



FAG

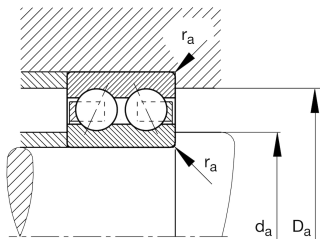
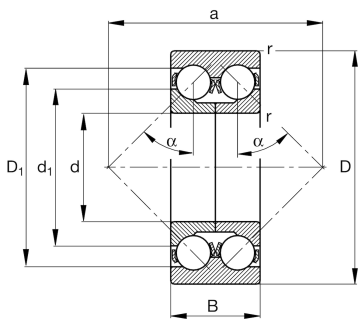


3313-DA-MA

Angular contact ball bearing

Angular contact ball bearing 33...-DA-MA,  
double row, split inner ring, solid brass cage

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |         |                                         |
|----------------------------------|---------|-----------------------------------------|
| Design variant                   | DA      | Bearing with split inner ring           |
| Sealing                          | Without | Not sealed                              |
| Cage                             | MA      | Solid brass cage, outer ring guided     |
| Tolerance class                  | PN      | Normal (ISO 492:2023)                   |
| Dimensional / heat stabilization | S0      | Rings dimensional stabilized up to 150° |
| Lubricant                        | Without | Bearing not greased                     |
| Axial internal clearance         | CN      | Group N (CN)                            |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 65 mm       | Bore diameter                     |
| D               | 140 mm      | Outside diameter                  |
| B               | 58,7 mm     | Width                             |
| C <sub>r</sub>  | 139.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 137.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 7.400 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 6.700 1/min | Limiting speed                    |
| n <sub>gr</sub> | 4.650 1/min | Reference speed                   |
| ≈m              | 4,44 kg     | Masa                              |



Mounting dimensions

|             |        |                                      |
|-------------|--------|--------------------------------------|
| $d_{a\min}$ | 77 mm  | Minimum diameter shaft shoulder      |
| $D_{a\max}$ | 128 mm | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 2,1 mm | Maximum fillet radius                |

Dimensions

|            |           |                                                   |
|------------|-----------|---------------------------------------------------|
| $r_{\min}$ | 2,1 mm    | Minimum chamfer dimension                         |
| $D_1$      | 124,06 mm | Shoulder diameter outer ring                      |
| $d_1$      | 98,36 mm  | Shoulder diameter inner ring                      |
| $a$        | 131,5 mm  | Distance between the apexes of the pressure cones |
| $\alpha$   | 45 °      | Contact angle                                     |

Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 150 °C | Operating temperature max. |

Właściwości

|                                                                                     |                                   |
|-------------------------------------------------------------------------------------|-----------------------------------|
|  | Obciążenie promieniowe            |
|  | Obciążenie osiowe jednokierunkowe |
|  | Obciążenie osiowe dwukierunkowe   |
|  | Smarowanie smarem                 |
|  | Smarowanie olejem                 |
|  | Bez uszczelnienia                 |