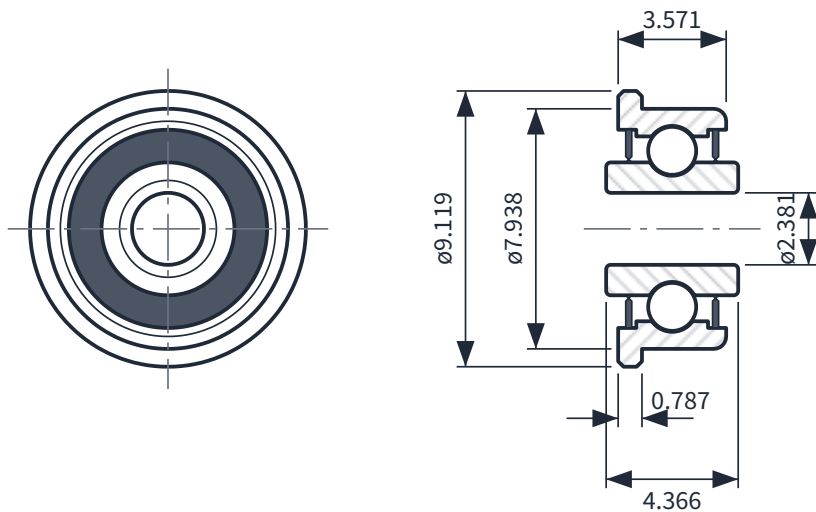


# FRW1-5zz

Flanged Deep Groove Ball Bearing with Extended Inner Ring • Dimension Drawing

NLHB

nlhb.net



## Specifications

|                         |                                                           |
|-------------------------|-----------------------------------------------------------|
| Model                   | FRW1-5zz                                                  |
| Type                    | Flanged Deep Groove Ball Bearing with Extended Inner Ring |
| Seal                    | ZZ • metal shields, both sides                            |
| Bore d                  | 2.381 mm                                                  |
| Outer diameter D        | 7.938 mm                                                  |
| Outer-ring width B      | 3.571 mm                                                  |
| Flange $\varnothing$ Df | 9.119 mm                                                  |
| Flange width Bf         | 0.787 mm                                                  |
| Inner-ring width B1     | 4.366 mm                                                  |
| Inner-ring OD E         | 4.394 mm                                                  |
| Dynamic load Cr         | 0.472 kN                                                  |
| Static load C0r         | 0.142 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  
FRW1-5zz

Drawing No.  
NLHB-D-FRW1-5ZZ

Scale  
4 : 1 (A4, print at 100%)

Unit  
mm

Date  
2026-10-26

Rev.  
A