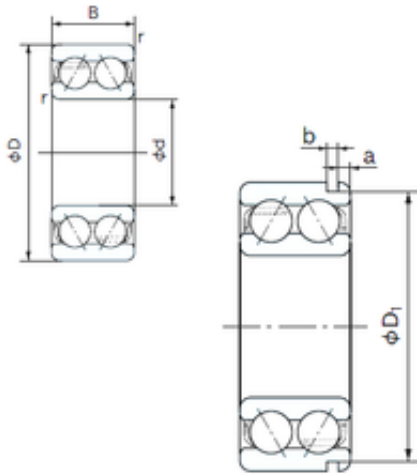




## BEARING-SINGAPORE (PTE)LTD.



17 mm x 40 mm x 17.5 mm NACHI 5203N  
angular contact ball bearings

Bearing No. 5203N

|                               |                  |
|-------------------------------|------------------|
| Size                          | 17x40x17.5 mm    |
| Bore Diameter                 | 17 mm            |
| Outer Diameter                | 40 mm            |
| Width                         | 17.5 mm          |
| d                             | 17 mm            |
| D                             | 40 mm            |
| B                             | 17.5 mm          |
| C                             | 17.5 mm          |
| a                             | 2.06 mm          |
| b                             | 1.35 mm          |
| r min.                        | 0.6 mm           |
| D1                            | 38.1 mm          |
| Weight                        | 0.090 Kg         |
| Basic dynamic load rating (C) | 15 kN            |
| Basic static load rating (C0) | 9,25 kN          |
| (Grease) Lubrication Speed    | 12000 r/min      |
| Bore Type                     | Cylindrical Bore |
| Enclosure                     | Open             |
| Configuration                 | Double Row       |
| Bore Size                     | 17 mm            |
| Outside Diameter              | 40 mm            |
| Width                         | 17.5 mm          |
| Fillet Radius/Chamfer         | 0.6 mm           |
| Groove Width                  | 1.4 mm           |
| Groove Diameter               | 38.1 mm          |

5203N Bearing 2D drawings and 3D CAD models



## BEARING-SINGAPORE (PTE)LTD.

|                         |                   |
|-------------------------|-------------------|
| a (max)                 | 2.1 mm            |
| Dynamic Load Rating     | 15,000 N          |
| Static Load Rating      | 9,250 N           |
| Limiting Speed - Grease | 12,000 rpm        |
| Limiting Speed - Oil    | 17,000 rpm        |
| Radial Clearance        | 0.003 to 0.018 mm |
| da                      | 22 mm             |
| Da                      | 35 mm             |
| Dx                      | 45.5 mm           |
| ra                      | 0.6 mm            |
| Cy                      | 2.9 mm            |