



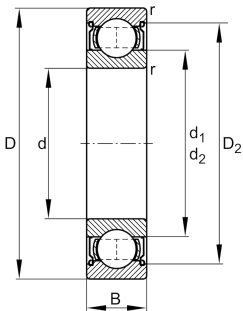
FAG

F61801-2RSR-HLC

Deep groove ball bearing

Deep groove ball bearing F618..-2RSR, single row, with flange, seals, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |                    |                                         |
|----------------------------------|--------------------|-----------------------------------------|
| Logistical code                  | HLC                | -                                       |
| Cage                             | JN                 | Steel sheet metal                       |
| Design, bearing outer ring       | F                  | Flange                                  |
| Sealing                          | 2RSR               | Contact seal on both sides              |
| Tolerance class                  | PN                 | Normal (ISO 492:2023)                   |
| Dimensional / heat stabilization | SN                 | Rings dimensional stabilized up to 120° |
| Lubricant                        | Lubricating grease |                                         |
| Radial internal clearance        | CN (Group N)       | Normal internal clearance               |

Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 12 mm        | Bore diameter                     |
| D               | 21 mm        | Outside diameter                  |
| B               | 5 mm         | Width                             |
| C <sub>r</sub>  | 1.920 N      | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 1.040 N      | Basic static load rating, radial  |
| C <sub>ur</sub> | 47,5 N       | Fatigue load limit, radial        |
| n <sub>G</sub>  | 18.100 1/min | Limiting speed                    |
| ≈m              | 7,1 g        | Masa                              |



Dimensions

|                  |          |                              |
|------------------|----------|------------------------------|
| r <sub>min</sub> | 0,3 mm   | Minimum chamfer dimension    |
| D <sub>1</sub>   | 18,3 mm  | Shoulder diameter outer ring |
| D <sub>2</sub>   | 19,15 mm | Caliber diameter outer ring  |
| d <sub>1</sub>   | 14,8 mm  | Shoulder diameter inner ring |
| d <sub>2</sub>   | 13,8 mm  | Caliber diameter inner ring  |
| B <sub>f</sub>   | 1,5 mm   | Width flange                 |
| D <sub>f</sub>   | 23 mm    | Outer diameter flange        |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 100 °C | Operating temperature max. |

Calculation factors

|                |      |                    |
|----------------|------|--------------------|
| f <sub>0</sub> | 15,3 | Calculation factor |
|----------------|------|--------------------|

Właściwości

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