



FAG

UC205-13

Radial insert ball bearing

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

Informacje techniczne



Main Dimensions & Performance Data

|                 |           |                                   |
|-----------------|-----------|-----------------------------------|
| d               | 20,638 mm | Bore diameter                     |
| d               | 20,637 mm | Bore diameter, inch               |
| D <sub>SP</sub> | 52 mm     | Outside diameter                  |
| B               | 34,1 mm   | Width                             |
| C <sub>0r</sub> | 7.800 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 410 N     | Fatigue load limit, radial        |
| C <sub>r</sub>  | 14.900 N  | Basic dynamic load rating, radial |
| ≈m              | 0,24 kg   | Masa                              |

Dimensions

|                |          |                              |
|----------------|----------|------------------------------|
| C              | 17 mm    | Width, outer ring            |
| C <sub>2</sub> | 17,6 mm  | Sealing total width          |
| S              | 14,3 mm  | Distance raceway             |
| d <sub>1</sub> | 33,83 mm | Rib diameter inner ring      |
| C <sub>a</sub> | 4,2 mm   | Distance to lubrication hole |
| A              | 5 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

|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 13,8 | Calculation factor |
|-------|------|--------------------|

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne
-  Nieosiowość statyczna