



FAG

20311-TVP-C3

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 | C3 (Group 3) | Internal clearance larger than CN |

Main Dimensions & Performance Data

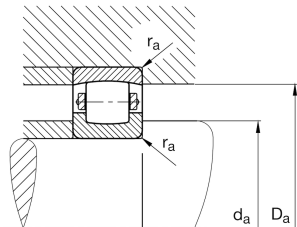
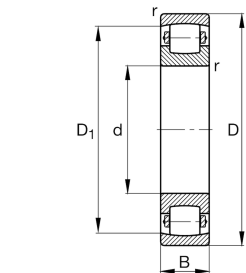
|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 55 mm       | Bore diameter                     |
| D               | 120 mm      | Outside diameter                  |
| B               | 29 mm       | Width                             |
| C <sub>r</sub>  | 120.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 138.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 12.600 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 5.400 1/min | Limiting speed                    |
| ≈m              | 1,67 kg     | Masa                              |

Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 66 mm  | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 109 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>   | 101,7 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