

# T7FC075 FAG 75x150x42mm B 38 mm Tapered roller bearings

|                     |           |
|---------------------|-----------|
| Bearing number      | T7FC075   |
| Size (mm)           | 75x150x42 |
| Brand               | FAG       |
| Bore Diameter (mm)  | 75        |
| Outer Diameter (mm) | 150       |
| Width (mm)          | 42        |
| d                   | 75 mm     |
| D                   | 150 mm    |
| T                   | 42 mm     |
| a                   | 51 mm     |
| B                   | 38 mm     |
| C                   | 29 mm     |
| $C_{a \min}$        | 6 mm      |
| $C_{b \min}$        | 13 mm     |
| $D_{a \max}$        | 136 mm    |
| $D_{a \min}$        | 114 mm    |
| $D_{b \min}$        | 143 mm    |
| $d_1$               | 116.2 mm  |
| $d_{a \max}$        | 87 mm     |
| $d_{b \min}$        | 96 mm     |
| $r_{1, 2 \min}$     | 3 mm      |
| $r_{3, 4 \min}$     | 3 mm      |
| $r_{a \max}$        | 3 mm      |

|              |  |
|--------------|--|
| $r_{b \max}$ | 3 mm                                   |
| m            | 3.27 kg / Weight                       |
| $C_r$        | 238000 N                               |
| $C_{0r}$     | 275000 N / Static load rating (radial) |
| e            | 0.87                                   |
| Y            | 0.69                                   |
| $Y_0$        | 0.38                                   |
| $C_{ur}$     | 41500 N / Fatigue limit load. radial   |
| $n_G$        | 4500 1/min / Limiting speed            |
| $n_B$        | 3850 1/min / Reference speed           |