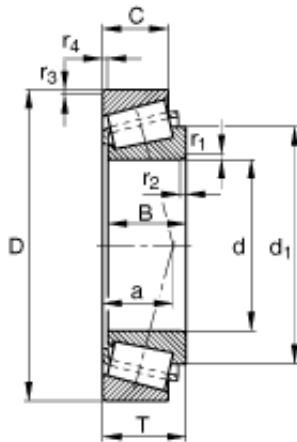




# BEARING PRECISION AXLE CORP.



## 95 mm x 170 mm x 32 mm FAG 30219-A Tapered Roller Bearing Assemblies

Bearing No. 30219-A

|                       |                  |
|-----------------------|------------------|
| Size                  | 95x170x34.5 mm   |
| Bore Diameter         | 95 mm            |
| Outer Diameter        | 170 mm           |
| Width                 | 34,5 mm          |
| d                     | 95 mm            |
| D                     | 170 mm           |
| T                     | 34,5 mm          |
| a                     | 34 mm            |
| B                     | 32 mm            |
| C                     | 27 mm            |
| $C_{a \text{ min}}$   | 5 mm             |
| $C_{b \text{ min}}$   | 7,5 mm           |
| $D_{a \text{ max}}$   | 158 mm           |
| $D_{a \text{ min}}$   | 149 mm           |
| $D_{b \text{ min}}$   | 159 mm           |
| $d_1$                 | 128 mm           |
| $d_{a \text{ max}}$   | 110 mm           |
| $d_{b \text{ min}}$   | 107 mm           |
| $r_{1,2 \text{ min}}$ | 3 mm             |
| $r_{3,4 \text{ min}}$ | 2,5 mm           |
| $r_{a \text{ max}}$   | 3 mm             |
| $r_{b \text{ max}}$   | 2,5 mm           |
| m                     | 3,13 kg / Weight |
| C                     | 222000 N         |

30219-A Bearing 2D drawings and 3D CAD models



## BEARING PRECISION AXLE CORP.

|          |   |
|----------|---|
| r        |   |
| $C_{0r}$ | 285000 N / Static load rating<br>(radial) |
| e        | 0,42                                      |
| Y        | 1,43                                      |
| $Y_0$    | 0,79                                      |
| $C_{ur}$ | 32000 N / Fatigue limit load,<br>radial   |
| $n_G$    | 4250 1/min / Limiting speed               |
| $n_B$    | 2900 1/min / Reference<br>speed           |