



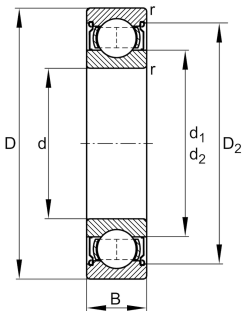
FAG

F604-2Z-HLC

Deep groove ball bearing

Deep groove ball bearing F60...-2Z, single row, with flange, shields, 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                          | 2Z                 | Non-contact shield 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               | 4 mm         | Bore diameter                     |
| D               | 12 mm        | Outside diameter                  |
| B               | 4 mm         | Width                             |
| C <sub>r</sub>  | 959 N        | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 347 N        | Basic static load rating, radial  |
| C <sub>ur</sub> | 9,3 N        | Fatigue load limit, radial        |
| n <sub>G</sub>  | 69.000 1/min | Limiting speed                    |
| n <sub>gr</sub> | 55.000 1/min | Reference speed                   |
| m               | 2,57 g       | Masa                              |



Dimensions

|                  |         |                              |
|------------------|---------|------------------------------|
| r <sub>min</sub> | 0,2 mm  | Minimum chamfer dimension    |
| D <sub>1</sub>   | 8,95 mm | Shoulder diameter outer ring |
| D <sub>2</sub>   | 9,85 mm | Caliber diameter outer ring  |
| d <sub>1</sub>   | 6,15 mm | Shoulder diameter inner ring |
| d <sub>2</sub>   | 5,6 mm  | Caliber diameter inner ring  |
| B <sub>f</sub>   | 1 mm    | Width flange                 |
| D <sub>f</sub>   | 13,5 mm | Outer diameter flange        |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |

Calculation factors

|                |      |                    |
|----------------|------|--------------------|
| f <sub>0</sub> | 12,4 | Calculation factor |
|----------------|------|--------------------|

Właściwości

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