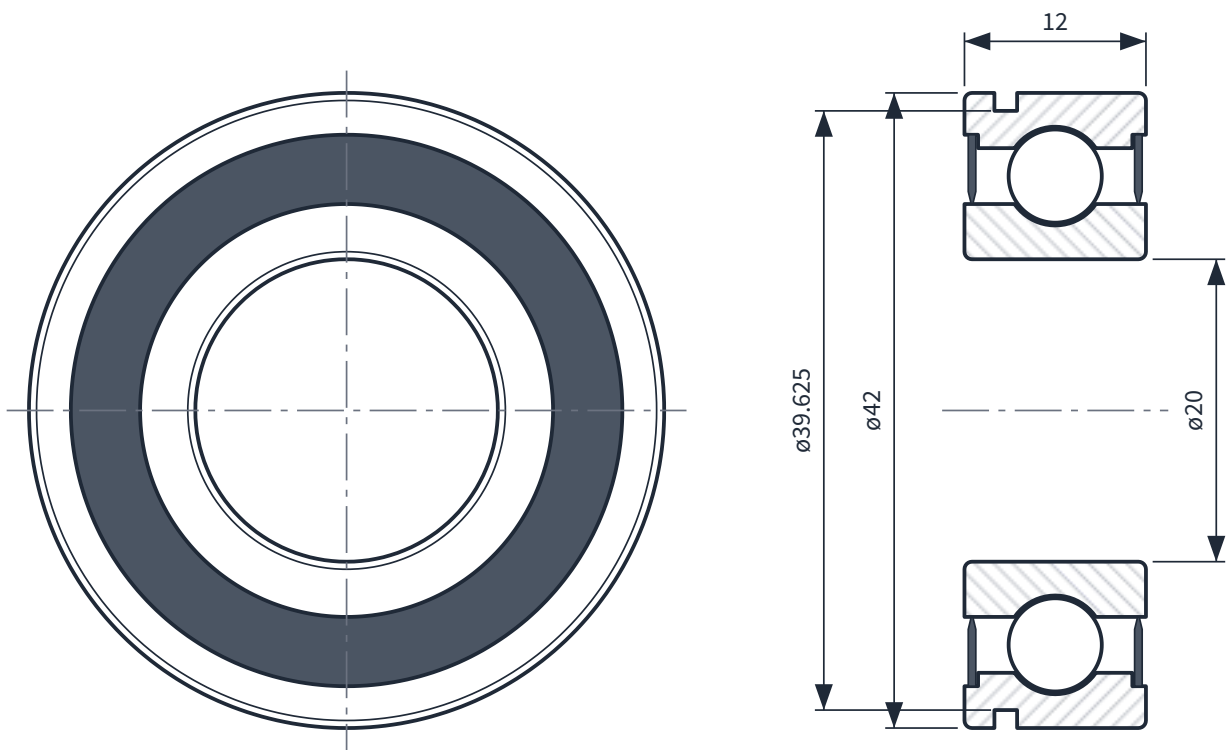


# N6004 2RS

Deep Groove Ball Bearing with Snap Ring Groove • Dimension Drawing

NLHB

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## Specifications

|                       |                                                |
|-----------------------|------------------------------------------------|
| Model                 | N6004 2RS                                      |
| Type                  | Deep Groove Ball Bearing with Snap Ring Groove |
| Seal                  | 2RS • rubber seals, both sides                 |
| Bore d                | 20 mm                                          |
| Outer diameter D      | 42 mm                                          |
| Width B               | 12 mm                                          |
| Snap ring groove Ø D1 | 39.625 mm                                      |
| Groove to side face a | 1.98 mm                                        |
| Groove width b        | 1.5 mm                                         |
| Dynamic load Cr       | 9.4 kN                                         |
| Static load C0r       | 5 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](mailto:sales@nlhb.net). We reply with the CAD files.

Company  
Ningbo Shuanghua Bearing Co., Ltd.

Model  
N6004 2RS

Drawing No.  
NLHB-D-N6004 2RS

Scale  
2 : 1 (A4, print at 100%)

Unit  
mm

Date  
2026-10-26

Rev.  
A