

# 2309-TVH FAG da min 54 mm 45x100x36mm Self aligning ball bearings

|                     |  |
|---------------------|--|
| Bearing number      | 2309-TVH                               |
| Size (mm)           | 45x100x36                              |
| Brand               | FAG                                    |
| Bore Diameter (mm)  | 45                                     |
| Outer Diameter (mm) | 100                                    |
| Width (mm)          | 36                                     |
| d                   | 45 mm                                  |
| D                   | 100 mm                                 |
| B                   | 36 mm                                  |
| D <sub>1</sub>      | 84.2 mm                                |
| D <sub>a max</sub>  | 91 mm                                  |
| d <sub>1</sub>      | 60.1 mm                                |
| d <sub>a min</sub>  | 54 mm                                  |
| r <sub>a max</sub>  | 1.5 mm                                 |
| r <sub>min</sub>    | 1.5 mm                                 |
| m                   | 1.22 kg / Weight                       |
| C <sub>r</sub>      | 55000 N / Dynamic load rating (radial) |
| e                   | 0.43                                   |
| Y <sub>1</sub>      | 1.48                                   |
| Y <sub>2</sub>      | 2.29                                   |
| C <sub>0r</sub>     | 16500 N / Static load rating (radial)  |
| Y <sub>0</sub>      | 1.55                                   |

|          |                                     |
|----------|-------------------------------------|
| $n_G$    | 7000 1/min / Limiting speed         |
| $n_B$    | 9400 1/min / Reference speed        |
| $C_{ur}$ | 1030 N / Fatigue limit load. radial |