

# 16004 FAG Cr 7400 N / Dynamic load rating (radial) 20x42x8mm Deep groove ball bearings

|                     |                                       |
|---------------------|---------------------------------------|
| Bearing number      | 16004                                 |
| Size (mm)           | 20x42x8                               |
| Brand               | FAG                                   |
| Bore Diameter (mm)  | 20                                    |
| Outer Diameter (mm) | 42                                    |
| Width (mm)          | 8                                     |
| d                   | 20 mm                                 |
| D                   | 42 mm                                 |
| B                   | 8 mm                                  |
| D <sub>1</sub>      | 34.7 mm                               |
| D <sub>a max</sub>  | 40 mm                                 |
| d <sub>1</sub>      | 27.2 mm                               |
| d <sub>a min</sub>  | 22 mm                                 |
| r <sub>a max</sub>  | 0.3 mm                                |
| r <sub>min</sub>    | 0.3 mm                                |
| m                   | 0.05 kg / Weight                      |
| C <sub>r</sub>      | 7400 N / Dynamic load rating (radial) |
| C <sub>0r</sub>     | 4100 N / Static load rating (radial)  |
| f <sub>0</sub>      | 14.9                                  |
| n <sub>G</sub>      | 26000 1/min / Limiting speed          |

|          |                                    |
|----------|------------------------------------|
| $n_B$    | 14300 1/min / Reference speed      |
| $C_{ur}$ | 207 N / Fatigue limit load. radial |