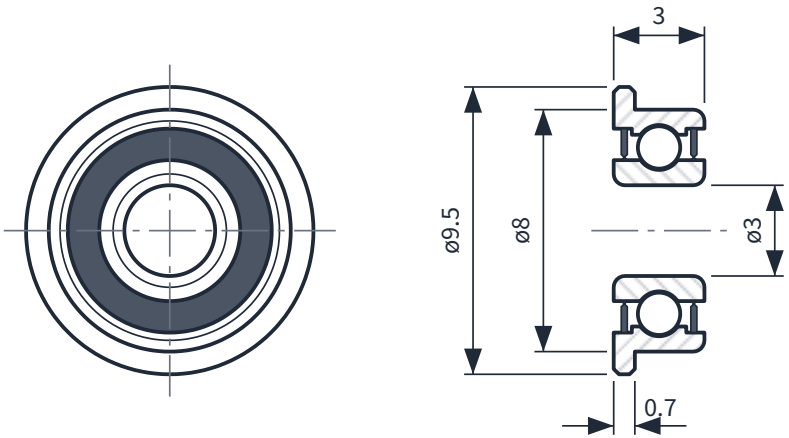
SMF83 2rs

Flanged Deep Groove Ball Bearing • Dimension Drawing

NLHB
nlhb.net



Specifications

Model	SMF83 2rs
Type	Flanged Deep Groove Ball Bearing
Seal	2RS • rubber seals, both sides
Bore d	3 mm
Outer diameter D	8 mm
Width B	3 mm
Flange Ø Df	9.5 mm
Flange width Bf	0.7 mm
Dynamic load Cr	0.302 kN
Static load C0r	0.102 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.	SMF83 2rs	NLHB-D-SMF83 2RS	4 : 1 (A4, print at 100%)	mm	2026-10-26	A