

FAG

29320-E1-XL

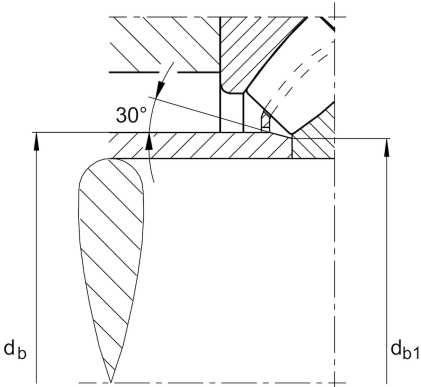
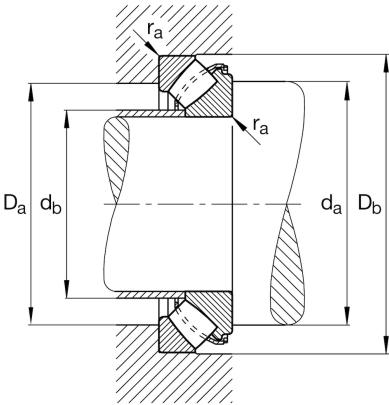
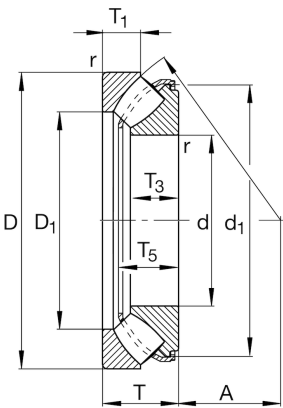
Axial spherical roller bearing

Schaeffler ID:  
0389997300000

Axial spherical roller bearing 293..-E1-XL,  
no flanging ring

X-life

Technical information



Main Dimensions & Performance Data

|                 |               |                                  |
|-----------------|---------------|----------------------------------|
| d               | [100] mm      | Bore diameter                    |
| D               | [170] mm      | Outside diameter                 |
| T               | [42] mm       | Height                           |
| C <sub>a</sub>  | [495,000] N   | Basic dynamic load rating, axial |
| C <sub>0a</sub> | [1,340,000] N | Basic static load rating, axial  |
| C <sub>ua</sub> | [194,000] N   | Fatigue load limit, axial        |
| n <sub>G</sub>  | [4,200] 1/min | Limiting speed                   |
| n <sub>gr</sub> | [1,960] 1/min | Reference speed                  |
|                 | [3.496] kg    | Weight                           |

Mounting dimensions

|                    |          |                                      |
|--------------------|----------|--------------------------------------|
| d <sub>a min</sub> | [135] mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | [148] mm | Maximum diameter of housing shoulder |
| D <sub>b min</sub> | [173] mm | Minimum bore diameter housing        |
| d <sub>b max</sub> | [107] mm | Maximum distance sleeve              |
| r <sub>a max</sub> | [1.5] mm | Maximum recess radius                |

Dimensions

|                  |            |                              |
|------------------|------------|------------------------------|
| D <sub>1</sub>   | [127.5] mm | Bore diameter housing washer |
| d <sub>1</sub>   | [156] mm   | Rip diameter shaft washer    |
| r <sub>min</sub> | [1.5] mm   | Minimum chamfer dimension    |
| T <sub>1</sub>   | [20.5] mm  | Height of the housing washer |
| T <sub>3</sub>   | [26.2] mm  | Height of the shaft washer   |
| T <sub>5</sub>   | [37.5] mm  | Distance shaft washer - cage |
| A                | [58] 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. |