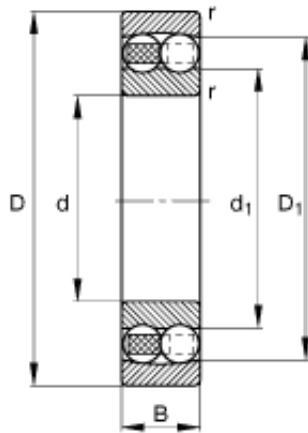




# BEARING CORP.OF AMERICA

## 100 mm x 180 mm x 34 mm FAG 1220-M Self Aligning Ball Bearings



Bearing No. 1220-M

1220-M Bearing 2D drawings and 3D CAD models

|                    |  |
|--------------------|--|
| Size               | 100x180x34 mm                          |
| Bore Diameter      | 100 mm                                 |
| Outer Diameter     | 180 mm                                 |
| Width              | 34 mm                                  |
| d                  | 100 mm                                 |
| D                  | 180 mm                                 |
| B                  | 34 mm                                  |
| D <sub>1</sub>     | 155,2 mm                               |
| D <sub>a max</sub> | 168 mm                                 |
| d <sub>1</sub>     | 127,7 mm                               |
| d <sub>a min</sub> | 112 mm                                 |
| r <sub>a max</sub> | 2,1 mm                                 |
| r <sub>min</sub>   | 2,1 mm                                 |
| m                  | 3,99 kg / Weight                       |
| C <sub>r</sub>     | 70000 N / Dynamic load rating (radial) |
| e                  | 0,18                                   |
| Y <sub>1</sub>     | 3,58                                   |
| Y <sub>2</sub>     | 5,53                                   |
| C <sub>0r</sub>    | 29500 N / Static load rating (radial)  |
| Y <sub>0</sub>     | 3,75                                   |
| n <sub>G</sub>     | 5600 1/min / Limiting speed            |
| n <sub>B</sub>     | 6100 1/min / Reference speed           |



# BEARING CORP.OF AMERICA

|          |  |
|----------|--|
| $C_{ur}$ | 1550 N / Fatigue limit load,<br>radial |
|----------|--|