

# XAA32010X/Y32010X Timken R 2.3 mm 50x80x20mm Tapered roller bearings

|                                |                   |
|--------------------------------|-------------------|
| Bearing number                 | XAA32010X/Y32010X |
| Size (mm)                      | 50x80x20          |
| Brand                          | Timken            |
| Bore Diameter (mm)             | 50                |
| Outer Diameter (mm)            | 80                |
| Width (mm)                     | 20                |
| d                              | 50 mm             |
| D                              | 80 mm             |
| T                              | 20 mm             |
| B                              | 20 mm             |
| C                              | 15.5 mm           |
| R                              | 2.3 mm            |
| r                              | 1 mm              |
| a –                            | 2 mm              |
| Da                             | 77 mm             |
| db                             | 60 mm             |
| da                             | 55 mm             |
| Db                             | 73 mm             |
| Aa                             | 0.9 mm            |
| Ab                             | 2.1 mm            |
| Weight                         | 0.37 Kg           |
| Dynamic load rating radial (C) | 69.8 kN           |
| Basic static load rating (C0)  | 92.7 kN           |
| Factor (G1)                    | 34                |

|                                  |         |
|----------------------------------|---------|
| Factor (G2)                      | 20.3    |
| Factor (Cg)                      | 0.0217  |
| Factor (K)                       | 1.38    |
| Basic dynamic load rating (C90)  | 16.8    |
| Basic dynamic load rating (Ca90) | 12.2    |
| Basic dynamic load rating (C1)   | 64.7 kN |
| Calculation factor (e)           | 0.42    |