



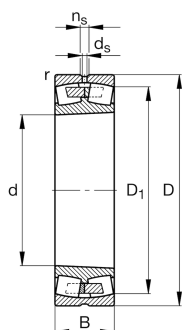
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**23332-BEA-XL-MA1-T41A**

Spherical Roller Bearing

X-life

## Informacje techniczne



## Twoja aktualna wersja produktu

|                                                |              |                           |
|------------------------------------------------|--------------|---------------------------|
| Design                                         | BEA          | With lose center lip ring |
| Bore type                                      | Z            | Cylindrical               |
| Cage                                           | MA1          | Solid brass cage          |
| Radial internal clearance                      | CN (Group N) | Normal internal clearance |
| Relubrication                                  | Standard     |                           |
| Locating feature, bearing outer ring           | Without      |                           |
| Handling thread holes                          | Without      |                           |
| Special material                               | Standard     |                           |
| Spherical roller bearing for vibrating screens | T41A         | For vibrating screens     |

## Main Dimensions &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 160 mm      | Bore diameter                     |
| D               | 340 mm      | Outside diameter                  |
| B               | 136 mm      | Width                             |
| C <sub>r</sub>  | 2.000.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 2.370.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 186.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.010 1/min | Limiting speed                    |
| ≈m              | 60,4 kg     | Masa                              |



### Mounting dimensions

|              |        |                                 |
|--------------|--------|---------------------------------|
| $d_{a\ min}$ | 192 mm | Minimum diameter shaft shoulder |
| $D_{a\ max}$ | 323 mm |                                 |
| $r_{a\ max}$ | 3 mm   | Maximum recess radius           |

### Dimensions

|            |          |                             |
|------------|----------|-----------------------------|
| $r_{\min}$ | 4 mm     | Minimum chamfer dimension   |
| $D_1$      | 280,8 mm | Bore diameter outer ring    |
| $d_s$      | 9,5 mm   | Diameter lubrication hole   |
| $n_s$      | 17,7 mm  | Width of lubricating groove |

### Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 200 °C | Operating temperature max. |

### Calculation factors

|       |      |                           |
|-------|------|---------------------------|
| $e$   | 0,42 |                           |
| $Y_1$ | 1,6  | Dynamic axial load factor |
| $Y_2$ | 2,38 | Dynamic axial load factor |
| $Y_0$ | 1,56 | 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