

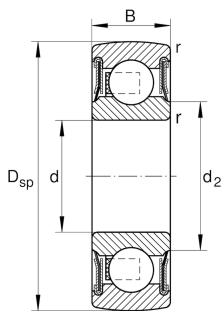
IMAGE  
COMING SOON**205-XL-NPP-B**

Self-aligning deep groove ball bearings

Self-aligning deep groove ball bearings 2...-  
NPP-B, spherical outer ring, inner ring for fit,  
R seals on both sides

X-life

## Technical information



## Your current product variant

|                        |     |           |
|------------------------|-----|-----------|
| Sealing                | NPP |           |
| Shape of outer surface | B   | Spherical |

## Main Dimensions &amp; Performance Data

|                 |          |                                   |
|-----------------|----------|-----------------------------------|
| d               | 25 mm    | Bore diameter                     |
| D <sub>SP</sub> | 52 mm    | Outside diameter                  |
| B               | 15 mm    | Width                             |
| C <sub>r</sub>  | 14.900 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 7.800 N  | Basic static load rating, radial  |
| ≈m              | 0,119 kg | Weight                            |

## Dimensions

|                  |         |                                 |
|------------------|---------|---------------------------------|
| d <sub>2</sub>   | 30,3 mm | Rib diameter sealing inner ring |
| r <sub>min</sub> | 1 mm    | Minimum chamfer dimension       |

## Temperature range

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

## Calculation factors

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



## Characteristics

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Radial load



Axial load in one direction



Axial load in two directions



Lifetime lubrication, freedom from maintenance



Grease Lubrication



Sealed on both sides



Static angular error and misalignment