



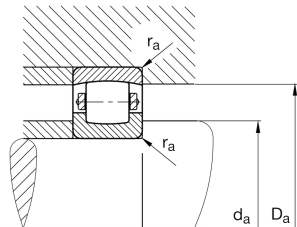
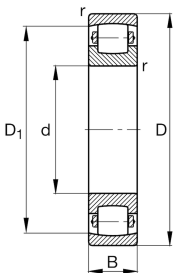
FAG

20310-TVP

Barrel roller bearing

Barrel roller bearings 203, main dimensions to DIN 635-1

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                           |
|---------------------------|--------------|---------------------------|
| Bore type                 | Z            | Cylindrical               |
| Cage                      | TVP          | Plastic cage              |
| Radial internal clearance | CN (Group N) | Normal internal clearance |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 50 mm       | Bore diameter                     |
| D               | 110 mm      | Outside diameter                  |
| B               | 27 mm       | Width                             |
| C <sub>r</sub>  | 108.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 118.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 10.600 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 5.800 1/min | Limiting speed                    |
| ≈m              | 1,138 kg    | Masa                              |

Mounting dimensions

|                    |       |                                      |
|--------------------|-------|--------------------------------------|
| d <sub>a min</sub> | 61 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 99 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 2 mm  | Maximum recess radius                |

Dimensions

|                  |         |                           |
|------------------|---------|---------------------------|
| r <sub>min</sub> | 2 mm    | Minimum chamfer dimension |
| D <sub>1</sub>   | 94,4 mm | Bore diameter outer ring  |



### Temperature range

|           |        |                            |
|-----------|--------|----------------------------|
| $T_{min}$ | -30 °C | Operating temperature min. |
| $T_{max}$ | 120 °C | Operating temperature max. |

### Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna