

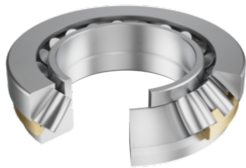


FAG

29492-E1-XL-MB

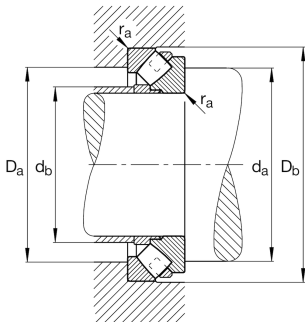
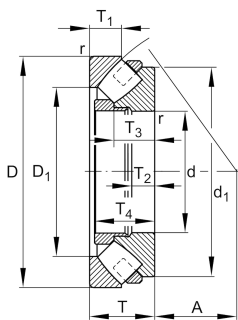
Axial spherical roller bearing

Axial spherical roller bearing 294...E1-XL-MB,  
with flanging ring



X-life

Informacje techniczne



Twoja aktualna wersja produktu

|                                             |          |                  |
|---------------------------------------------|----------|------------------|
| Heat treatment                              | Standard | Standard         |
| Cage                                        | MB       | Solid brass cage |
| Locating feature, housing washer            | Without  |                  |
| Handling thread holes                       | Without  |                  |
| Constricted width and inclination variation | Standard |                  |
| Test certificate                            | Without  |                  |

Main Dimensions & Performance Data

|                 |              |                                  |
|-----------------|--------------|----------------------------------|
| d               | 460 mm       | Bore diameter                    |
| D               | 800 mm       | Outside diameter                 |
| T               | 206 mm       | Section height                   |
| C <sub>a</sub>  | 9.800.000 N  | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 33.500.000 N | Basic static load rating, axial  |
| C <sub>ua</sub> | 3.000.000 N  | Fatigue load limit, axial        |
| n <sub>G</sub>  | 760 1/min    | Limiting speed                   |
| n <sub>gr</sub> | 365 1/min    | Reference speed                  |
| ≈m              | 424,5 kg     | Masa                             |



Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 630 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 704 mm | Maximum diameter of housing shoulder |
| D <sub>b min</sub> | 815 mm | Minimum bore diameter housing        |
| d <sub>b max</sub> | 497 mm | Maximum distance sleeve              |
| r <sub>a max</sub> | 8 mm   | Maximum recess radius                |

Dimensions

|                  |          |                                       |
|------------------|----------|---------------------------------------|
| D <sub>1</sub>   | 596 mm   | Bore diameter housing washer          |
| d <sub>1</sub>   | 735 mm   | Rip diameter shaft washer             |
| r <sub>min</sub> | 9,5 mm   | Minimum chamfer dimension             |
| T <sub>1</sub>   | 101,5 mm | Height of the housing washer          |
| T <sub>2</sub>   | 77 mm    | Height of shaft washer                |
| T <sub>3</sub>   | 135 mm   | Height of the shaft washer            |
| T <sub>4</sub>   | 199 mm   | Height of shaft washer, inc. lip ring |
| A                | 268 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