



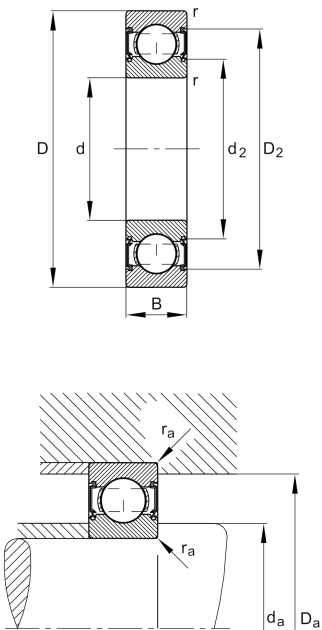
FAG

6208-C-HRS-C3>V

Deep groove ball bearing

Deep groove ball bearing 62...-C-HRS, single row, Generation C, seal, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |              |                                         |
|----------------------------------|--------------|-----------------------------------------|
| Version code                     | >V           | Not marked on bearing                   |
| Changed internal design          | C            | GenerationC                             |
| Sealing                          | HRS          | Contact seal on one side                |
| Cage                             | JN           | Steel sheet metal                       |
| Tolerance class                  | P6           | Class 6 (ISO 492:2023)                  |
| Dimensional / heat stabilization | SN           | Rings dimensional stabilized up to 120° |
| Lubricant                        | Without      | Bearing not greased                     |
| Radial internal clearance        | C3 (Group 3) | Internal clearance larger than CN       |
| Bore type                        | Z            | Cylindrical                             |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 40 mm       | Bore diameter                     |
| D               | 80 mm       | Outside diameter                  |
| B               | 18 mm       | Width                             |
| C <sub>r</sub>  | 33.500 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 17.800 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 1.230 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 7.800 1/min | Limiting speed                    |
| ≈m              | 0,347 kg    | Masa                              |



### Mounting dimensions

|              |       |                                      |
|--------------|-------|--------------------------------------|
| $d_{a\ min}$ | 47 mm | Minimum diameter shaft shoulder      |
| $D_{a\ max}$ | 73 mm | Maximum diameter of housing shoulder |
| $r_{a\ max}$ | 1 mm  | Maximum fillet radius                |

### Dimensions

|             |          |                              |
|-------------|----------|------------------------------|
| $r_{\ min}$ | 1,1 mm   | Minimum chamfer dimension    |
| $D_1$       | 67,6 mm  | Shoulder diameter outer ring |
| $D_2$       | 70,56 mm | Caliber diameter outer ring  |
| $d_1$       | 51,88 mm | Shoulder diameter inner ring |
| $d_2$       | 49,3 mm  | Caliber diameter inner ring  |

### Temperature range

|             |        |                            |
|-------------|--------|----------------------------|
| $T_{\ min}$ | -30 °C | Operating temperature min. |
| $T_{\ max}$ | 100 °C | Operating temperature max. |

### Calculation factors

|       |    |                    |
|-------|----|--------------------|
| $f_0$ | 14 | Calculation factor |
|-------|----|--------------------|

### Właściwości

|  |                                   |
|--|-----------------------------------|
|  | Obciążenie promieniowe            |
|  | Obciążenie osiowe jednokierunkowe |
|  | Obciążenie osiowe dwukierunkowe   |
|  | Smarowanie smarem                 |
|  | Smarowanie olejem                 |
|  | Uszczelnienie jednostronne        |