
| B                                   | 25.25     |
| Basic load ratings [kN]             |           |
| dyc(Cr)                             | 100       |
| stc(Cor)                            | 95        |
| Pu                                  | 10.8      |
| Speed ratings [rpm]                 |           |
| Speed Ratings                       | 6300      |
| Limiting Speed                      | 8000      |
| Weight(Kg)                          | 0.72      |
| ISO335                              |           |
| Dimensions (ABMA)                   | 2FB       |
| Dimensions [mm]                     |           |
| d                                   | 40        |
| d1                                  | 62.5      |
| B                                   | 23        |
| C                                   | 20        |
| r1,2(min)                           | 2         |
| r3,4(min)                           | 1.5       |
| a                                   | 19        |
| Abutment and fillet dimensions [mm] |           |
| da(max)                             | 53        |
| db(min)                             | 49        |
| Da(min)                             | 77        |
| Da(max)                             | 81        |
| Db(min)                             | 82        |
| Ca(min)                             | 3         |
| Cb(min)                             | 5         |
| ra(max)                             | 2         |
| rb(max)                             | 1.5       |
| Value                               |           |
| e                                   | 0.35      |
| Y                                   | 1.7       |
| Yo                                  | 0.9       |