

# X33020/Y33020 Timken Outer Diameter 150mm 100x150x39mm Tapered roller bearings

|                               |               |
|-------------------------------|---------------|
| Bearing number                | X33020/Y33020 |
| Size (mm)                     | 100x150x39    |
| Brand                         | Timken        |
| Bore Diameter (mm)            | 100           |
| Outer Diameter (mm)           | 150           |
| Width (mm)                    | 39            |
| d                             | 100 mm        |
| D                             | 150 mm        |
| T                             | 39 mm         |
| B                             | 39 mm         |
| C                             | 32.5 mm       |
| R                             | 2 mm          |
| r                             | 1.5 mm        |
| a –                           | 9.4 mm        |
| Da                            | 144 mm        |
| db                            | 111 mm        |
| da                            | 107 mm        |
| Db                            | 139 mm        |
| Aa                            | 1.9 mm        |
| Ab                            | 2.3 mm        |
| Weight                        | 2.37 Kg       |
| Basic static load rating (C0) | 393 kN        |
| Factor (G1)                   | 206.3         |
| Factor (G2)                   | 65.1          |

|                                  |        |
|----------------------------------|--------|
| Factor (Cg)                      | 0.0245 |
| Factor (K)                       | 2.03   |
| Basic dynamic load rating (C90)  | 60.2   |
| Basic dynamic load rating (Ca90) | 29.6   |
| Basic dynamic load rating (C1)   | 232 kN |
| Calculation factor (e)           | 0.29   |