



FAG

29472-E1-XL-N1-MB

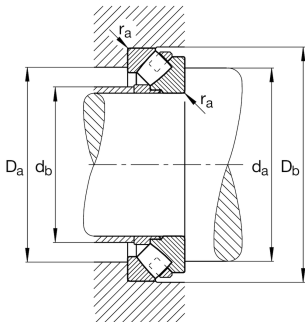
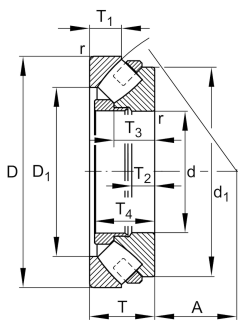
Axial spherical roller bearing

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            | N1       | Locating feature, housing washer |
| Handling thread holes                       | Without  |                                  |
| Constricted width and inclination variation | Standard |                                  |
| Test certificate                            | Without  |                                  |

Main Dimensions & Performance Data

|                 |              |                                  |
|-----------------|--------------|----------------------------------|
| d               | 360 mm       | Bore diameter                    |
| D               | 640 mm       | Outside diameter                 |
| T               | 170 mm       | Section height                   |
| C <sub>a</sub>  | 6.800.000 N  | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 21.900.000 N | Basic static load rating, axial  |
| C <sub>ua</sub> | 2.060.000 N  | Fatigue load limit, axial        |
| n <sub>G</sub>  | 970 1/min    | Limiting speed                   |
| n <sub>gr</sub> | 470 1/min    | Reference speed                  |
| ≈m              | 230,12 kg    | Masa                             |



Mounting dimensions

|         |        |                                      |
|---------|--------|--------------------------------------|
| d a min | 500 mm | Minimum diameter shaft shoulder      |
| D a max | 560 mm | Maximum diameter of housing shoulder |
| D b min | 650 mm | Minimum bore diameter housing        |
| d b max | 388 mm | Maximum distance sleeve              |
| r a max | 6 mm   | Maximum recess radius                |

Dimensions

|       |         |                                       |
|-------|---------|---------------------------------------|
| D 1   | 474 mm  | Bore diameter housing washer          |
| d 1   | 585 mm  | Rip diameter shaft washer             |
| r min | 7,5 mm  | Minimum chamfer dimension             |
| T 1   | 83,5 mm | Height of the housing washer          |
| T 2   | 63 mm   | Height of shaft washer                |
| T 3   | 110 mm  | Height of the shaft washer            |
| T 4   | 164 mm  | Height of shaft washer, inc. lip ring |
| A     | 210 mm  | Distance of the center point          |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 200 °C | Operating temperature max. |



## Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



łożysko gabarytowe



Nieosiowość statyczna



Nieosiowość dynamiczna