

X30205/Y30205 Timken Factor (G2) 8.4 25x52x16.25mm Tapered roller bearings

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| Bearing number | X30205/Y30205 |
| Size (mm) | 25x52x16.25 |
| Brand | Timken |
| Bore Diameter (mm) | 25 |
| Outer Diameter (mm) | 52 |
| Width (mm) | 16.25 |
| d | 25 mm |
| D | 52 mm |
| T | 16.25 mm |
| B | 15 mm |
| C | 13 mm |
| R | 1 mm |
| r | 1 mm |
| a – | 3.6 mm |
| Da | 48.5 mm |
| db | 30.5 mm |
| da | 29 mm |
| Db | 46 mm |
| Aa | 0 mm |
| Ab | 1.6 mm |
| Weight | 0.16 Kg |
| Basic static load rating (C0) | 34.4 kN |
| Factor (G1) | 8.4 |
| Factor (G2) | 8.4 |

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| Factor (Cg) | 0.0115 |
| Factor (K) | 1.56 |
| Basic dynamic load rating (C90) | 8.19 |
| Basic dynamic load rating (Ca90) | 5.26 |
| Basic dynamic load rating (C1) | 31.6 kN |
| Calculation factor (e) | 0.38 |