



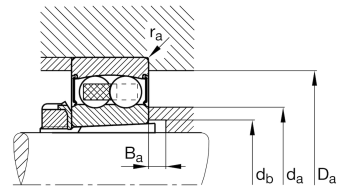
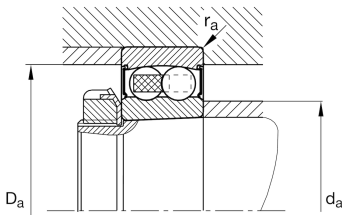
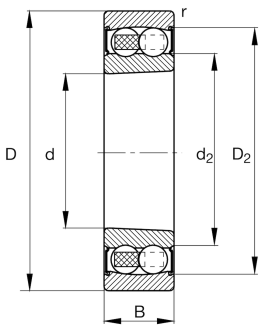
FAG

2206-K-2RS-TVH-C3

Self-aligning ball bearing

Self-aligning ball bearing 22..-K-2RS-TVH, tapered bore taper 1:12, seals, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

|                           |              |                                                          |
|---------------------------|--------------|----------------------------------------------------------|
| Bore type                 | K            | Tapered, taper 1:12                                      |
| Sealing                   | 2RS          | Contact seal on both sides                               |
| Cage                      | TVH          | Solid cage made of glass-fiber reinforced polyamide PA66 |
| Tolerance class           | PN           | Normal (ISO 492:2023)                                    |
| Radial internal clearance | C3 (Group 3) | Internal clearance larger than CN                        |
| Lubricant                 | GA14         | Ball bearing grease, low noise                           |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 30 mm       | Bore diameter                     |
| D               | 62 mm       | Outside diameter                  |
| B               | 20 mm       | Width                             |
| C <sub>r</sub>  | 15.900 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 4.650 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 295 N       | Fatigue load limit, radial        |
| n <sub>G</sub>  | 7.100 1/min | Limiting speed                    |
| ≈m              | 0,26 kg     | Masa                              |



Mounting dimensions

|                    |         |                                       |
|--------------------|---------|---------------------------------------|
| d <sub>a min</sub> | 35,6 mm | Minimum diameter shaft shoulder       |
| d <sub>a max</sub> | 38 mm   | Maximum diameter shaft shoulder       |
| D <sub>a max</sub> | 56,4 mm | Maximum diameter of housing shoulder  |
| d <sub>b min</sub> | 33 mm   | Minimum cavity diameter of the sleeve |
| B <sub>a min</sub> | 5 mm    | Minimum cavity width of the sleeve    |
| r <sub>a max</sub> | 1 mm    | Maximum fillet radius                 |

Dimensions

|                  |          |                              |
|------------------|----------|------------------------------|
| r <sub>min</sub> | 1 mm     | Minimum chamfer dimension    |
| D <sub>1</sub>   | 51,56 mm | Shoulder diameter outer ring |
| D <sub>2</sub>   | 53,33 mm | Caliber diameter outer ring  |
| d <sub>1</sub>   | 39,55 mm | Shoulder diameter inner ring |
| d <sub>2</sub>   | 37,3 mm  | Caliber diameter inner ring  |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -20 °C | Operating temperature min. |
| T <sub>max</sub> | 100 °C | Operating temperature max. |

Calculation factors

|                |      |                                                                                  |
|----------------|------|----------------------------------------------------------------------------------|
| e              | 0,25 | Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y |
| Y <sub>1</sub> | 2,54 | Dynamic axial load factor                                                        |
| Y <sub>2</sub> | 3,93 | Dynamic axial load factor                                                        |
| Y <sub>0</sub> | 2,66 | Static axial load factor                                                         |

Additional information

|      |                |
|------|----------------|
| H306 | Adapter sleeve |
|------|----------------|



## Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna