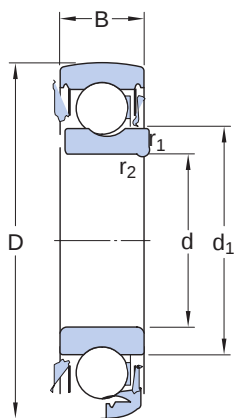


## 1726203-2RS1



Insert bearings are based on sealed deep groove ball bearings. These insert bearings are suitable for applications where smooth running is a key operational parameter. It can accommodate heavier axial loads than any other insert bearing. The bearings are sealed on both sides, made of sheet steel reinforced NBR, and are fitted in a recess on the outer ring and ride against the inner ring shoulder to act as contact seals.

- Smooth running
- Can accommodate heavy axial loads
- Sealed on both sides



### Dimensions

|                  |             |                                 |
|------------------|-------------|---------------------------------|
| d                | 17 mm       | Bore diameter                   |
| D                | 40 mm       | Outside diameter                |
| B                | 12 mm       | Width of inner ring             |
| d <sub>1</sub>   | ≈ 24.5 mm   | Outside diameter of inner ring  |
| r <sub>1,2</sub> | min. 0.6 mm | Chamfer dimension of inner ring |

### Calculation data

|                           |                |              |
|---------------------------|----------------|--------------|
| Basic dynamic load rating | C              | 9.56 kN      |
| Basic static load rating  | C <sub>0</sub> | 4.75 kN      |
| Fatigue load limit        | P <sub>u</sub> | 0.2 kN       |
| Limiting speed            |                | 12 000 r/min |
| Calculation factor        | f <sub>0</sub> | 13           |

### Associated products

|                     |         |
|---------------------|---------|
| Rubber seating ring | RIS 203 |
|---------------------|---------|

## Tolerances and clearances

### GENERAL BEARING SPECIFICATIONS

- Tolerances: table 1, table 2
- Radial internal clearance: Standard inner ring, Other bearings

### BEARING INTERFACES

- Shaft tolerances

AGA BEARINGS