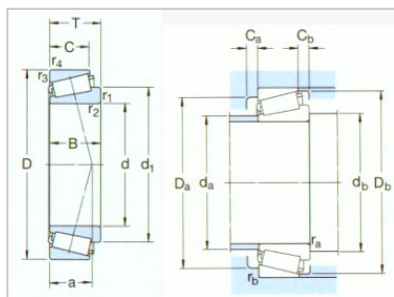


## Tapered Roller Bearing

### 33000 Series-33016/Q



|                                     |                |
|-------------------------------------|----------------|
| Designation                         | <b>33016/Q</b> |
| Principal dimensions [mm]           |                |
| d1                                  | 80             |
| D                                   | 125            |
| B                                   | 36             |
| Basic load ratings [kN]             |                |
| dyc(Cr)                             | 168            |
| stc(Cor)                            | 285            |
| Pu                                  | 32             |
| Speed ratings [rpm]                 |                |
| Speed Ratings                       | 3600           |
| Limiting Speed                      | 5000           |
| Weight(Kg)                          | 1.65           |
| ISO335                              |                |
| Dimensions (ABMA)                   | 2CE            |
| Dimensions [mm]                     |                |
| d                                   | 80             |
| d1                                  | 102            |
| B                                   | 36             |
| C                                   | 29.5           |
| r1,2(min)                           | 1.5            |
| r3,4(min)                           | 1.5            |
| a                                   | 26             |
| Abutment and fillet dimensions [mm] |                |
| da(max)                             | 90             |
| db(min)                             | 87             |
| Da(min)                             | 112            |
| Da(max)                             | 117            |
| Db(min)                             | 119            |
| Ca(min)                             | <b>6</b>       |
| Cb(min)                             | 6.5            |
| ra(max)                             | 1.5            |
| rb(max)                             | 1.5            |
| Value                               |                |
| e                                   | 0.28           |
| Y                                   | 2.1            |
| Yo                                  | 1.1            |