

# X32208/Y32208 Timken

## 40x80x24.75mm Factor (K) 1.56

### Tapered roller bearings

|                               |               |
|-------------------------------|---------------|
| Bearing number                | X32208/Y32208 |
| Size (mm)                     | 40x80x24.75   |
| Brand                         | Timken        |
| Bore Diameter (mm)            | 40            |
| Outer Diameter (mm)           | 80            |
| Width (mm)                    | 24.75         |
| d                             | 40 mm         |
| D                             | 80 mm         |
| T                             | 24.75 mm      |
| B                             | 23 mm         |
| C                             | 19 mm         |
| R                             | 1.5 mm        |
| r                             | 1.5 mm        |
| a –                           | 5.6 mm        |
| Da                            | 75 mm         |
| db                            | 48.5 mm       |
| da                            | 46 mm         |
| Db                            | 71 mm         |
| Aa                            | 1.6 mm        |
| Ab                            | 2.4 mm        |
| Weight                        | 0.54 Kg       |
| Basic static load rating (C0) | 86.5 kN       |
| Factor (G1)                   | 25            |
| Factor (G2)                   | 11.4          |

|                                  |         |
|----------------------------------|---------|
| Factor (Cg)                      | 0.0181  |
| Factor (K)                       | 1.56    |
| Basic dynamic load rating (C90)  | 19.4    |
| Basic dynamic load rating (Ca90) | 12.5    |
| Basic dynamic load rating (C1)   | 74.9 kN |
| Calculation factor (e)           | 0.38    |