

**FAG****3215-B-2RSR-TVH-C3** [🔗](#)

Angular contact ball bearing

Angular contact ball bearing 32...-B-2RSR-TVH, double row, seals, plastic cage

## Informacje techniczne



## Twoja aktualna wersja produktu

|                                  |      |                                                          |
|----------------------------------|------|----------------------------------------------------------|
| Design variant                   | B    | Bearing without filling slot                             |
| Sealing                          | 2RSR | Contact seal on both sides                               |
| Cage                             | TVH  | Solid cage made of glass-fiber reinforced polyamide PA66 |
| Tolerance class                  | PN   | Normal (ISO 492:2023)                                    |
| Dimensional / heat stabilization | S0   | Rings dimensional stabilized up to 150°                  |
| Lubricant                        | GA13 | Ball bearing and insert bearing grease                   |
| Axial internal clearance         | C3   | Group 3 (C3), bigger than CN                             |

## Main Dimensions &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 75 mm       | Bore diameter                     |
| D               | 130 mm      | Outside diameter                  |
| B               | 41,3 mm     | Width                             |
| C <sub>r</sub>  | 88.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 85.000 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 4.350 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 2.900 1/min | Limiting speed                    |
| ≈m              | 1,94 kg     | Masa                              |



### Mounting dimensions

|              |        |                                      |
|--------------|--------|--------------------------------------|
| $d_{a \min}$ | 84 mm  | Minimum diameter shaft shoulder      |
| $D_{a \max}$ | 121 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 1,5 mm | Maximum fillet radius                |

### Dimensions

|            |          |                                                   |
|------------|----------|---------------------------------------------------|
| $r_{\min}$ | 1,5 mm   | Minimum chamfer dimension                         |
| $D_1$      | 112,6 mm | Shoulder diameter outer ring                      |
| $D_2$      | 115,5 mm | Caliber diameter outer ring                       |
| $d_1$      | 92,1 mm  | Shoulder diameter inner ring                      |
| $a$        | 65,2 mm  | Distance between the apexes of the pressure cones |
| $\alpha$   | 25 °     | Contact angle                                     |

### Temperature range

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -20 °C | Operating temperature min. |
| $T_{\max}$ | 100 °C | Operating temperature max. |

### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie dożywotnie, bezobsługowe



Smarowanie smarem



Uszczelnienie dwustronne