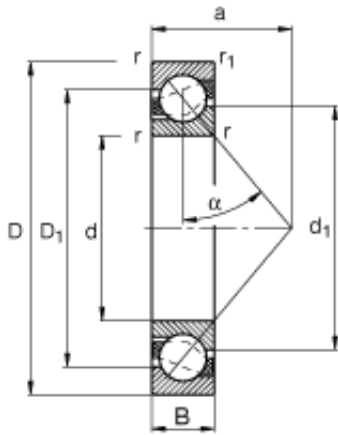




# NACHI BEARINGS TRAINING INDUSTRY



## 45 mm x 100 mm x 25 mm FAG 7309-B-TVP Angular Contact Ball Bearings

Bearing No. 7309-B-TVP

|                     |  |
|---------------------|--|
| Size                | 45x100x25 mm                           |
| Bore Diameter       | 45 mm                                  |
| Outer Diameter      | 100 mm                                 |
| Width               | 25 mm                                  |
| d                   | 45 mm                                  |
| D                   | 100 mm                                 |
| B                   | 25 mm                                  |
| a                   | 43 mm                                  |
| D <sub>1</sub>      | 79,8 mm                                |
| D <sub>a max</sub>  | 91 mm                                  |
| D <sub>b max</sub>  | 94,4 mm                                |
| d <sub>1</sub>      | 66,7 mm                                |
| d <sub>a min</sub>  | 54 mm                                  |
| r <sub>1 min</sub>  | 1 mm                                   |
| r <sub>a max</sub>  | 1,5 mm                                 |
| r <sub>a1 max</sub> | 1 mm                                   |
| r <sub>min</sub>    | 1,5 mm                                 |
|                     | 40 ° / Angle                           |
| m                   | 0,813 kg / Weight                      |
| C <sub>r</sub>      | 65000 N / Dynamic load rating (radial) |
| C <sub>0r</sub>     | 43000 N / Static load rating (radial)  |
| n <sub>G</sub>      | 8400 1/min / Limiting speed            |
|                     |  |

7309-B-TVP Bearing 2D drawings and 3D CAD models



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|          |                              |
|----------|------------------------------|
| $n_B$    | 6500 1/min / Reference speed |
| $C_{ur}$ | 2900 N                       |