



FAG

7226-B-XL-MP-UL

Angular contact ball bearing

Angular contact ball bearing 72..-B-XL-MP,  
single row, X-life, solid brass cage



X-life

Informacje techniczne



Twoja aktualna wersja produktu

|                                                      |         |                                         |
|------------------------------------------------------|---------|-----------------------------------------|
| Design variant                                       | B       | B                                       |
| Sealing                                              | Without | Not sealed                              |
| Cage                                                 | MP      | Solid brass cage, ball guided           |
| Tolerance class                                      | PN      | Normal (ISO 492:2023)                   |
| Dimensional / heat stabilization                     | S0      | Rings dimensional stabilized up to 150° |
| Bearing with matched conditions for fitting in pairs | UL      | Bearing set with light preload          |
| Lubricant                                            | Without | Bearing not greased                     |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 130 mm      | Bore diameter                     |
| D               | 230 mm      | Outside diameter                  |
| B               | 40 mm       | Width                             |
| C <sub>r</sub>  | 200.000 N   | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 204.000 N   | Basic static load rating, radial  |
| C <sub>ur</sub> | 10.600 N    | Fatigue load limit, radial        |
| n <sub>G</sub>  | 4.850 1/min | Limiting speed                    |
| n <sub>gr</sub> | 3.350 1/min | Reference speed                   |
| m               | 7 kg        | Masa                              |



Mounting dimensions

|          |        |                                      |
|----------|--------|--------------------------------------|
| d a min  | 144 mm | Minimum diameter of shaft shoulder   |
| D a max  | 216 mm | Maximum diameter of housing shoulder |
| D b max  | 223 mm | Maximum diameter of housing shoulder |
| r a max  | 2,5 mm | Maximum fillet radius of shaft       |
| r a1 max | 1 mm   | Maximum fillet radius of housing     |

Dimensions

|         |           |                                                   |
|---------|-----------|---------------------------------------------------|
| r min   | 3 mm      | Minimum chamfer dimension                         |
| r 1 min | 1,1 mm    | Minimum chamfer dimension                         |
| D 1     | 191,8 mm  | Shoulder diameter on outer ring wide side face    |
| d 1     | 169,64 mm | Shoulder diameter on inner ring wide side face    |
| a       | 95,5 mm   | Distance between the apexes of the pressure cones |
| α       | 40 °      | Contact angle                                     |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -30 °C | Operating temperature min. |
| T max | 150 °C | Operating temperature max. |

Additional information

|         |        |                                                  |
|---------|--------|--------------------------------------------------|
| V max   | -12 μm | Preload per set max.                             |
| Tol (+) | 12 μm  | Tolerance for axial clearance or preload per set |

|         |         |               |
|---------|---------|---------------|
| F V max | 1.431 N | Preload force |
|---------|---------|---------------|



### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia