



FAG

29438-E1-XL

Axial spherical roller bearing

Axial spherical roller bearing 294..-E1-XL, no flanging ring



X-life

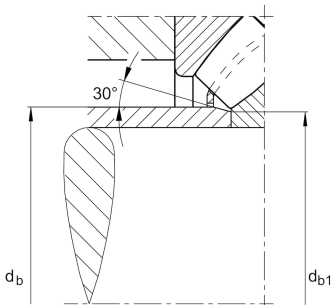
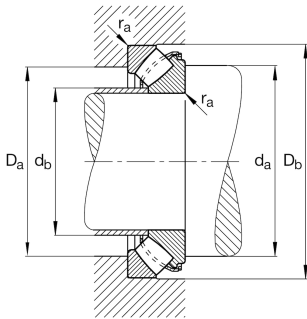
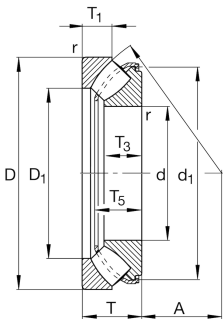
Informacje techniczne

Twoja aktualna wersja produktu

|                                             |          |                  |
|---------------------------------------------|----------|------------------|
| Heat treatment                              | Standard | Standard         |
| Locating feature, housing washer            | Without  |                  |
| Cage                                        | JP       | Sheet metal cage |
| Handling thread holes                       | Without  |                  |
| Constricted width and inclination variation | Standard |                  |
| Test certificate                            | Without  |                  |

Main Dimensions & Performance Data

|                 |             |                                  |
|-----------------|-------------|----------------------------------|
| d               | 190 mm      | Bore diameter                    |
| D               | 380 mm      | Outside diameter                 |
| T               | 115 mm      | Height                           |
| C <sub>a</sub>  | 3.100.000 N | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 8.500.000 N | Basic static load rating, axial  |
| C <sub>ua</sub> | 870.000 N   | Fatigue load limit, axial        |
| n <sub>G</sub>  | 1.750 1/min | Limiting speed                   |
| n <sub>gr</sub> | 910 1/min   | Reference speed                  |
| ≈m              | 53,88 kg    | Masa                             |





Mounting dimensions

|                     |        |                                             |
|---------------------|--------|---------------------------------------------|
| d <sub>a min</sub>  | 280 mm | Minimum diameter shaft shoulder             |
| D <sub>a max</sub>  | 322 mm | Maximum diameter of housing shoulder        |
| D <sub>b min</sub>  | 386 mm | Minimum bore diameter housing               |
| d <sub>b max</sub>  | 223 mm | Maximum distance sleeve                     |
| d <sub>b1 max</sub> | 209 mm | Maximum chamfer diameter of distance sleeve |
| r <sub>a max</sub>  | 4 mm   | Maximum recess radius                       |
|                     | 30 °   | Angle of chamfer of the distance sleeve     |

Dimensions

|                  |          |                              |
|------------------|----------|------------------------------|
| D <sub>1</sub>   | 264,5 mm | Bore diameter housing washer |
| d <sub>1</sub>   | 340 mm   | Rip diameter shaft washer    |
| r <sub>min</sub> | 5 mm     | Minimum chamfer dimension    |
| T <sub>1</sub>   | 55,5 mm  | Height of the housing washer |
| T <sub>3</sub>   | 73 mm    | Height of the shaft washer   |
| T <sub>5</sub>   | 100,9 mm | Distance shaft washer - cage |
| A                | 117 mm   | Distance of the center point |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 200 °C | Operating temperature max. |



## Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



łożysko gabarytowe



Nieosiowość statyczna



Nieosiowość dynamiczna