

## Tapered Roller Bearing

32300 Series-32310J2/Q

|                                     |                  |
|-------------------------------------|------------------|
| Designation                         | <b>32310J2/Q</b> |
| Principal dimensions [mm]           |                  |
| d1                                  | 50               |
| D                                   | 110              |
| B                                   | 42.25            |
| Basic load ratings [kN]             |                  |
| dyc(Cr)                             | 172              |
| stc(Cor)                            | 212              |
| Pu                                  | 24               |
| Speed ratings [rpm]                 |                  |
| Speed Ratings                       | 4300             |
| Limiting Speed                      | 6300             |
| Weight(Kg)                          | 1.80             |
| ISO335                              |                  |
| Dimensions (ABMA)                   | 2FD              |
| Dimensions [mm]                     |                  |
| d                                   | 50               |
| d1                                  | 77.7             |
| B                                   | 40               |
| C                                   | 33               |
| r1,2(min)                           | 2.5              |
| r3,4(min)                           | <b>2</b>         |
| a                                   | 27               |
| Abutment and fillet dimensions [mm] |                  |
| da(max)                             | 63               |
| db(min)                             | 60               |
| Da(min)                             | 90               |
| Da(max)                             | 100              |
| Db(min)                             | 102              |
| Ca(min)                             | 5                |
| Cb(min)                             | 9                |
| ra(max)                             | <b>2</b>         |
| rb(max)                             | <b>2</b>         |
| Value                               |                  |
| e                                   | 0.35             |
| Y                                   | 1.7              |
| Yo                                  | 0.9              |