

## Tapered Roller Bearing

### 31300 Series Tapered Roller Bearing-



|                                     |         |
|-------------------------------------|---------|
| Designation                         | 31305J2 |
| Principal dimensions [mm]           |         |
| d1                                  | 25      |
| D                                   | 62      |
| B                                   | 18.25   |
| Basic load ratings [kN]             |         |
| dyc(Cr)                             | 38      |
| stc(Cor)                            | 40      |
| Pu                                  | 4.4     |
| Speed ratings [rpm]                 |         |
| Speed Ratings                       | 7500    |
| Limiting Speed                      | 11000   |
| Weight(Kg)                          | 0.26    |
| ISO335                              |         |
| Dimensions (ABMA)                   | 7FB     |
| Dimensions [mm]                     |         |
| d                                   | 25      |
| d1                                  | 45.8    |
| B                                   | 17      |
| C                                   | 13      |
| r1,2(min)                           | 1.5     |
| r3,4(min)                           | 1.5     |
| a                                   | 20      |
| Abutment and fillet dimensions [mm] |         |
| da(max)                             | 34      |
| db(min)                             | 32      |
| Da(min)                             | 47      |
| Da(max)                             | 55      |
| Db(min)                             | 59      |
| Ca(min)                             | 3       |
| Cb(min)                             | 5       |
| ra(max)                             | 1.5     |
| rb(max)                             | 1.5     |
| Value                               |         |
| e                                   | 0.83    |
| Y                                   | 0.72    |
| Yo                                  | 0.4     |