

X32210/Y32210 Timken 50x90x24.75mm Calculation factor (e) 0.42 Tapered roller bearings

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| Bearing number | X32210/Y32210 |
| Size (mm) | 50x90x24.75 |
| Brand | Timken |
| Bore Diameter (mm) | 50 |
| Outer Diameter (mm) | 90 |
| Width (mm) | 24.75 |
| d | 50 mm |
| D | 90 mm |
| T | 24.75 mm |
| B | 23 mm |
| C | 19 mm |
| R | 1.5 mm |
| r | 1.5 mm |
| a – | 3.6 mm |
| Da | 85 mm |
| db | 58 mm |
| da | 56 mm |
| Db | 81 mm |
| Aa | 1.9 mm |
| Ab | 2.3 mm |
| Weight | 0.62 Kg |
| Basic static load rating (C ₀) | 100 kN |

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| Factor (G1) | 33.4 |
| Factor (G2) | 16.3 |
| Factor (Cg) | 0.0214 |
| Factor (K) | 1.39 |
| Basic dynamic load rating (C90) | 21.3 |
| Basic dynamic load rating (Ca90) | 15.3 |
| Basic dynamic load rating (C1) | 82.2 kN |
| Calculation factor (e) | 0.42 |