



FAG

UC214-44

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               | 69,85 mm | Bore diameter                     |
| d               | 69,85 mm | Bore diameter, inch               |
| D <sub>SP</sub> | 125 mm   | Outside diameter                  |
| B               | 74,6 mm  | Width                             |
| C <sub>0r</sub> | 44.000 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              | 1,97 kg  | Masa                              |

Dimensions

|                |         |                              |
|----------------|---------|------------------------------|
| C              | 30 mm   | Width, outer ring            |
| C <sub>2</sub> | 31,4 mm | Sealing total width          |
| S              | 30,2 mm | Distance raceway             |
| d <sub>1</sub> | 85,2 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

|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 14,4 | Calculation factor |
|-------|------|--------------------|

### Właściwości

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