



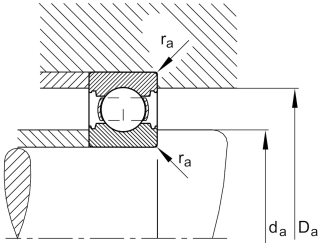
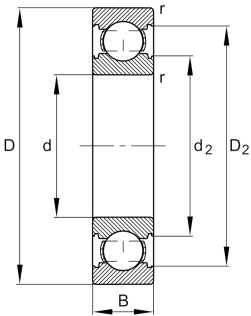
FAG

6204-C-TVH-H97E-C3>V

Deep groove ball bearing

Deep groove ball bearing 62...-C-TVH, single row, Generation C, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

|                                  |              |                                                         |
|----------------------------------|--------------|---------------------------------------------------------|
| Version code                     | >V           | Not marked on bearing                                   |
| Changed internal design          | C            | GenerationC                                             |
| Sealing                          | Without      | Not sealed                                              |
| Cage                             | TVH          | Solid cage made of glass-fiber reinforced polyamid PA66 |
| Tolerance class                  | P6           | Class 6 (ISO 492:2023)                                  |
| Dimensional / heat stabilization | SN           | Rings dimensional stabilized up to 120°                 |
| Lubricant                        | Without      | Bearing not greased                                     |
| Radial internal clearance        | C3 (Group 3) | Internal clearance larger than CN                       |
| Bore type                        | Z            | Cylindrical                                             |

Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 20 mm        | Bore diameter                     |
| D               | 47 mm        | Outside diameter                  |
| B               | 14 mm        | Width                             |
| C <sub>r</sub>  | 14.700 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 6.600 N      | Basic static load rating, radial  |
| C <sub>ur</sub> | 455 N        | Fatigue load limit, radial        |
| n <sub>G</sub>  | 24.300 1/min | Limiting speed                    |
| n <sub>gr</sub> | 18.100 1/min | Reference speed                   |
| ≈m              | 0,093 kg     | Masa                              |



Mounting dimensions

|              |         |                                      |
|--------------|---------|--------------------------------------|
| $d_{a\ min}$ | 25,6 mm | Minimum diameter shaft shoulder      |
| $D_{a\ max}$ | 41,4 mm | Maximum diameter of housing shoulder |
| $r_{a\ max}$ | 1 mm    | Maximum fillet radius                |

Dimensions

|             |          |                              |
|-------------|----------|------------------------------|
| $r_{\ min}$ | 1 mm     | Minimum chamfer dimension    |
| $D_1$       | 39,06 mm | Shoulder diameter outer ring |
| $D_2$       | 41 mm    | Caliber diameter outer ring  |
| $d_1$       | 27,94 mm | Shoulder diameter inner ring |
| $d_2$       | 26,77 mm | Caliber diameter inner ring  |

Temperature range

|             |        |                            |
|-------------|--------|----------------------------|
| $T_{\ min}$ | -30 °C | Operating temperature min. |
| $T_{\ max}$ | 120 °C | Operating temperature max. |

Calculation factors

|       |      |                    |
|-------|------|--------------------|
| $f_0$ | 13,1 | Calculation factor |
|-------|------|--------------------|

Właściwości

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