



FAG

6236-MA-C4L

Deep groove ball bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |                |                                                                |
|----------------------------------|----------------|----------------------------------------------------------------|
| Sealing                          | Without        | Not sealed                                                     |
| 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        | C4L (Group 4L) | Internal clearance in the lower tolerance band of the C4 range |
| Bore type                        | Z              | Cylindrical                                                    |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 180 mm      | Bore diameter                     |
| D               | 320 mm      | Outside diameter                  |
| B               | 52 mm       | Width                             |
| C <sub>r</sub>  | 240.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 244.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 10.600 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 3.650 1/min | Limiting speed                    |
| n <sub>gr</sub> | 2.750 1/min | Reference speed                   |
| m               | 18,9 kg     | Masa                              |



### Mounting dimensions

|              |        |                                      |
|--------------|--------|--------------------------------------|
| $d_{a\ min}$ | 197 mm | Minimum diameter shaft shoulder      |
| $D_{a\ max}$ | 303 mm | Maximum diameter of housing shoulder |
| $r_{a\ max}$ | 3 mm   | Maximum fillet radius                |

### Dimensions

|             |          |                              |
|-------------|----------|------------------------------|
| $r_{\ min}$ | 4 mm     | Minimum chamfer dimension    |
| $D_1$       | 272,8 mm | Shoulder diameter outer ring |
| $d_1$       | 228,6 mm | Shoulder diameter inner ring |

### Temperature range

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

### Calculation factors

|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 15,3 | Calculation factor |
|-------|------|--------------------|

### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia