



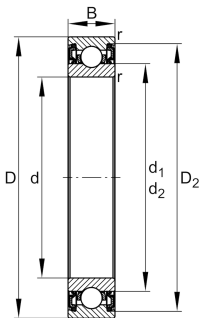
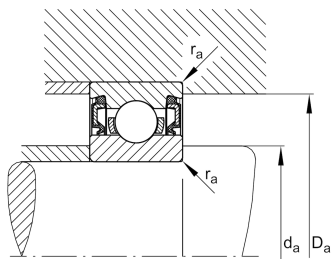
FAG

61908-2RZ

Deep groove ball bearing

Deep groove ball bearing 619...-2RZ, single row, shields, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |              |                                         |
|----------------------------------|--------------|-----------------------------------------|
| Sealing                          | 2RZ          | Non-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                        | GA14         | Ball bearing grease, low noise          |
| Radial internal clearance        | CN (Group N) | Normal internal clearance               |
| Bore type                        | Z            | Cylindrical                             |

Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 40 mm        | Bore diameter                     |
| D               | 62 mm        | Outside diameter                  |
| B               | 12 mm        | Width                             |
| C <sub>r</sub>  | 14.500 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 9.900 N      | Basic static load rating, radial  |
| C <sub>ur</sub> | 590 N        | Fatigue load limit, radial        |
| n <sub>G</sub>  | 13.500 1/min | Limiting speed                    |
| n <sub>gr</sub> | 10.000 1/min | Reference speed                   |
| ≈m              | 0,11 kg      | Masa                              |



Mounting dimensions

|              |         |                                      |
|--------------|---------|--------------------------------------|
| $d_{a\ min}$ | 43,2 mm | Minimum diameter shaft shoulder      |
| $D_{a\ max}$ | 58,8 mm | Maximum diameter of housing shoulder |
| $r_{a\ max}$ | 0,6 mm  | Maximum fillet radius                |

Dimensions

|             |          |                              |
|-------------|----------|------------------------------|
| $r_{\ min}$ | 0,6 mm   | Minimum chamfer dimension    |
| $D_{\ 1}$   | 55,25 mm | Shoulder diameter outer ring |
| $D_{\ 2}$   | 57,3 mm  | Caliber diameter outer ring  |
| $d_{\ 1}$   | 46,9 mm  | Shoulder diameter inner ring |

Temperature range

|             |        |                            |
|-------------|--------|----------------------------|
| $T_{\ min}$ | -20 °C | Operating temperature min. |
| $T_{\ max}$ | 100 °C | Operating temperature max. |

Calculation factors

|           |      |                    |
|-----------|------|--------------------|
| $f_{\ 0}$ | 15,5 | Calculation factor |
|-----------|------|--------------------|

Właściwości

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