

FAG

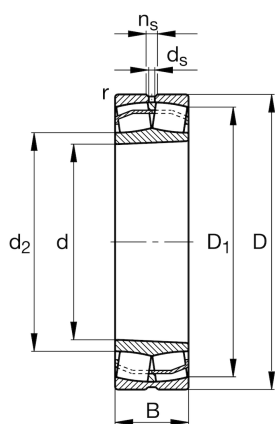
**22332-BE-XL-K-JPA-T41A**

Spherical roller bearing

Schaeffler ID:  
0659682390000Spherical roller bearings 223...-E1-K-T41A,  
For oscillating load with restricted diameter  
tolerances, with tapered bore

X-life

## Technical information



## Main Dimensions &amp; Performance Data

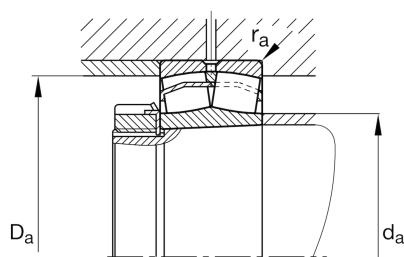
|          |             |                                   |
|----------|-------------|-----------------------------------|
| d        | 160 mm      | Bore diameter                     |
| D        | 340 mm      | Outside diameter                  |
| B        | 114 mm      | Width                             |
| $C_r$    | 1.680.000 N | Basic dynamic load rating, radial |
| $C_{0r}$ | 1.990.000 N | Basic static load rating, radial  |
| $C_{ur}$ | 162.000 N   | Fatigue load limit, radial        |
| $n_G$    | 2.250 1/min | Limiting speed                    |
| $n_{gr}$ | 1.420 1/min | Reference speed                   |
|          | 49 kg       | Weight                            |

## Additional information

|           |          |                                    |
|-----------|----------|------------------------------------|
|           | H2332    | Adapter sleeve                     |
| $r_{min}$ | 4 mm     | Minimum chamfer dimension          |
| $D_1$     | 286,7 mm | Bore diameter outer ring           |
|           | AH2332G  | Withdrawal sleeve                  |
| $d_2$     | 201,2 mm | Raceway diameter of the inner ring |
| $d_s$     | 9,5 mm   | Diameter lubrication hole          |
| $n_s$     | 17,7 mm  | Width of lubricating groove        |

## Mounting dimensions

|             |        |                                       |
|-------------|--------|---------------------------------------|
| $d_{a min}$ | 177 mm | Minimum diameter shaft shoulder       |
| $d_{a max}$ | 191 mm | Maximum diameter of shaft shoulder    |
| $D_{a max}$ | 323 mm | Maximum diameter of housing shoulder  |
| $r_{a max}$ | 3 mm   | Maximum recess radius                 |
| $d_{b min}$ | 174 mm | Minimum cavity diameter of the sleeve |
| $B_{a min}$ | 8 mm   | Minimum cavity width of the sleeve    |



**Calculation factors**

|                |      |  |
|----------------|------|--|
| e              | 0,35 | Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y |
| Y <sub>1</sub> | 1,94 | Dynamic axial load factor  |
| Y <sub>2</sub> | 2,88 | Dynamic axial load factor  |
| Y <sub>0</sub> | 1,89 | Static axial load factor   |

**Temperature range**

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 200 °C | Operating temperature max. |