

## Tapered Roller Bearing

### 30300 Series Tapered Roller Bearing-30307J2/Q



Designation **30307J2/Q**

Principal dimensions [mm]

|    |       |
|----|-------|
| d1 | 35    |
| D  | 80    |
| B  | 22.75 |

Basic load ratings [kN]

|          |      |
|----------|------|
| dyc(Cr)  | 83   |
| stc(Cor) | 73.5 |
| Pu       | 8.3  |

Speed ratings [rpm]

|                |      |
|----------------|------|
| Speed Ratings  | 7500 |
| Limiting Speed | 9000 |
| Weight(Kg)     | 0.52 |

ISO335

Dimensions (ABMA) 2FB

Dimensions [mm]

|           |          |
|-----------|----------|
| d         | 35       |
| d1        | 54.5     |
| B         | 21       |
| C         | 18       |
| r1,2(min) | <b>2</b> |
| r3,4(min) | 1.5      |
| a         | 16       |

Abutment and fillet dimensions [mm]

|         |          |
|---------|----------|
| da(max) | 46       |
| db(min) | 44       |
| Da(min) | 70       |
| Da(max) | 71       |
| Db(min) | 74       |
| Ca(min) | <b>3</b> |
| Cb(min) | 4.5      |
| ra(max) | <b>2</b> |
| rb(max) | 1.5      |

Value

|    |      |
|----|------|
| e  | 0.31 |
| Y  | 1.9  |
| Yo | 1.1  |