



FAG

20220-MB

Barrel roller bearing

Barrel roller bearing 202...-MB

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                           |
|---------------------------|--------------|---------------------------|
| Bore type                 | Z            | Cylindrical               |
| Cage                      | MB           | Solid brass cage          |
| Radial internal clearance | CN (Group N) | Normal internal clearance |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 100 mm      | Bore diameter                     |
| D               | 180 mm      | Outside diameter                  |
| B               | 34 mm       | Width                             |
| C <sub>r</sub>  | 225.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 290.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 28.500 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 4.000 1/min | Limiting speed                    |
| ≈m              | 3,916 kg    | Masa                              |

Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 112 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 168 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 2,1 mm | Maximum recess radius                |

Dimensions

|                  |          |                           |
|------------------|----------|---------------------------|
| r <sub>min</sub> | 2,1 mm   | Minimum chamfer dimension |
| D <sub>1</sub>   | 160,8 mm | Bore diameter outer ring  |



### Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 200 °C | Operating temperature max. |

### Właściwości

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