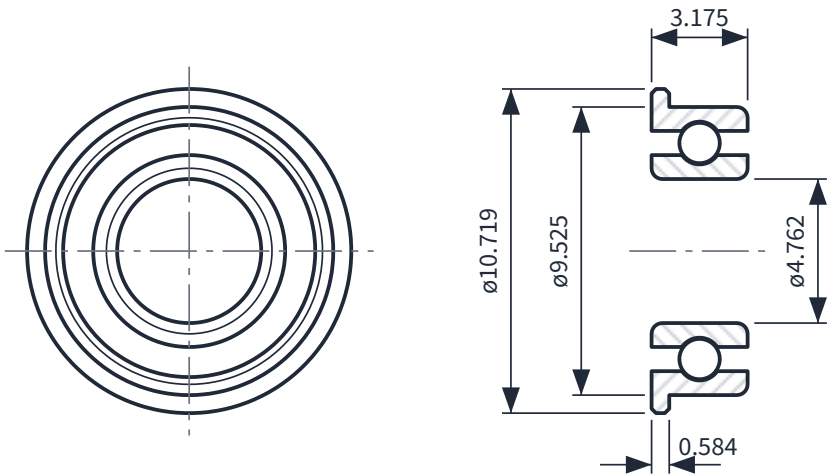


# FR166

Flanged Deep Groove Ball Bearing • Dimension Drawing

NLHB

nlhb.net



## Specifications

|                  |                                  |
|------------------|----------------------------------|
| Model            | FR166                            |
| Type             | Flanged Deep Groove Ball Bearing |
| Seal             | Open                             |
| Bore d           | 4.762 mm                         |
| Outer diameter D | 9.525 mm                         |
| Width B          | 3.175 mm (0.125 in)              |
| Flange Ø Df      | 10.719 mm                        |
| Flange width Bf  | 0.584 mm                         |
| Dynamic load Cr  | 0.543 kN                         |
| Static load C0r  | 0.196 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  
FR166

Drawing No.  
NLHB-D-FR166

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

Unit  
mm

Date  
2026-10-26

Rev.  
A