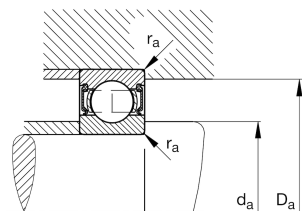


**FAG****6307-2RSR** 

Deep groove ball bearing

Deep groove ball bearing 63...-2RSR, single row, seals, steel sheet metal cage

## Informacje techniczne



## Twoja aktualna wersja produktu

|                                  |              |                                         |
|----------------------------------|--------------|-----------------------------------------|
| Sealing                          | 2RSR         | Contact seal on both sides              |
| Cage                             | JN           | Steel sheet metal                       |
| Tolerance class                  | PN           | Normal (ISO 492:2023)                   |
| Dimensional / heat stabilization | SN           | Rings dimensional stabilized up to 120° |
| Lubricant                        | GA13         | Ball bearing and insert bearing grease  |
| Radial internal clearance        | CN (Group N) | Normal internal clearance               |
| Bore type                        | Z            | Cylindrical                             |

## Main Dimensions &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 35 mm       | Bore diameter                     |
| D               | 80 mm       | Outside diameter                  |
| B               | 21 mm       | Width                             |
| C <sub>r</sub>  | 35.500 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 19.100 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 1.290 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 5.400 1/min | Limiting speed                    |
| m               | 0,464 kg    | Masa                              |

## Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 44 mm  | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 71 mm  | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1,5 mm | Maximum fillet radius                |



Dimensions

|                  |         |                              |
|------------------|---------|------------------------------|
| r <sub>min</sub> | 1,5 mm  | Minimum chamfer dimension    |
| D <sub>1</sub>   | 65,6 mm | Shoulder diameter outer ring |
| D <sub>2</sub>   | 67,6 mm | Caliber diameter outer ring  |
| d <sub>1</sub>   | 49,3 mm | Shoulder diameter inner ring |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -20 °C | Operating temperature min. |
| T <sub>max</sub> | 100 °C | Operating temperature max. |

Calculation factors

|                |      |                    |
|----------------|------|--------------------|
| f <sub>0</sub> | 13,1 | Calculation factor |
|----------------|------|--------------------|

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne