

**FAG****UK216-OSE**

Radial insert ball bearing

## Technical information

**Main Dimensions & Performance Data**

|                 |          |                                   |
|-----------------|----------|-----------------------------------|
| d               | 80 mm    | Bore diameter                     |
| D <sub>SP</sub> | 140 mm   | Outside diameter                  |
| B               | 46 mm    | Width                             |
| C <sub>0r</sub> | 54.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 2.700 N  | Fatigue load limit, radial        |
| C <sub>r</sub>  | 76.000 N | Basic dynamic load rating, radial |
| ≈m              | 1,93 kg  | Weight                            |

**Dimensions**

|                |        |                              |
|----------------|--------|------------------------------|
| C              | 33 mm  | Width, outer ring            |
| C <sub>2</sub> | 34 mm  | Sealing total width          |
| C <sub>a</sub> | 9,3 mm | Distance to lubrication hole |

**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> | 14,7 | 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