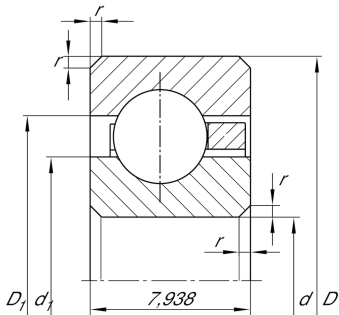


**CSCB042**

## Deep groove ball bearing

Deep groove ball bearing, Thin section bearing CSCB, brass sheet metal cage

## Technical information



## Your current product variant

|                                  |         |   |
|----------------------------------|---------|---|
| Logistical code                  | HLE     | -                                       |
| Sealing                          | Without | Not sealed                              |
| Cage                             | YH      | Brass sheet metal                       |
| Dimensional / heat stabilization | SN      | Rings dimensional stabilized up to 120° |
| Tolerance class                  | PL1     | Class PL1, Normal                       |
| Radial internal clearance        | PL1     | Class PL1, Normal                       |
| Lubricant                        | Without | Bearing not greased                     |

## Main Dimensions &amp; Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 107,95 mm   | Bore diameter                     |
| D               | 123,825 mm  | Outside diameter                  |
| B               | 7,938 mm    | Width                             |
| C <sub>r</sub>  | 6.200 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 7.300 N     | Basic static load rating, radial  |
| n <sub>G</sub>  | 5.000 1/min | Limiting speed                    |
| ≈m              | 140 g       | Weight                            |



### Dimensions

|            |          |                              |
|------------|----------|------------------------------|
| $r_{\min}$ | 1 mm     | Minimum chamfer dimension    |
| $d_1$      | 113,8 mm | Shoulder diameter inner ring |
| $D_1$      | 117,9 mm | Shoulder diameter outer ring |

### Temperature range

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

### Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed