FRW166

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

NLHB
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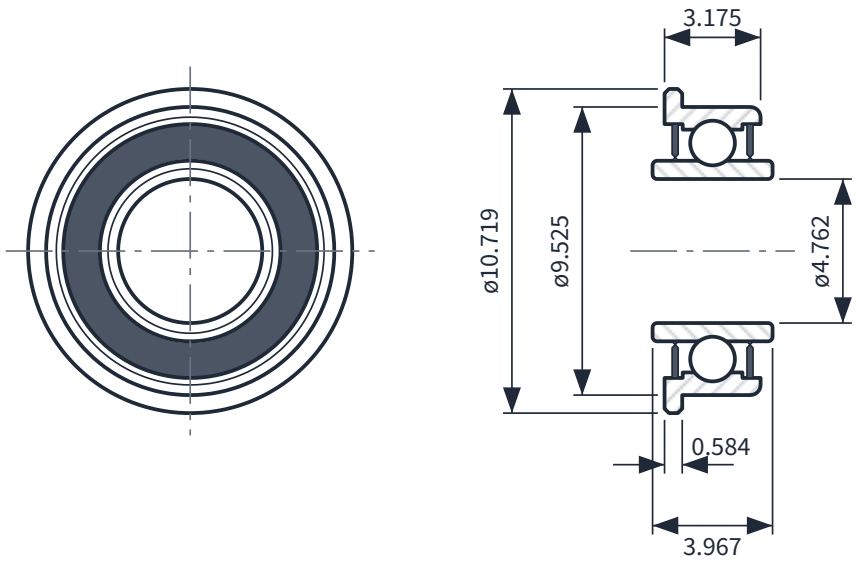

Specifications

Model	FRW166
Type	Flanged Deep Groove Ball Bearing with Extended Inner Ring
Seal	ZZ • metal shields, both sides
Bore d	4.762 mm
Outer diameter D	9.525 mm
Outer-ring width B	3.175 mm (0.125 in)
Flange Ø Df	10.719 mm
Flange width Bf	0.584 mm
Inner-ring width B1	3.967 mm
Inner-ring OD E	5.969 mm
Dynamic load Cr	0.605 kN
Static load C0r	0.218 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.	FRW166	NLHB-D-FRW166	4 : 1 (A4, print at 100%)	mm	2026-10-26	A