



FAG

**29456-E1-XL-N1** 

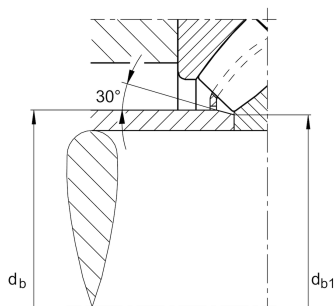
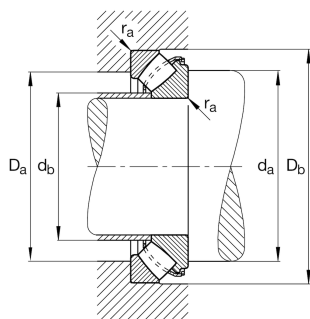
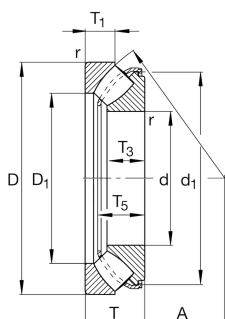
Axial spherical roller bearing

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            | N1       | Locating feature, housing washer |
| Cage                                        | JP       | Sheet metal cage                 |
| Handling thread holes                       | Without  |                                  |
| Constricted width and inclination variation | Standard |                                  |
| Test certificate                            | Without  |                                  |

## Main Dimensions &amp; Performance Data

|                 |              |                                  |
|-----------------|--------------|----------------------------------|
| d               | 280 mm       | Bore diameter                    |
| D               | 520 mm       | Outside diameter                 |
| T               | 145 mm       | Height                           |
| C <sub>a</sub>  | 5.200.000 N  | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 15.800.000 N | Basic static load rating, axial  |
| C <sub>ua</sub> | 1.500.000 N  | Fatigue load limit, axial        |
| n <sub>G</sub>  | 1.230 1/min  | Limiting speed                   |
| n <sub>gr</sub> | 600 1/min    | Reference speed                  |
| ≈m              | 124,44 kg    | Masa                             |



Mounting dimensions

|                     |        |                                             |
|---------------------|--------|---------------------------------------------|
| d <sub>a</sub> min  | 395 mm | Minimum diameter shaft shoulder             |
| D <sub>a</sub> max  | 446 mm | Maximum diameter of housing shoulder        |
| D <sub>b</sub> min  | 530 mm | Minimum bore diameter housing               |
| d <sub>b</sub> max  | 320 mm | Maximum distance sleeve                     |
| d <sub>b1</sub> max | 302 mm | Maximum chamfer diameter of distance sleeve |
| r <sub>a</sub> max  | 5 mm   | Maximum recess radius                       |
|                     | 30 °   | Angle of chamfer of the distance sleeve     |

Dimensions

|                  |          |                              |
|------------------|----------|------------------------------|
| D <sub>1</sub>   | 372 mm   | Bore diameter housing washer |
| d <sub>1</sub>   | 473,1 mm | Rip diameter shaft washer    |
| r <sub>min</sub> | 6 mm     | Minimum chamfer dimension    |
| T <sub>1</sub>   | 70 mm    | Height of the housing washer |
| T <sub>3</sub>   | 95 mm    | Height of the shaft washer   |
| T <sub>5</sub>   | 130,5 mm | Distance shaft washer - cage |
| A                | 166 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