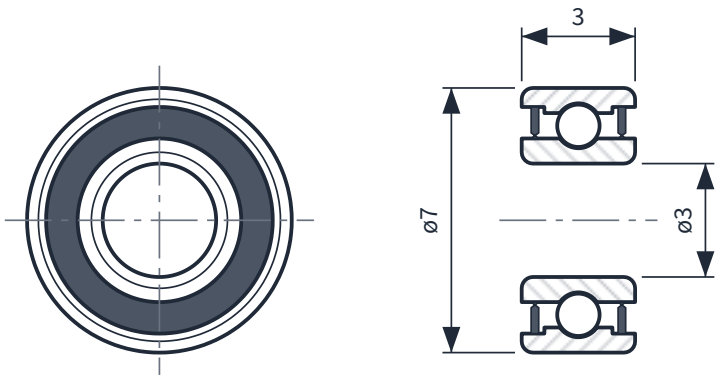


# 683 2rs

Deep Groove Ball Bearing • Dimension Drawing

NLHB

nlhb.net



## Specifications

|                  |                                |
|------------------|--------------------------------|
| Model            | 683 2rs                        |
| Type             | Deep Groove Ball Bearing       |
| Seal             | 2RS • rubber seals, both sides |
| Bore d           | 3 mm                           |
| Outer diameter D | 7 mm                           |
| Width B          | 3 mm                           |
| Dynamic load Cr  | 1.174 kN                       |
| Static load C0r  | 0.4 kN                         |
| Tolerance class  | ABEC-1 (P0)                    |

## Notes

1. All dimensions in mm.
2. Tolerances per GB/T 307.1, class P0 (ABEC-1 equivalent), unless otherwise agreed.
3. Internal design (balls, raceways, seals) is shown schematically.

## DXF and 3D STEP files

Send the model and your application to sales@nlhb.net. We reply with the CAD files.

Company  
Ningbo Shuanghua Bearing Co., Ltd.

Model  
683 2rs

Drawing No.  
NLHB-D-683 2RS

Scale  
5 : 1 (A4, print at 100%)

Unit  
mm

Date  
2026-10-25

Rev.  
A