

# 22207-E1-K FAG ra max 1 mm 35x72x23mm Spherical roller bearings

|                     |  |
|---------------------|--|
| Bearing number      | 22207-E1-K                             |
| Size (mm)           | 35x72x23                               |
| Brand               | FAG                                    |
| Bore Diameter (mm)  | 35                                     |
| Outer Diameter (mm) | 72                                     |
| Width (mm)          | 23                                     |
| d                   | 35 mm                                  |
| D                   | 72 mm                                  |
| B                   | 23 mm                                  |
| D <sub>1</sub>      | 62.5 mm                                |
| D <sub>a max</sub>  | 65 mm                                  |
| d <sub>2</sub>      | 43.9 mm                                |
| d <sub>a min</sub>  | 42 mm                                  |
| d <sub>s</sub>      | 3.2 mm                                 |
| n <sub>s</sub>      | 4.8 mm                                 |
| r <sub>a max</sub>  | 1 mm                                   |
| r <sub>min</sub>    | 1.1 mm                                 |
| m                   | 0.434 kg / Weight                      |
| C <sub>r</sub>      | 89000 N / Dynamic load rating (radial) |
| e                   | 0.31                                   |
| Y <sub>1</sub>      | 2.21                                   |
| Y <sub>2</sub>      | 3.29                                   |

|          |                                       |
|----------|---------------------------------------|
| $C_{0r}$ | 81000 N / Static load rating (radial) |
| $Y_0$    | 2.16                                  |
| $n_G$    | 10700 1/min / Limiting speed          |
| $n_B$    | 7300 1/min                            |
| $C_{ur}$ | 9400 N / Fatigue limit load. radial   |