

# XAB32010X/YKA32010X Timken

## Basic dynamic load rating (C1) 64.7 kN 50x82x26mm

### Tapered roller bearings

|                               |                     |
|-------------------------------|---------------------|
| Bearing number                | XAB32010X/YKA32010X |
| Size (mm)                     | 50x82x26            |
| Brand                         | Timken              |
| Bore Diameter (mm)            | 50                  |
| Outer Diameter (mm)           | 82                  |
| Width (mm)                    | 26                  |
| d                             | 50 mm               |
| D                             | 82 mm               |
| T                             | 26 mm               |
| B                             | 20 mm               |
| C                             | 21.5 mm             |
| R                             | 3 mm                |
| r                             | 1.3 mm              |
| a –                           | 2 mm                |
| Da                            | 77 mm               |
| db                            | 62 mm               |
| da                            | 55 mm               |
| Db                            | 74 mm               |
| Aa                            | 0.9 mm              |
| Ab                            | 2.1 mm              |
| Weight                        | 0.49 Kg             |
| 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    |