

# X33109/Y33109R Timken

## 45x80x10mm Da 72 mm Tapered roller bearings

|                               |                |
|-------------------------------|----------------|
| Bearing number                | X33109/Y33109R |
| Size (mm)                     | 45x80x10       |
| Brand                         | Timken         |
| Bore Diameter (mm)            | 45             |
| Outer Diameter (mm)           | 80             |
| Width (mm)                    | 10             |
| d                             | 45 mm          |
| D                             | 80 mm          |
| T                             | 10 mm          |
| T1                            | 10 mm          |
| B                             | 26 mm          |
| C                             | 20.5 mm        |
| R                             | 1.5 mm         |
| r                             | 1.5 mm         |
| a –                           | 6.6 mm         |
| D1                            | 85 mm          |
| Da                            | 72 mm          |
| db                            | 55 mm          |
| C2                            | 4.5 mm         |
| da                            | 52 mm          |
| Weight                        | 0.56 Kg        |
| Basic static load rating (C0) | 119 kN         |
| Factor (G1)                   | 35.7           |
| Factor (G2)                   | 16.5           |

|                                               |       |
|-----------------------------------------------|-------|
| Factor (K)                                    | 1.52  |
| Basic dynamic load rating (C <sub>90</sub> )  | 22.8  |
| Basic dynamic load rating (C <sub>a90</sub> ) | 15    |
| Basic dynamic load rating (C <sub>1</sub> )   | 88 kN |
| Calculation factor (e)                        | 0.38  |