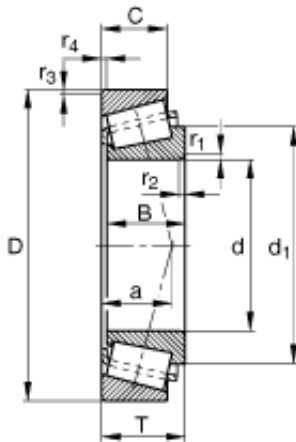




## UBC Mechanical Electronic Instrument ...



### 40 mm x 80 mm x 23 mm FAG 32208-XL Air Conditioning bearing

Bearing No. 32208-XL

|                       |                   |
|-----------------------|-------------------|
| Size                  | 40x80x24.75 mm    |
| Bore Diameter         | 40 mm             |
| Outer Diameter        | 80 mm             |
| Width                 | 24,75 mm          |
| d                     | 40 mm             |
| D                     | 80 mm             |
| T                     | 24,75 mm          |
| a                     | 19,1 mm           |
| B                     | 23 mm             |
| C                     | 19 mm             |
| $C_{a \text{ min}}$   | 3 mm              |
| $C_{b \text{ min}}$   | 5,5 mm            |
| $D_{a \text{ max}}$   | 73 mm             |
| $D_{a \text{ min}}$   | 68 mm             |
| $D_{b \text{ min}}$   | 75 mm             |
| $d_1$                 | 60 mm             |
| $d_{a \text{ max}}$   | 48 mm             |
| $d_{b \text{ min}}$   | 47 mm             |
| $r_{1,2 \text{ min}}$ | 1,5 mm            |
| $r_{3,4 \text{ min}}$ | 1,5 mm            |
| $r_{a \text{ max}}$   | 1,5 mm            |
| $r_{b \text{ max}}$   | 1,5 mm            |
| m                     | 0,599 kg / Weight |
| C                     | 94000 N           |

32208-XL Bearing 2D drawings and 3D CAD models



## UBC Mechanical Electronic Instrument ...

|          |  |
|----------|--|
| r        |  |
| $C_{0r}$ | 94000 N / Static load rating<br>(radial) |
| e        | 0,37                                     |
| Y        | 1,6                                      |
| $Y_0$    | 0,88                                     |
| $C_{ur}$ | 14100 N / Fatigue limit load,<br>radial  |
| $n_G$    | 9200 1/min / Limiting speed              |
| $n_B$    | 5300 1/min / Reference<br>speed          |