

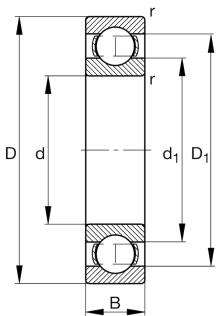
FAG

6244-N2-MA-C4

Deep groove ball bearing

Deep groove ball bearing 62...-N2-MA, single row, holding grooves, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |              |                                                     |
|----------------------------------|--------------|-----------------------------------------------------|
| Sealing                          | Without      | Not sealed                                          |
| Design, bearing outer ring       | N2           | Two retaining grooves in the outer ring on one side |
| Cage                             | MA           | Solid brass cage, outer ring guided                 |
| Tolerance class                  | PN           | Normal (ISO 492:2023)                               |
| Dimensional / heat stabilization | S1           | Rings dimensional stabilized up to 200°             |
| Lubricant                        | Without      | Bearing not greased                                 |
| Radial internal clearance        | C4 (Group 4) | Internal clearance larger than C3                   |
| Bore type                        | Z            | Cylindrical                                         |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 220 mm      | Bore diameter                     |
| D               | 400 mm      | Outside diameter                  |
| B               | 65 mm       | Width                             |
| C <sub>r</sub>  | 295.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 355.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 13.900 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.850 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.200 1/min | Reference speed                   |
| ≈m              | 37,4 kg     | Masa                              |



### Mounting dimensions

|              |        |                                      |
|--------------|--------|--------------------------------------|
| $d_{a\ min}$ | 237 mm | Minimum diameter shaft shoulder      |
| $D_{a\ max}$ | 383 mm | Maximum diameter of housing shoulder |
| $r_{a\ max}$ | 3 mm   | Maximum fillet radius                |

### Dimensions

|            |           |                              |
|------------|-----------|------------------------------|
| $r_{\min}$ | 4 mm      | Minimum chamfer dimension    |
| $D_1$      | 338,5 mm  | Shoulder diameter outer ring |
| $d_1$      | 282,15 mm | Shoulder diameter inner ring |

### Temperature range

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

### Calculation factors

|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 15,2 | Calculation factor |
|-------|------|--------------------|

### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Łożysko gabarytowe