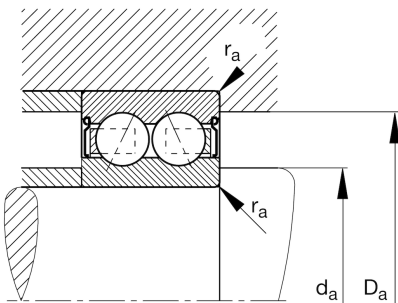
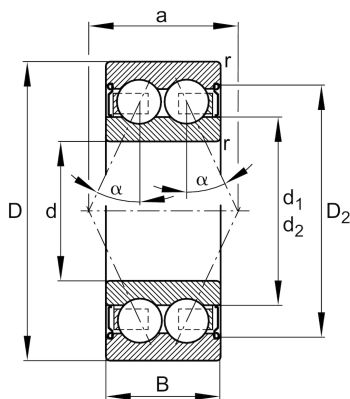


**FAG****3215-B-2Z-TVH**

Angular contact ball bearing

Angular contact ball bearing 32..-B-2Z-TVH,  
double row, shields, plastic cage

## Technical information



## 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>  | 3.900 1/min | Limiting speed                    |
| n <sub>gr</sub> | 5.300 1/min | Reference speed                   |
| ≈m              | 1,85 kg     | Weight                            |

## Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 84 mm  | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 121 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1,5 mm | Maximum fillet radius                |

## Dimensions

|                  |          |                                                   |
|------------------|----------|---------------------------------------------------|
| r <sub>min</sub> | 1,5 mm   | Minimum chamfer dimension                         |
| D <sub>1</sub>   | 112,6 mm | Shoulder diameter outer ring                      |
| D <sub>2</sub>   | 115,5 mm | Caliber diameter outer ring                       |
| d <sub>1</sub>   | 92,1 mm  | Shoulder diameter inner ring                      |
| a                | 65,2 mm  | Distance between the apexes of the pressure cones |
| α                | 25 °     | Contact angle                                     |

## Temperature range

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