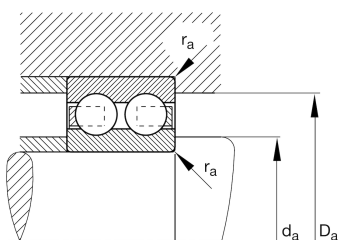
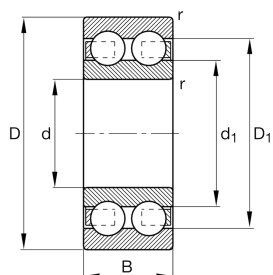
**FAG****4312-B-TVH** 

Deep groove ball bearing

Deep groove ball bearing 43...-B-TVH, double row, plastic cage

## Informacje techniczne



## Twoja aktualna wersja produktu

|                                  |                    |                                                         |
|----------------------------------|--------------------|---------------------------------------------------------|
| Design variant                   | B                  | Bearing without filling slot                            |
| Tolerance class                  | PN                 | Normal (ISO 492:2023)                                   |
| Cage                             | TVH                | Solid cage made of glass-fiber reinforced polyamid PA66 |
| Lubricant                        | Lubricating grease |                                                         |
| Dimensional / heat stabilization | S0                 | Rings dimensional stabilized up to 150°                 |
| Radial internal clearance        | CN (Group N)       | Normal internal clearance                               |

## Main Dimensions &amp; Performance Data

|             |             |                                   |
|-------------|-------------|-----------------------------------|
| d           | 60 mm       | Bore diameter                     |
| D           | 130 mm      | Outside diameter                  |
| B           | 46 mm       | Width                             |
| $C_r$       | 128.000 N   | Basic dynamic load rating, radial |
| $C_{0r}$    | 106.000 N   | Basic static load rating, radial  |
| $C_{ur}$    | 6.400 N     | Fatigue load limit, radial        |
| $n_G$       | 4.650 1/min | Limiting speed                    |
| $n_{gr}$    | 4.350 1/min | Reference speed                   |
| $\approx m$ | 2,559 kg    | Masa                              |

## Mounting dimensions

|              |        |                                      |
|--------------|--------|--------------------------------------|
| $d_{a \min}$ | 72 mm  | Minimum diameter shaft shoulder      |
| $D_{a \max}$ | 118 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 2,1 mm | Maximum fillet radius                |



Dimensions

|                  |           |                              |
|------------------|-----------|------------------------------|
| r <sub>min</sub> | 2,1 mm    | Minimum chamfer dimension    |
| D <sub>1</sub>   | 113,84 mm | Shoulder diameter outer ring |
| d <sub>1</sub>   | 87,65 mm  | Shoulder diameter inner ring |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -20 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |

Calculation factors

|                |      |                    |
|----------------|------|--------------------|
| f <sub>0</sub> | 13,8 | Calculation factor |
|----------------|------|--------------------|

Właściwości

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