

**30307****Dimensions and Parameters**

## Designation

|        |         |
|--------|---------|
| DIN720 | 30307   |
| ISO355 | T2FB035 |

## Boundary dimensions(mm)

|           |       |
|-----------|-------|
| d         | 35    |
| D         | 80    |
| B         | 21    |
| C         | 18    |
| T         | 22.75 |
| r1,r2 min | 2     |
| r3,r4 min | 2     |
| a         | 16    |

## Speed ratings

|        |      |
|--------|------|
| grease | 5000 |
| oil    | 6700 |

## Load ratings[kN]

|          |      |
|----------|------|
| dyn Cr   | 73.5 |
| stat Cor | 76.5 |

## Calculation factors

|    |      |
|----|------|
| e  | 0.31 |
| Y  | 1.9  |
| Y0 | 1.05 |

## Abutment and fillet

## dimensions(mm)

|        |    |
|--------|----|
| Da max | 45 |
| db min | 44 |

## Single Row Tapered Roller Bearings (Metric Series)

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|           |      |
|-----------|------|
| Da min    | 70   |
| Db min    | 74   |
| Ca min    | 3    |
| Cb min    | 4.5  |
| Mass (kg) | 0.53 |