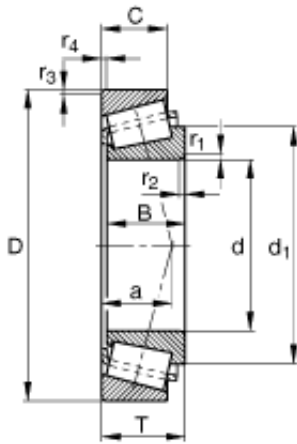




# BEARING CORP.OF AMERICA



## 40 mm x 75 mm x 26 mm FAG 33108 Tapered Roller Bearing Assemblies

Bearing No. 33108

|                        |                   |
|------------------------|-------------------|
| Size                   | 40x75x26 mm       |
| Bore Diameter          | 40 mm             |
| Outer Diameter         | 75 mm             |
| Width                  | 26 mm             |
| d                      | 40 mm             |
| D                      | 75 mm             |
| T                      | 26 mm             |
| a                      | 18 mm             |
| B                      | 26 mm             |
| C                      | 20,5 mm           |
| $C_{a \text{ min}}$    | 4 mm              |
| $C_{b \text{ min}}$    | 5,5 mm            |
| $D_{a \text{ max}}$    | 68 mm             |
| $D_{a \text{ min}}$    | 65 mm             |
| $D_{b \text{ min}}$    | 71 mm             |
| $d_1$                  | 58,7 mm           |
| $d_{a \text{ max}}$    | 47 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                      | 0,541 kg / Weight |
| C                      | 79000 N           |

33108 Bearing 2D drawings and 3D CAD models



## BEARING CORP.OF AMERICA

|          |   |
|----------|---|
| r        |   |
| $C_{0r}$ | 103000 N / Static load rating<br>(radial) |
| e        | 0,36                                      |
| Y        | 1,69                                      |
| $Y_0$    | 0,93                                      |
| $C_{ur}$ | 12800 N / Fatigue limit load,<br>radial   |
| $n_G$    | 9500 1/min / Limiting speed               |
| $n_B$    | 5500 1/min / Reference<br>speed           |