



FAG

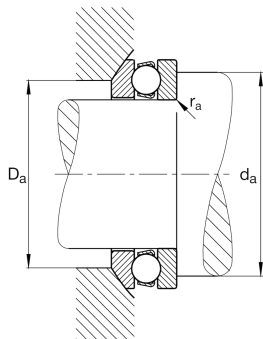
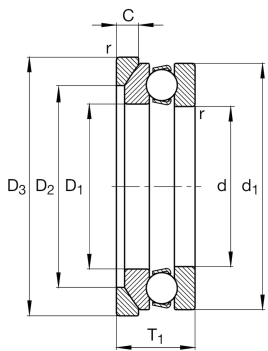
53305

Axial deep groove ball bearing

Axial deep groove ball bearing 533, single direction, with spherical housing washer, 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               | 25 mm        | Inner diameter shaft washer      |
| D               | 52 mm        | Outer diameter housing washer    |
| T               | 19,8 mm      | Height                           |
| C <sub>a</sub>  | 35.500 N     | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 61.500 N     | Basic static load rating, axial  |
| C <sub>ua</sub> | 2.795 N      | Fatigue load limit, axial        |
| n <sub>G</sub>  | 4.300 1/min  | Limiting speed                   |
| n <sub>gr</sub> | 10.400 1/min | Reference speed                  |
| m               | 0,175 kg     | Masa                             |

Mounting dimensions

|                    |       |                                      |
|--------------------|-------|--------------------------------------|
| d <sub>a min</sub> | 41 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 38 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1 mm  | Maximum filled radius                |



Dimensions

|                  |       |                                 |
|------------------|-------|---------------------------------|
| r <sub>min</sub> | 1 mm  | Minimum chamfer dimension       |
| D <sub>1</sub>   | 27 mm | Inner diameter housing washer   |
| d <sub>1</sub>   | 52 mm | Outer diameter shaft washer     |
| R                | 45 mm | Radius spherical housing washer |
| A                | 21 mm | Distance of the center point    |
| T <sub>1</sub>   | 22 mm | Height with seat washer         |
| D <sub>2</sub>   | 38 mm | Bore diameter seat washer       |
| D <sub>3</sub>   | 55 mm | Outside diameter seat washer    |
| C                | 6 mm  | Height seat washer              |

Temperature range

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

Calculation factors

|   |       |                     |
|---|-------|---------------------|
| A | 0,019 | Minimum load factor |
|---|-------|---------------------|

Additional information

|      |             |
|------|-------------|
| U305 | Seat washer |
|------|-------------|

Właściwości

|  |                                   |
|--|-----------------------------------|
|  | Obciążenie osiowe jednokierunkowe |
|  | Smarowanie smarem                 |
|  | Smarowanie olejem                 |
|  | Bez uszczelnienia                 |
|  | Nieosiowość statyczna             |