



FAG

29332-E1-XL

Axial spherical roller bearing

Axial spherical roller bearing 293..-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               | 160 mm      | Bore diameter                    |
| D               | 270 mm      | Outside diameter                 |
| T               | 67 mm       | Height                           |
| C <sub>a</sub>  | 1.220.000 N | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 3.550.000 N | Basic static load rating, axial  |
| C <sub>ua</sub> | 445.000 N   | Fatigue load limit, axial        |
| n <sub>G</sub>  | 2.500 1/min | Limiting speed                   |
| n <sub>gr</sub> | 1.320 1/min | Reference speed                  |
| ≈m              | 13,7 kg     | Masa                             |



### Mounting dimensions

|               |        |                                             |
|---------------|--------|---------------------------------------------|
| $d_{a \min}$  | 215 mm | Minimum diameter shaft shoulder             |
| $D_{a \max}$  | 236 mm | Maximum diameter of housing shoulder        |
| $D_{b \min}$  | 274 mm | Minimum bore diameter housing               |
| $d_{b \max}$  | 176 mm | Maximum distance sleeve                     |
| $d_{b1 \max}$ | 170 mm | Maximum chamfer diameter of distance sleeve |
| $r_{a \max}$  | 2,5 mm | Maximum recess radius                       |
|               | 30 °   | Angle of chamfer of the distance sleeve     |

### Dimensions

|            |         |                              |
|------------|---------|------------------------------|
| $D_1$      | 203 mm  | Bore diameter housing washer |
| $d_1$      | 248 mm  | Rip diameter shaft washer    |
| $r_{\min}$ | 3 mm    | Minimum chamfer dimension    |
| $T_1$      | 33 mm   | Height of the housing washer |
| $T_3$      | 42 mm   | Height of the shaft washer   |
| $T_5$      | 59,5 mm | Distance shaft washer - cage |
| A          | 92 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
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna