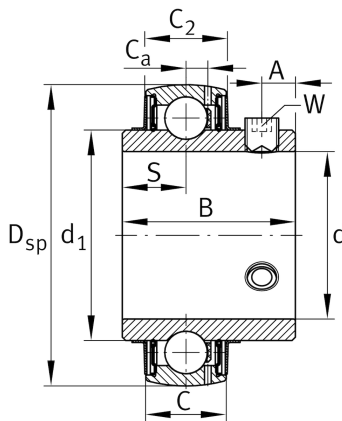


**FAG****UC203** **Radial insert ball bearing**

Radial insert ball bearings UC, spherical outer ring, location by grub screws, RSR seals on both sides

**Technical information****Main Dimensions & Performance Data**

|                 |          |                                   |
|-----------------|----------|-----------------------------------|
| d               | 17 mm    | Bore diameter                     |
| D <sub>sp</sub> | 47 mm    | Outside diameter                  |
| B               | 31 mm    | Width                             |
| C <sub>ur</sub> | 345 N    | Fatigue load limit, radial        |
| C <sub>r</sub>  | 13,600 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 6,600 N  | Basic static load rating, radial  |
| ≈m              | 0.185 kg | Weight                            |

**Dimensions**

|                |          |                              |
|----------------|----------|------------------------------|
| C              | 17 mm    | Width, outer ring            |
| C <sub>2</sub> | 16.8 mm  | Sealing total width          |
| S              | 12.7 mm  | Distance raceway             |
| d <sub>1</sub> | 27.56 mm | Rib diameter inner ring      |
| C <sub>a</sub> | 4.2 mm   | Distance to lubrication hole |
| A              | 5 mm     | Distance thread              |
| W              | 3 mm     | Width of flats               |

**Temperature range**

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -20 °C | Operating temperature min. |
| T <sub>max</sub> | 100 °C | Operating temperature max. |

**Calculation factors**

|                |      |                    |
|----------------|------|--------------------|
| f <sub>0</sub> | 13.1 | Calculation factor |
|----------------|------|--------------------|