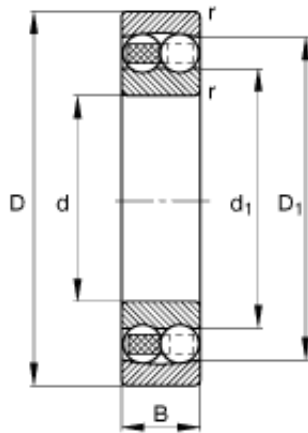




# NTN BEARING CORP.

17 mm x 40 mm x 16 mm FAG 2203-TVH self aligning ball bearings



Bearing No. 2203-TVH

2203-TVH Bearing 2D drawings and 3D CAD models

|                    |  |
|--------------------|--|
| Size               | 17x40x16 mm                            |
| Bore Diameter      | 17 mm                                  |
| Outer Diameter     | 40 mm                                  |
| Width              | 16 mm                                  |
| d                  | 17 mm                                  |
| D                  | 40 mm                                  |
| B                  | 16 mm                                  |
| D <sub>1</sub>     | 34,1 mm                                |
| D <sub>a max</sub> | 35,8 mm                                |
| d <sub>1</sub>     | 23,9 mm                                |
| d <sub>a min</sub> | 21,2 mm                                |
| r <sub>a max</sub> | 0,6 mm                                 |
| r <sub>min</sub>   | 0,6 mm                                 |
| m                  | 0,088 kg / Weight                      |
| C <sub>r</sub>     | 11800 N / Dynamic load rating (radial) |
| e                  | 0,46                                   |
| Y <sub>1</sub>     | 1,37                                   |
| Y <sub>2</sub>     | 2,12                                   |
| C <sub>0r</sub>    | 2750 N / Static load rating (radial)   |
| Y <sub>0</sub>     | 1,43                                   |
| n <sub>G</sub>     | 19000 1/min / Limiting speed           |
| n <sub>B</sub>     | 19300 1/min / Reference                |



## NTN BEARING CORP.

|          |                                       |
|----------|---------------------------------------|
|          | speed                                 |
| $C_{ur}$ | 171 N / Fatigue limit load,<br>radial |