

# T2ED045 FAG 45x95x36mm

## Fatigue load limit (Pu) 21.5

### Tapered roller bearings

|                     |          |
|---------------------|----------|
| Bearing number      | T2ED045  |
| Size (mm)           | 45x95x36 |
| Brand               | FAG      |
| Bore Diameter (mm)  | 45       |
| Outer Diameter (mm) | 95       |
| Width (mm)          | 36       |
| d                   | 45 mm    |
| D                   | 95 mm    |
| T                   | 36 mm    |
| B                   | 35 mm    |
| C                   | 30 mm    |
| a                   | 24 mm    |
| d1                  | 68.8 mm  |
| r1 min.             | 2.5 mm   |
| r2 min.             | 2.5 mm   |
| r3 min.             | 2.5 mm   |
| r5 min.             | 2.5 mm   |
| Ca min.             | 6 mm     |
| Cb min.             | 6 mm     |
| da max              | 54 mm    |
| Da min              | 80 mm    |
| Da max.             | 83 mm    |
| db min              | 56 mm    |
| Db min.             | 89 mm    |

|                               |             |
|-------------------------------|-------------|
| ra max.                       | 2.5 mm      |
| rb max.                       | 2.5 mm      |
| Weight                        | 1.2 Kg      |
| Basic dynamic load rating (C) | 143 kN      |
| Basic static load rating (C0) | 175 kN      |
| Fatigue load limit (Pu)       | 21.5        |
| Reference speed               | 5 000 r/min |
| Limiting speed                | 7 400 r/min |
| Calculation factor (e)        | 0.32        |
| Calculation factor (Y)        | 1.86        |