



FAG

29324-E1-XL

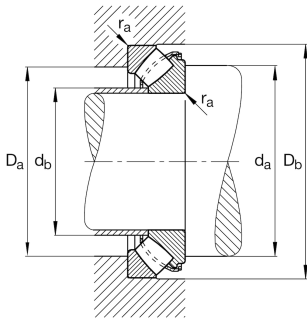
Axial spherical roller bearing

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               | 120 mm      | Bore diameter                    |
| D               | 210 mm      | Outside diameter                 |
| T               | 54 mm       | Height                           |
| C <sub>a</sub>  | 800.000 N   | Basic dynamic load rating, axial |
| C <sub>0a</sub> | 2.210.000 N | Basic static load rating, axial  |
| C <sub>ua</sub> | 290.000 N   | Fatigue load limit, axial        |
| n <sub>G</sub>  | 3.350 1/min | Limiting speed                   |
| n <sub>gr</sub> | 1.700 1/min | Reference speed                  |
| ≈m              | 7 kg        | Masa                             |



Mounting dimensions

|              |        |                                      |
|--------------|--------|--------------------------------------|
| $d_{a\ min}$ | 165 mm | Minimum diameter shaft shoulder      |
| $D_{a\ max}$ | 182 mm | Maximum diameter of housing shoulder |
| $D_{b\ min}$ | 213 mm | Minimum bore diameter housing        |
| $d_{b\ max}$ | 129 mm | Maximum distance sleeve              |
| $r_{a\ max}$ | 2,1 mm | Maximum recess radius                |

Dimensions

|           |          |                              |
|-----------|----------|------------------------------|
| $D_1$     | 154 mm   | Bore diameter housing washer |
| $d_1$     | 192,6 mm | Rip diameter shaft washer    |
| $r_{min}$ | 2,1 mm   | Minimum chamfer dimension    |
| $T_1$     | 27 mm    | Height of the housing washer |
| $T_3$     | 34 mm    | Height of the shaft washer   |
| $T_5$     | 48 mm    | Distance shaft washer - cage |
| $A$       | 70 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            |