



# ISOSTATIC BEARING SALES COMPANT



## 140 mm x 250 mm x 50 mm FAG 1228-M Self Aligning Ball Bearings

Bearing No. 1228-M

1228-M Bearing 2D drawings and 3D CAD models

|                |   |
|----------------|---|
| Size           | 140x250x50 mm                           |
| Bore Diameter  | 140 mm                                  |
| Outer Diameter | 250 mm                                  |
| Width          | 50 mm                                   |
| d              | 140 mm                                  |
| D              | 250 mm                                  |
| B              | 50 mm                                   |
| $C_1$          | 2,7 mm                                  |
| $D_1$          | 221,2 mm                                |
| $D_{a \max}$   | 236 mm                                  |
| $d_1$          | 175 mm                                  |
| $d_{a \min}$   | 154 mm                                  |
| $r_{a \max}$   | 2,5 mm                                  |
| $r_{\min}$     | 3 mm                                    |
| m              | 11,2 kg / Weight                        |
| $C_r$          | 163000 N / Dynamic load rating (radial) |
| e              | 0,21                                    |
| $Y_1$          | 3,05                                    |
| $Y_2$          | 4,71                                    |
| $C_{0r}$       | 74000 N / Static load rating (radial)   |
| $Y_0$          | 3,19                                    |
| $n_G$          | 4300 1/min / Limiting speed             |
|                |   |



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|          |                              |
|----------|------------------------------|
| $n_B$    | 4950 1/min / Reference speed |
| $C_{ur}$ | 3300 N                       |