

**FAG****UC215-45**

## 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               | 71,438 mm | Bore diameter                     |
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| D <sub>SP</sub> | 130 mm    | Outside diameter                  |
| B               | 77,8 mm   | Width                             |
| C <sub>0r</sub> | 44.500 N  | Basic static load rating, radial  |
| C <sub>ur</sub> | 2.300 N   | Fatigue load limit, radial        |
| C <sub>r</sub>  | 66.000 N  | Basic dynamic load rating, radial |
| ≈m              | 2,39 kg   | Weight                            |

**Dimensions**

|                |         |                              |
|----------------|---------|------------------------------|
| C              | 32 mm   | Width, outer ring            |
| C <sub>2</sub> | 33,4 mm | Sealing total width          |
| S              | 33,3 mm | Distance raceway             |
| d <sub>1</sub> | 90 mm   | Rib diameter inner ring      |
| C <sub>a</sub> | 8,5 mm  | Distance to lubrication hole |
| A              | 12 mm   | Distance thread              |

**Temperature range**

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



### Calculation factors

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|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 14,6 | Calculation factor |
|-------|------|--------------------|

### Characteristics

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-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides
-  Static angular error and misalignment