



FAG

X-life

**22336-BE-XL-JPA-T41A** [🔗](#)

## Spherical Roller Bearing

Spherical roller bearings 223...-E1-T41A,  
For oscillating load with restricted diameter  
tolerances

## Informacje techniczne



## Twoja aktualna wersja produktu

|                                                |              |                                   |
|------------------------------------------------|--------------|-----------------------------------|
| Design                                         | BE           | With lose center lip ring         |
| Bore type                                      | Z            | Cylindrical                       |
| Cage                                           | JPA          | Sheet metal cage                  |
| Radial internal clearance                      | C4 (Group 4) | Internal clearance larger than C3 |
| Relubrication                                  | Standard     |                                   |
| Spherical roller bearing for vibrating screens | T41A         | For vibrating screens             |

## Main Dimensions &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 180 mm      | Bore diameter                     |
| D               | 380 mm      | Outside diameter                  |
| B               | 126 mm      | Width                             |
| C <sub>r</sub>  | 2.060.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 2.460.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 195.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.030 1/min | Limiting speed                    |
| n <sub>gr</sub> | 1.230 1/min | Reference speed                   |
| ≈m              | 72 kg       | Masa                              |



Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 197 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 363 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 3 mm   | Maximum recess radius                |

Dimensions

|                  |          |                                    |
|------------------|----------|------------------------------------|
| r <sub>min</sub> | 4 mm     | Minimum chamfer dimension          |
| D <sub>1</sub>   | 320,8 mm | Bore diameter outer ring           |
| d <sub>2</sub>   | 224,9 mm | Raceway diameter of the inner ring |
| d <sub>s</sub>   | 12,5 mm  | Diameter lubrication hole          |
| n <sub>s</sub>   | 23,5 mm  | Width of lubricating groove        |

Temperature range

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

Calculation factors

|                |      |                                                                                  |
|----------------|------|----------------------------------------------------------------------------------|
| e              | 0,34 | Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y |
| Y <sub>1</sub> | 1,96 | Dynamic axial load factor                                                        |
| Y <sub>2</sub> | 2,92 | Dynamic axial load factor                                                        |
| Y <sub>0</sub> | 1,92 | Static axial load factor                                                         |



### Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Łożysko gabarytowe
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna