



FAG

7206-B-XL-2RS-TVP-UO

Angular contact ball bearing

Angular contact ball bearing 72..-B-XL-2RS-TVP, single row, X-life, seals, plastic cage



X-life

Informacje techniczne

Twoja aktualna wersja produktu

|                                                      |      |                                                         |
|------------------------------------------------------|------|---------------------------------------------------------|
| Design variant                                       | B    | B                                                       |
| Type of Seal                                         | 2RS  | Contact seal on both sides                              |
| Cage                                                 | TVP  | Solid cage made of glass-fiber reinforced polyamid PA66 |
| Tolerance class                                      | P6   | Class 6 (ISO 492:2023)                                  |
| Dimensional / heat stabilization                     | S0   | Rings dimensional stabilized up to 150°                 |
| Bearing with matched conditions for fitting in pairs | UO   | Bearing set clearance-free in O or X arrangement        |
| Lubricant                                            | GA14 | Ball bearing grease, low noise                          |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 30 mm       | Bore diameter                     |
| D               | 62 mm       | Outside diameter                  |
| B               | 16 mm       | Width                             |
| C <sub>r</sub>  | 23.100 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 14.100 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 980 N       | Fatigue load limit, radial        |
| n <sub>G</sub>  | 6.500 1/min | Limiting speed                    |
| ≈m              | 0,208 kg    | Masa                              |



Mounting dimensions

|          |         |                                      |
|----------|---------|--------------------------------------|
| d a min  | 35,6 mm | Minimum diameter of shaft shoulder   |
| D a max  | 56,4 mm | Maximum diameter of housing shoulder |
| D b max  | 57,8 mm | Maximum diameter of housing shoulder |
| r a max  | 1 mm    | Maximum fillet radius of shaft       |
| r a1 max | 0,6 mm  | Maximum fillet radius of housing     |

Dimensions

|         |          |                                                   |
|---------|----------|---------------------------------------------------|
| r min   | 1 mm     | Minimum chamfer dimension                         |
| r 1 min | 0,6 mm   | Minimum chamfer dimension                         |
| D 1     | 49,52 mm | Shoulder diameter on outer ring wide side face    |
| D 2     | 51,65 mm | Caliber diameter on outer ring wide side face     |
| D 3     | 57,07 mm | Caliber diameter on outer ring small side face    |
| d 1     | 43,2 mm  | Shoulder diameter on inner ring wide side face    |
| d 2     | 39,49 mm | Caliber diameter on inner ring wide side face     |
| a       | 27,3 mm  | Distance between the apexes of the pressure cones |
| α       | 40 °     | Contact angle                                     |

Temperature range

|       |        |                            |
|-------|--------|----------------------------|
| T min | -20 °C | Operating temperature min. |
| T max | 100 °C | Operating temperature max. |

Additional information

|         |      |                                                  |
|---------|------|--------------------------------------------------|
| Tol (+) | 8 μm | Tolerance for axial clearance or preload per set |
| A min   | 0 mm | Axial clearance per set min.                     |



### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie dożywotnie, bezobsługowe



Smarowanie smarem



Uszczelnienie dwustronne