

# XAA32013X/Y32013X Timken Da 97 mm 65x100x23mm Tapered roller bearings

|                               |                   |
|-------------------------------|-------------------|
| Bearing number                | XAA32013X/Y32013X |
| Size (mm)                     | 65x100x23         |
| Brand                         | Timken            |
| Bore Diameter (mm)            | 65                |
| Outer Diameter (mm)           | 100               |
| Width (mm)                    | 23                |
| d                             | 65 mm             |
| D                             | 100 mm            |
| T                             | 23 mm             |
| B                             | 23 mm             |
| C                             | 17.5 mm           |
| R                             | 5.1 mm            |
| r                             | 1.5 mm            |
| a –                           | 0.3 mm            |
| Da                            | 97 mm             |
| db                            | 82 mm             |
| da                            | 71 mm             |
| Db                            | 91 mm             |
| Aa                            | 2 mm              |
| Ab                            | 2 mm              |
| Weight                        | 0.64 Kg           |
| Basic static load rating (C0) | 137 kN            |
| Factor (G1)                   | 57.4              |
| Factor (G2)                   | 35.6              |

|                                  |         |
|----------------------------------|---------|
| Factor (Cg)                      | 0.0279  |
| Factor (K)                       | 1.27    |
| Basic dynamic load rating (C90)  | 23.5    |
| Basic dynamic load rating (Ca90) | 18.5    |
| Basic dynamic load rating (C1)   | 90.8 kN |
| Calculation factor (e)           | 0.46    |