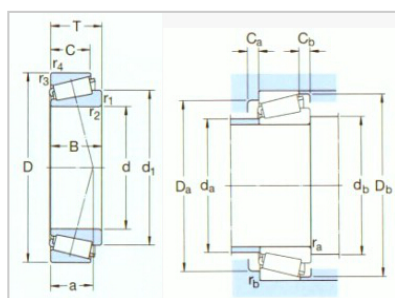


## Tapered Roller Bearing

### 30300 Series Tapered Roller Bearing-30316J2



|                                     |                |
|-------------------------------------|----------------|
| Designation                         | <b>30316J2</b> |
| Principal dimensions [mm]           |                |
| d1                                  | 80             |
| D                                   | 170            |
| B                                   | 42.5           |
| Basic load ratings [kN]             |                |
| dyc(Cr)                             | 270            |
| stc(Cor)                            | 320            |
| Pu                                  | 38             |
| Speed ratings [rpm]                 |                |
| Speed Ratings                       | 3000           |
| Limiting Speed                      | 4300           |
| Weight(Kg)                          | 4.10           |
| ISO335                              |                |
| Dimensions (ABMA)                   | 2GB            |
| Dimensions [mm]                     |                |
| d                                   | 80             |
| d1                                  | 120            |
| B                                   | 39             |
| C                                   | 33             |
| r1,2(min)                           | <b>3</b>       |
| r3,4(min)                           | 2.5            |
| a                                   | 33             |
| Abutment and fillet dimensions [mm] |                |
| da(max)                             | 102            |
| db(min)                             | 92             |
| Da(min)                             | 148            |
| Da(max)                             | 158            |
| Db(min)                             | 159            |
| Ca(min)                             | 5              |
| Cb(min)                             | 9.5            |
| ra(max)                             | 2.5            |
| rb(max)                             | <b>2</b>       |
| Value                               |                |
| e                                   | 0.35           |
| Y                                   | 1.7            |
| Yo                                  | 0.9            |