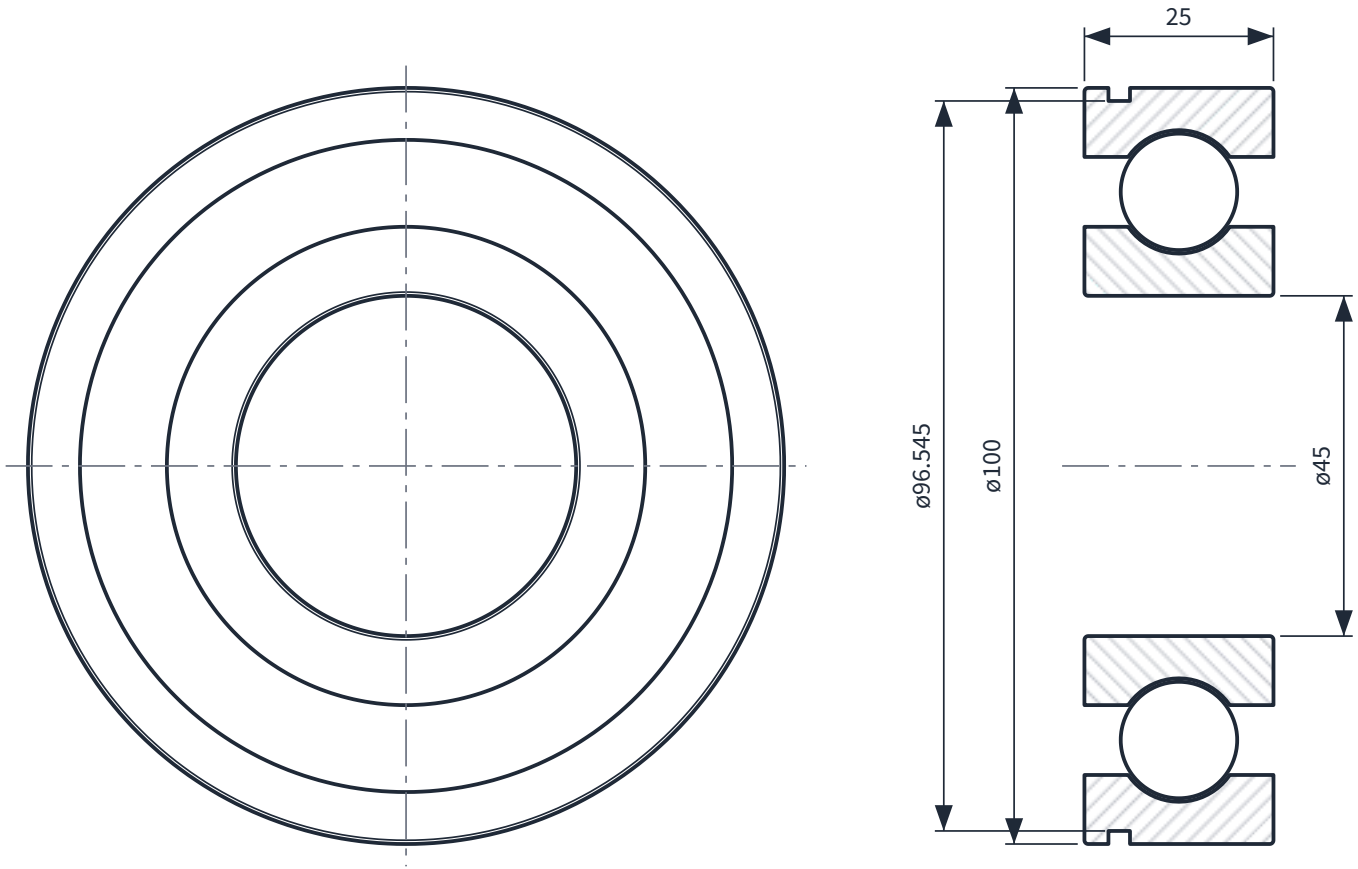
# 6309N

Deep Groove Ball Bearing with Snap Ring Groove • Dimension Drawing

NLHB
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## Specifications

| | |
|---|---|
| Model | 6309N |
| Type | Deep Groove Ball Bearing with Snap Ring Groove |
| Seal | Open |
| Bore d | 45 mm |
| Outer diameter D | 100 mm |
| Width B | 25 mm |
| Snap ring groove Ø D1 | 96.545 mm |
| Groove to side face a | 3.175 mm |
| Groove width b | 2.85 mm |
| Dynamic load Cr | 61.1 kN |
| Static load C0r | 9.95 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 | Model | Drawing No. | Scale | Unit | Date | Rev. |
|---|---|---|---|---|---|---|
| Ningbo Shuanghua Bearing Co., Ltd. | 6309N | NLHB-D-6309N | 1 : 1 (A4, print at 100%) | mm | 2026-10-26 | A |