

X33210/Y33210 Timken 50x90x32mm Basic static load rating (C0) 166 kN Tapered roller bearings

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| Bearing number | X33210/Y33210 |
| Size (mm) | 50x90x32 |
| Brand | Timken |
| Bore Diameter (mm) | 50 |
| Outer Diameter (mm) | 90 |
| Width (mm) | 32 |
| d | 50 mm |
| D | 90 mm |
| T | 32 mm |
| B | 32 mm |
| C | 24.5 mm |
| R | 1.5 mm |
| r | 1.5 mm |
| a – | 8.6 mm |
| Da | 86 mm |
| db | 61 mm |
| da | 57 mm |
| Db | 80 mm |
| Aa | 3.4 mm |
| Ab | 2.2 mm |
| Weight | 0.85 Kg |
| Basic static load rating (C0) | 166 kN |

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| Factor (G1) | 48.4 |
| Factor (G2) | 16.9 |
| Factor (Cg) | 0.0251 |
| Factor (K) | 1.41 |
| Basic dynamic load rating (C90) | 31.2 |
| Basic dynamic load rating (Ca90) | 22.1 |
| Basic dynamic load rating (C1) | 120 kN |
| Calculation factor (e) | 0.41 |