



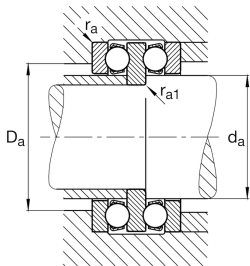
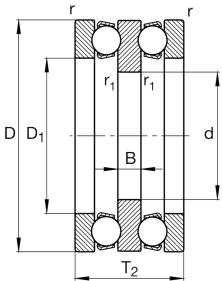
FAG

52320

Axial deep groove ball bearing

Axial deep groove ball bearing 523, 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    | 85 mm       | Inner diameter shaft washer      |
| D    | 170 mm      | Outer diameter housing washer    |
| T 2  | 97 mm       | Height                           |
| C a  | 238.000 N   | Basic dynamic load rating, axial |
| C 0a | 580.000 N   | Basic static load rating, axial  |
| C ua | 23.200 N    | Fatigue load limit, axial        |
| n G  | 1.970 1/min | Limiting speed                   |
| n gr | 3.550 1/min | Reference speed                  |
| ≈m   | 8,524 kg    | Masa                             |

Mounting dimensions

|          |        |                                      |
|----------|--------|--------------------------------------|
| d a max  | 100 mm | Maximum diameter shaft shoulder      |
| D a max  | 128 mm | Maximum diameter of housing shoulder |
| r a max  | 1,5 mm | Maximum filled radius                |
| r a1 max | 1 mm   | Maximum filled radius                |



Dimensions

|         |        |                               |
|---------|--------|-------------------------------|
| D 1     | 103 mm | Inner diameter housing washer |
| B       | 21 mm  | Height shaft washer           |
| r min   | 1,5 mm | Minimum chamfer dimension     |
| r 1 min | 1 mm   | Minimum chamfer dimension     |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 150 °C | Operating temperature max. |

Calculation factors

|   |     |                     |
|---|-----|---------------------|
| A | 1,9 | Minimum load factor |
|---|-----|---------------------|

Właściwości

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Obciążenie osiowe jednokierunkowe
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Obciążenie osiowe dwukierunkowe
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Smarowanie smarem
- 

Smarowanie olejem
- 

Bez uszczelnienia