

# 22214-E1 FAG ns 6.5 mm 70x125x31mm Spherical roller bearings

|                     |   |
|---------------------|---|
| Bearing number      | 22214-E1                                |
| Size (mm)           | 70x125x31                               |
| Brand               | FAG                                     |
| Bore Diameter (mm)  | 70                                      |
| Outer Diameter (mm) | 125                                     |
| Width (mm)          | 31                                      |
| d                   | 70 mm                                   |
| D                   | 125 mm                                  |
| B                   | 31 mm                                   |
| $D_1$               | 112.5 mm                                |
| $D_{a \max}$        | 116 mm                                  |
| $d_2$               | 84.4 mm                                 |
| $d_{a \min}$        | 79 mm                                   |
| $d_s$               | 3.2 mm                                  |
| $n_s$               | 6.5 mm                                  |
| $r_{a \max}$        | 1.5 mm                                  |
| $r_{\min}$          | 1.5 mm                                  |
| m                   | 1.65 kg / Weight                        |
| $C_r$               | 211000 N / Dynamic load rating (radial) |
| e                   | 0.23                                    |
| $Y_1$               | 2.95                                    |
| $Y_2$               | 4.4                                     |

|          |  |
|----------|--|
| $C_{0r}$ | 226000 N / Static load rating (radial) |
| $Y_0$    | 2.89                                   |
| $n_G$    | 6700 1/min / Limiting speed            |
| $n_B$    | 4100 1/min                             |
| $C_{ur}$ | 28000 N / Fatigue limit load. radial   |