



110 mm x 170 mm x 38 mm FAG 32022-X  
Tapered Roller Bearing Assemblies

Bearing No. 32022-X

|                       |                  |
|-----------------------|------------------|
| Size                  | 110x170x38 mm    |
| Bore Diameter         | 110 mm           |
| Outer Diameter        | 170 mm           |
| Width                 | 38 mm            |
| d                     | 110 mm           |
| D                     | 170 mm           |
| T                     | 38 mm            |
| a                     | 37 mm            |
| B                     | 38 mm            |
| C                     | 29 mm            |
| $C_{a \text{ min}}$   | 7 mm             |
| $C_{b \text{ min}}$   | 9 mm             |
| $D_{a \text{ max}}$   | 160 mm           |
| $D_{a \text{ min}}$   | 152 mm           |
| $D_{b \text{ min}}$   | 163 mm           |
| $d_1$                 | 141 mm           |
| $d_{a \text{ max}}$   | 122 mm           |
| $d_{b \text{ min}}$   | 120 mm           |
| $r_{1,2 \text{ min}}$ | 2,5 mm           |
| $r_{3,4 \text{ min}}$ | 2 mm             |
| $r_{a \text{ max}}$   | 2,5 mm           |
| $r_{b \text{ max}}$   | 2 mm             |
| m                     | 3,09 kg / Weight |
| C                     | 242000 N         |

32022-X Bearing 2D drawings and 3D CAD models



## Luoyang SDZ Machinery Equipment Co., ...

|          |   |
|----------|---|
| r        |   |
| $C_{0r}$ | 395000 N / Static load rating<br>(radial) |
| e        | 0,43                                      |
| Y        | 1,39                                      |
| $Y_0$    | 0,77                                      |
| $C_{ur}$ | 45000 N / Fatigue limit load,<br>radial   |
| $n_G$    | 3950 1/min / Limiting speed               |
| $n_B$    | 2650 1/min / Reference<br>speed           |