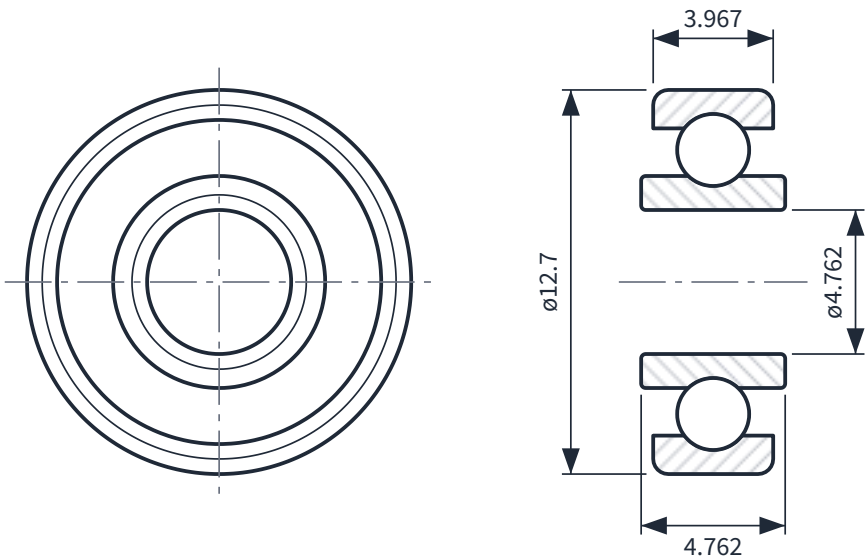


# RW3

Deep Groove Ball Bearing with Extended Inner Ring • Dimension Drawing

NLHB

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### Specifications

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Model               | RW3                                               |
| Type                | Deep Groove Ball Bearing with Extended Inner Ring |
| Seal                | Open                                              |
| Bore d              | 4.762 mm                                          |
| Outer diameter D    | 12.7 mm                                           |
| Outer-ring width B  | 3.967 mm                                          |
| Inner-ring width B1 | 4.762 mm                                          |
| Inner-ring OD E     | 7.01 mm                                           |
| Dynamic load Cr     | 1.109 kN                                          |
| Static load C0r     | 0.392 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<br>Ningbo Shuanghua Bearing Co., Ltd. | Model<br>RW3 | Drawing No.<br>NLHB-D-RW3 | Scale<br>4 : 1 (A4, print at 100%) | Unit<br>mm | Date<br>2026-10-26 | Rev.<br>A |
|-----------------------------------------------|--------------|---------------------------|------------------------------------|------------|--------------------|-----------|