



FAG

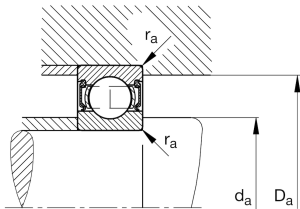
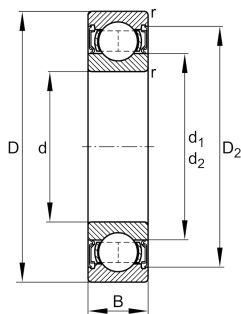
6007-2RSR-NR

Deep groove ball bearing

Deep groove ball bearing 60...-2RSR-NR,  
single row, seals, ring groove, snap ring, steel  
sheet metal cage



Informacje techniczne



Twoja aktualna wersja produktu

|                                  |              |                                          |
|----------------------------------|--------------|------------------------------------------|
| Sealing                          | 2RSR         | Contact seal on both sides               |
| Design, bearing outer ring       | NR           | Ring groove for snap ring with snap ring |
| 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               | 35 mm       | Bore diameter                     |
| D               | 62 mm       | Outside diameter                  |
| B               | 14 mm       | Width                             |
| C <sub>r</sub>  | 17.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 10.300 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 560 N       | Fatigue load limit, radial        |
| n <sub>G</sub>  | 6.200 1/min | Limiting speed                    |
| ≈m              | 150 g       | Masa                              |



Mounting dimensions

|             |         |                                      |
|-------------|---------|--------------------------------------|
| $d_{a\min}$ | 39,6 mm | Minimum diameter shaft shoulder      |
| $D_{a\max}$ | 57,4 mm | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 1 mm    | Maximum fillet radius                |

Dimensions

|            |         |                              |
|------------|---------|------------------------------|
| $r_{\min}$ | 1 mm    | Minimum chamfer dimension    |
| $D_1$      | 53,1 mm | Shoulder diameter outer ring |
| $D_2$      | 55,4 mm | Caliber diameter outer ring  |
| $d_1$      | 43,2 mm | Shoulder diameter inner ring |

Temperature range

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

Calculation factors

|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 14,9 | Calculation factor |
|-------|------|--------------------|

Właściwości

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