

Model: T7FC075/QCL7C

Basic size of  
mm

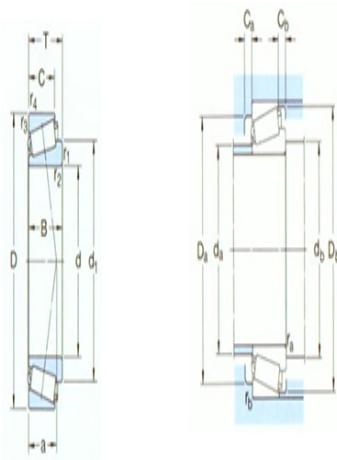
|    |     |
|----|-----|
| d: | 75  |
| D: | 150 |
| T: | 42  |

The basic rated load is  
kN

|                           |     |
|---------------------------|-----|
| trends C:                 | 232 |
| static state Co:          | 280 |
| Fatigue load limit<br>Pu: | 31  |

Rated rotation speed is  
r/min

|                        |                |
|------------------------|----------------|
| Refer to the<br>speed: | 3200           |
| limit speed:           | 4300           |
| quality:               | 3.25           |
| model:                 | *T7FC075/QCL7C |
| ISO335                 |                |
| Size series<br>(ABMA): | 7FC            |



Dimensions are  
mm

|                           |     |
|---------------------------|-----|
| d:                        | 75  |
| d <sub>1</sub> ~ :        | 118 |
| B:                        | 38  |
| C:                        | 29  |
| r <sub>1,2</sub> the min: | 3   |
| r <sub>3,4</sub> the min: | 3   |
| a:                        | 50  |

Shoulder gear and chamfer size  
mm

|                         |     |
|-------------------------|-----|
| d <sub>a</sub> the max: | 88  |
| d <sub>b</sub> the min: | 87  |
| D <sub>a</sub> the min: | 114 |
| D <sub>a</sub> the max: | 136 |

|                         |     |
|-------------------------|-----|
| Db the min:             | 143 |
| Ca the min:             | 5   |
| Cb the min:             | 13  |
| r <sub>a</sub> the max: | 2.5 |
| r <sub>b</sub> the max: | 2.5 |

Calculation coefficient

|     |      |
|-----|------|
| e:  | 0.88 |
| Y:  | 0.68 |
| Yo: | 0.4  |