

# 33017T70DB

## Dimensions and Parameters



|             |            |
|-------------|------------|
| Designation | 33017T70DB |
|-------------|------------|

### Boundary dimensions [mm]

|   |     |
|---|-----|
| d | 85  |
| D | 130 |
| T | 70  |

### Load ratings [kN]

|          |     |
|----------|-----|
| dyn Cr   | 308 |
| stat Cor | 620 |

### Fatigue load limit [kN]

|       |      |
|-------|------|
| $p_u$ | 69.5 |
|-------|------|

### Speed ratings [rpm]

|        |      |
|--------|------|
| grease | 2800 |
| Oil    | 4800 |

### Mass

|    |     |
|----|-----|
| kg | 3.5 |
|----|-----|

### Bearing dimensions

|          |     |
|----------|-----|
| c        | 56  |
| r1.2 min | 1.5 |
| r5 min   | 0.6 |

### Abutment and fillet dimensions

|        |     |
|--------|-----|
| db max | 92  |
| Db min | 125 |
| Cb max | 7   |
| ra max | 1.5 |
| rc max | 0.6 |

## Paired Single Row Tapered Roller Bearings (Back to Back)

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### Calculation factors

|    |      |
|----|------|
| e  | 0.44 |
| Y1 | 1.5  |
| Y2 | 2.3  |
| Yo | 1.4  |