



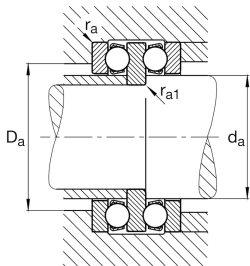
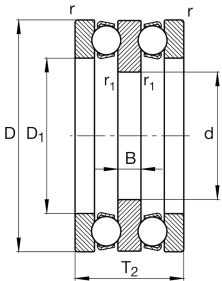
FAG

52209

Axial deep groove ball bearing

Axial deep groove ball bearing 522, double direction, steel sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |    |                                         |
|----------------------------------|----|-----------------------------------------|
| Cage                             | JP | Steel sheet metal                       |
| Tolerance class                  | PN | Normal (ISO 492:2023)                   |
| Dimensional / heat stabilization | S0 | Rings dimensional stabilized up to 150° |

Main Dimensions & Performance Data

|      |             |                                  |
|------|-------------|----------------------------------|
| d    | 35 mm       | Inner diameter shaft washer      |
| D    | 73 mm       | Outer diameter housing washer    |
| T 2  | 37 mm       | Height                           |
| C a  | 39.000 N    | Basic dynamic load rating, axial |
| C 0a | 80.000 N    | Basic static load rating, axial  |
| C ua | 3.650 N     | Fatigue load limit, axial        |
| n G  | 5.500 1/min | Limiting speed                   |
| n gr | 6.500 1/min | Reference speed                  |
| ≈m   | 0,57 kg     | Masa                             |

Mounting dimensions

|          |        |                                      |
|----------|--------|--------------------------------------|
| d a max  | 45 mm  | Maximum diameter shaft shoulder      |
| D a max  | 56 mm  | Maximum diameter of housing shoulder |
| r a max  | 1 mm   | Maximum filled radius                |
| r a1 max | 0,6 mm | Maximum filled radius                |



### Dimensions

|                    |        |                               |
|--------------------|--------|-------------------------------|
| D <sub>1</sub>     | 47 mm  | Inner diameter housing washer |
| B                  | 9 mm   | Height shaft washer           |
| r <sub>min</sub>   | 1 mm   | Minimum chamfer dimension     |
| r <sub>1 min</sub> | 0,6 mm | Minimum chamfer dimension     |

### Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 150 °C | Operating temperature max. |

### Calculation factors

|   |       |                     |
|---|-------|---------------------|
| A | 0,043 | Minimum load factor |
|---|-------|---------------------|

### Właściwości

-  **F<sub>a</sub>** Obciążenie osiowe jednokierunkowe
-  **F<sub>a</sub>** Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia