



FAG

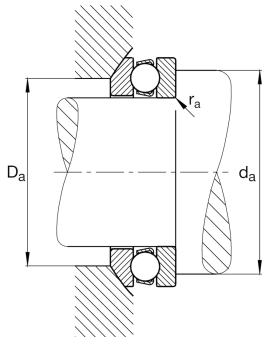
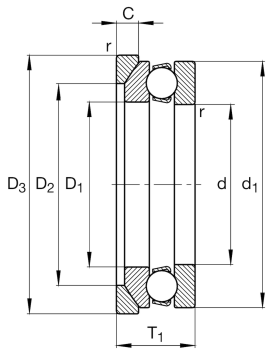
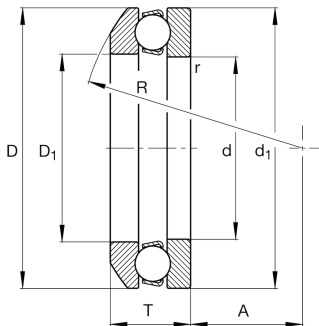
53234-MP

Axial deep groove ball bearing

Axial deep groove ball bearing 532...-MP,  
single direction, with spherical housing  
washer, solid brass cage



Informacje techniczne



Twoja aktualna wersja produktu

|                                  |    |                                          |
|----------------------------------|----|------------------------------------------|
| Cage                             | MP | Solid brass cage, rolling element guided |
| Tolerance class                  | PN | Normal (ISO 492:2023)                    |
| Dimensional / heat stabilization | S0 | Rings dimensional stabilized up to 150°  |

Main Dimensions & Performance Data

|                 |             |                                  |
|-----------------|-------------|----------------------------------|
| d               | 170 mm      | Inner diameter shaft washer      |
| D               | 240 mm      | Outer diameter housing washer    |
| T               | 58,7 mm     | Height                           |
| C <sub>a</sub>  | 285.000 N   | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 930.000 N   | Basic static load rating, axial  |
| C <sub>ua</sub> | 29.500 N    | Fatigue load limit, axial        |
| n <sub>G</sub>  | 1.740 1/min | Limiting speed                   |
| n <sub>gr</sub> | 2.230 1/min | Reference speed                  |
| m               | 7,92 kg     | Masa                             |

Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 212 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 200 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1,5 mm | Maximum filled radius                |



Dimensions

|                  |         |                                 |
|------------------|---------|---------------------------------|
| r <sub>min</sub> | 1,5 mm  | Minimum chamfer dimension       |
| D <sub>1</sub>   | 173 mm  | Inner diameter housing washer   |
| d <sub>1</sub>   | 237 mm  | Outer diameter shaft washer     |
| R                | 180 mm  | Radius spherical housing washer |
| A                | 91 mm   | Distance of the center point    |
| T <sub>1</sub>   | 65 mm   | Height with seat washer         |
| D <sub>2</sub>   | 200 mm  | Bore diameter seat washer       |
| D <sub>3</sub>   | 250 mm  | Outside diameter seat washer    |
| C                | 21,5 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 | 4,5 | Minimum load factor |
|---|-----|---------------------|

Additional information

|      |             |
|------|-------------|
| U234 | Seat washer |
|------|-------------|

Właściwości

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