



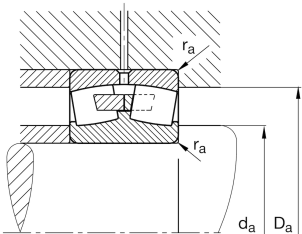
FAG

23332-A-MA-T41A

Spherical Roller Bearing

Spherical roller bearing 233...-A-MA-T41A, symmetric 3 ribs

Informacje techniczne



Twoja aktualna wersja produktu

|                                                |              |                                   |
|------------------------------------------------|--------------|-----------------------------------|
| Design                                         | A            | With fixed central rib            |
| Bore type                                      | Z            | Cylindrical                       |
| Cage                                           | MA           | Solid brass 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 & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 160 mm      | Bore diameter                     |
| D               | 340 mm      | Outside diameter                  |
| B               | 136 mm      | Width                             |
| C <sub>r</sub>  | 1.660.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 2.320.000 N | Basic static load rating, radial  |
| C <sub>ur</sub> | 152.000 N   | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.000 1/min | Limiting speed                    |
| ≈m              | 60,85 kg    | Masa                              |

Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 177 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 323 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 3 mm   | Maximum recess radius                |



Dimensions

|           |          |                             |
|-----------|----------|-----------------------------|
| $r_{min}$ | 4 mm     | Minimum chamfer dimension   |
| $D_1$     | 280,6 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

|       |      |                                                                                      |
|-------|------|--------------------------------------------------------------------------------------|
| $e$   | 0,44 | Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y |
| $Y_1$ | 1,54 | Dynamic axial load factor                                                            |
| $Y_2$ | 2,3  | Dynamic axial load factor                                                            |
| $Y_0$ | 1,51 | 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            |