

## Tapered Roller Bearing

### 32000 Series Tapered Roller Bearing-



|                                     |          |
|-------------------------------------|----------|
| Designation                         | 32005X/Q |
| Principal dimensions [mm]           |          |
| d1                                  | 25       |
| D                                   | 47       |
| B                                   | 15       |
| Basic load ratings [kN]             |          |
| dyc(Cr)                             | 31       |
| stc(Cor)                            | 32.5     |
| Pu                                  | 3.25     |
| Speed ratings [rpm]                 |          |
| Speed Ratings                       | 12000    |
| Limiting Speed                      | 14000    |
| Weight(Kg)                          | 0.11     |
| ISO335                              |          |
| Dimensions (ABMA)                   | 4CC      |
| Dimensions [mm]                     |          |
| d                                   | 25       |
| d1                                  | 36.5     |
| B                                   | 15       |
| C                                   | 11.5     |
| r1,2(min)                           | 0.6      |
| r3,4(min)                           | 0.6      |
| a                                   | 11       |
| Abutment and fillet dimensions [mm] |          |
| da(max)                             | 30       |
| db(min)                             | 30       |
| Da(min)                             | 40       |
| Da(max)                             | 42       |
| Db(min)                             | 44       |
| Ca(min)                             | 3        |
| Cb(min)                             | 3.5      |
| ra(max)                             | 0.6      |
| rb(max)                             | 0.6      |
| Value                               |          |
| e                                   | 0.43     |
| Y                                   | 1.4      |
| Yo                                  | 0.8      |