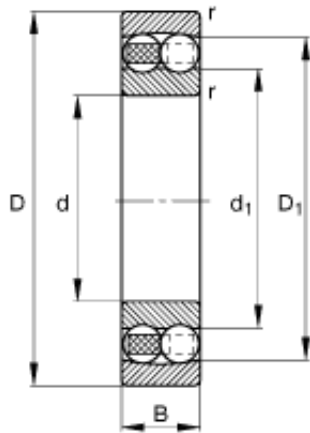




# ISOSTATIC BEARING SALES COMPANT



## 110 mm x 200 mm x 38 mm FAG 1222-M Self Aligning Ball Bearings

Bearing No. 1222-M

1222-M Bearing 2D drawings and 3D CAD models

|                |  |
|----------------|--|
| Size           | 110x200x38 mm                          |
| Bore Diameter  | 110 mm                                 |
| Outer Diameter | 200 mm                                 |
| Width          | 38 mm                                  |
| d              | 110 mm                                 |
| D              | 200 mm                                 |
| B              | 38 mm                                  |
| $D_1$          | 173,9 mm                               |
| $D_{a \max}$   | 188 mm                                 |
| $d_1$          | 140,7 mm                               |
| $d_{a \min}$   | 122 mm                                 |
| $r_{a \max}$   | 2,1 mm                                 |
| $r_{\min}$     | 2,1 mm                                 |
| m              | 5,57 kg / Weight                       |
| $C_r$          | 89000 N / Dynamic load rating (radial) |
| e              | 0,17                                   |
| $Y_1$          | 3,61                                   |
| $Y_2$          | 5,59                                   |
| $C_{0r}$       | 38000 N / Static load rating (radial)  |
| $Y_0$          | 3,78                                   |
| $n_G$          | 5000 1/min / Limiting speed            |
| $n_B$          | 5700 1/min / Reference speed           |



# ISOSTATIC BEARING SALES COMPANT

|          |  |
|----------|--|
| $C_{ur}$ | 1900 N / Fatigue limit load,<br>radial |
|----------|--|