# F681

Flanged Deep Groove Ball Bearing • Dimension Drawing

NLHB
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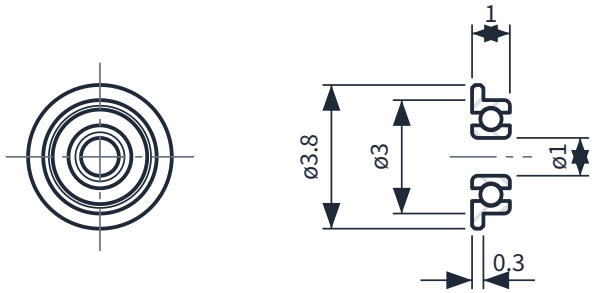


## Specifications

| | |
|---|---|
| Model | F681 |
| Type | Flanged Deep Groove Ball Bearing |
| Seal | Open |
| Bore d | 1 mm |
| Outer diameter D | 3 mm |
| Width B | 1 mm |
| Flange Ø Df | 3.8 mm |
| Flange width Bf | 0.3 mm |
| Dynamic load Cr | 0.08 kN |
| Static load C0r | 0.022 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. | F681 | NLHB-D-F681 | 5 : 1 (A4, print at 100%) | mm | 2026-10-26 | A |