

**FAG****UC217-52**

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 | 82,55 mm | Bore diameter |
| d | 82,55 mm | Bore diameter, inch |
| D _{SP} | 150 mm | Outside diameter |
| B | 85,7 mm | Width |
| C _{0r} | 64.000 N | Basic static load rating, radial |
| C _{ur} | 3.050 N | Fatigue load limit, radial |
| C _r | 88.000 N | Basic dynamic load rating, radial |
| ≈m | 3,62 kg | Weight |

Dimensions

| | | |
|----------------|-----------|------------------------------|
| C | 35 mm | Width, outer ring |
| C ₂ | 36,4 mm | Sealing total width |
| S | 34,1 mm | Distance raceway |
| d ₁ | 104,09 mm | Rib diameter inner ring |
| C _a | 10 mm | Distance to lubrication hole |
| A | 14 mm | Distance thread |

Temperature range

| | | |
|------------------|--------|----------------------------|
| T _{min} | -20 °C | Operating temperature min. |
| T _{max} | 100 °C | Operating temperature max. |



Calculation factors

| | | |
|-------|------|--------------------|
| f_0 | 14,8 | Calculation factor |
|-------|------|--------------------|

Characteristics

-  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