

# X32219M/Y32219M Timken 95x170x45.5mm Calculation factor (e) 0.42 Tapered roller bearings

|                               |                 |
|-------------------------------|-----------------|
| Bearing number                | X32219M/Y32219M |
| Size (mm)                     | 95x170x45.5     |
| Brand                         | Timken          |
| Bore Diameter (mm)            | 95              |
| Outer Diameter (mm)           | 170             |
| Width (mm)                    | 45.5            |
| d                             | 95 mm           |
| D                             | 170 mm          |
| T                             | 45.5 mm         |
| B                             | 43 mm           |
| C                             | 37 mm           |
| R                             | 3 mm            |
| r                             | 2.5 mm          |
| a –                           | 6.9 mm          |
| Da                            | 161 mm          |
| db                            | 107 mm          |
| da                            | 108 mm          |
| Db                            | 158 mm          |
| Weight                        | 4.26 Kg         |
| Basic static load rating (C0) | 466 kN          |
| Factor (Cg)                   | 0.0616          |
| Factor (K)                    | 1.39            |

|                                  |        |
|----------------------------------|--------|
| Basic dynamic load rating (C90)  | 75.7   |
| Basic dynamic load rating (Ca90) | 54.4   |
| Basic dynamic load rating (C1)   | 292 kN |
| Calculation factor (e)           | 0.42   |