

# 2218-TVH FAG Y0 2.44 90x160x40mm Self aligning ball bearings

|                     |  |
|---------------------|--|
| Bearing number      | 2218-TVH                               |
| Size (mm)           | 90x160x40                              |
| Brand               | FAG                                    |
| Bore Diameter (mm)  | 90                                     |
| Outer Diameter (mm) | 160                                    |
| Width (mm)          | 40                                     |
| d                   | 90 mm                                  |
| D                   | 160 mm                                 |
| B                   | 40 mm                                  |
| D <sub>1</sub>      | 139.4 mm                               |
| D <sub>a max</sub>  | 149 mm                                 |
| d <sub>1</sub>      | 111.5 mm                               |
| d <sub>a min</sub>  | 101 mm                                 |
| r <sub>a max</sub>  | 2 mm                                   |
| r <sub>min</sub>    | 2 mm                                   |
| m                   | 3.18 kg / Weight                       |
| C <sub>r</sub>      | 71000 N / Dynamic load rating (radial) |
| e                   | 0.27                                   |
| Y <sub>1</sub>      | 2.33                                   |
| Y <sub>2</sub>      | 3.61                                   |
| C <sub>0r</sub>     | 28500 N / Static load rating (radial)  |
| Y <sub>0</sub>      | 2.44                                   |

|          |                                     |
|----------|-------------------------------------|
| $n_G$    | 4300 1/min / Limiting speed         |
| $n_B$    | 5700 1/min / Reference speed        |
| $C_{ur}$ | 1580 N / Fatigue limit load. radial |