

# X32007XM/Y32007XM Timken 35x62x18mm Calculation factor (e) 0.45 Tapered roller bearings

|                               |                   |
|-------------------------------|-------------------|
| Bearing number                | X32007XM/Y32007XM |
| Size (mm)                     | 35x62x18          |
| Brand                         | Timken            |
| Bore Diameter (mm)            | 35                |
| Outer Diameter (mm)           | 62                |
| Width (mm)                    | 18                |
| d                             | 35 mm             |
| D                             | 62 mm             |
| T                             | 18 mm             |
| B                             | 18 mm             |
| C                             | 14 mm             |
| R                             | 1 mm              |
| r                             | 1 mm              |
| a –                           | 2.5 mm            |
| Da                            | 59 mm             |
| db                            | 43 mm             |
| da                            | 41 mm             |
| Db                            | 56 mm             |
| Weight                        | 0.22 Kg           |
| Basic static load rating (C0) | 59.9 kN           |
| Factor (Cg)                   | 0.0326            |
| Factor (K)                    | 1.29              |

|                                  |         |
|----------------------------------|---------|
| Basic dynamic load rating (C90)  | 10.7    |
| Basic dynamic load rating (Ca90) | 8.31    |
| Basic dynamic load rating (C1)   | 41.1 kN |
| Calculation factor (e)           | 0.45    |