

T2ED080 FAG nG 4750 1/min / Limiting speed 80x145x46mm Tapered roller bearings

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| Bearing number | T2ED080 |
| Size (mm) | 80x145x46 |
| Brand | FAG |
| Bore Diameter (mm) | 80 |
| Outer Diameter (mm) | 145 |
| Width (mm) | 46 |
| d | 80 mm |
| D | 145 mm |
| T | 46 mm |
| a | 32.6 mm |
| B | 45 mm |
| C | 38 mm |
| $C_{a \min}$ | 7 mm |
| $C_{b \min}$ | 8 mm |
| $D_{a \min}$ | 125 mm |
| $D_{b \min}$ | 137 mm |
| d_1 | 110.3 mm |
| $d_{a \max}$ | 92 mm |
| $d_{b \min}$ | 95 mm |
| $r_{1, 2 \min}$ | 3 mm |
| $r_{3, 4 \min}$ | 2.5 mm |
| $r_{a \max}$ | 3 mm |

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| $r_{b \max}$ | 2.5 mm |
| m | 3.26 kg / Weight |
| C_r | 265000 N / Dynamic load rating (radial) |
| C_{0r} | 370000 N |
| e | 0.32 |
| γ | 1.88 |
| γ_0 | 1.03 |
| C_{ur} | 45500 N / Fatigue limit load. radial |
| n_G | 4750 1/min / Limiting speed |
| n_B | 3200 1/min / Reference speed |