6005N

Deep Groove Ball Bearing with Snap Ring Groove • Dimension Drawing

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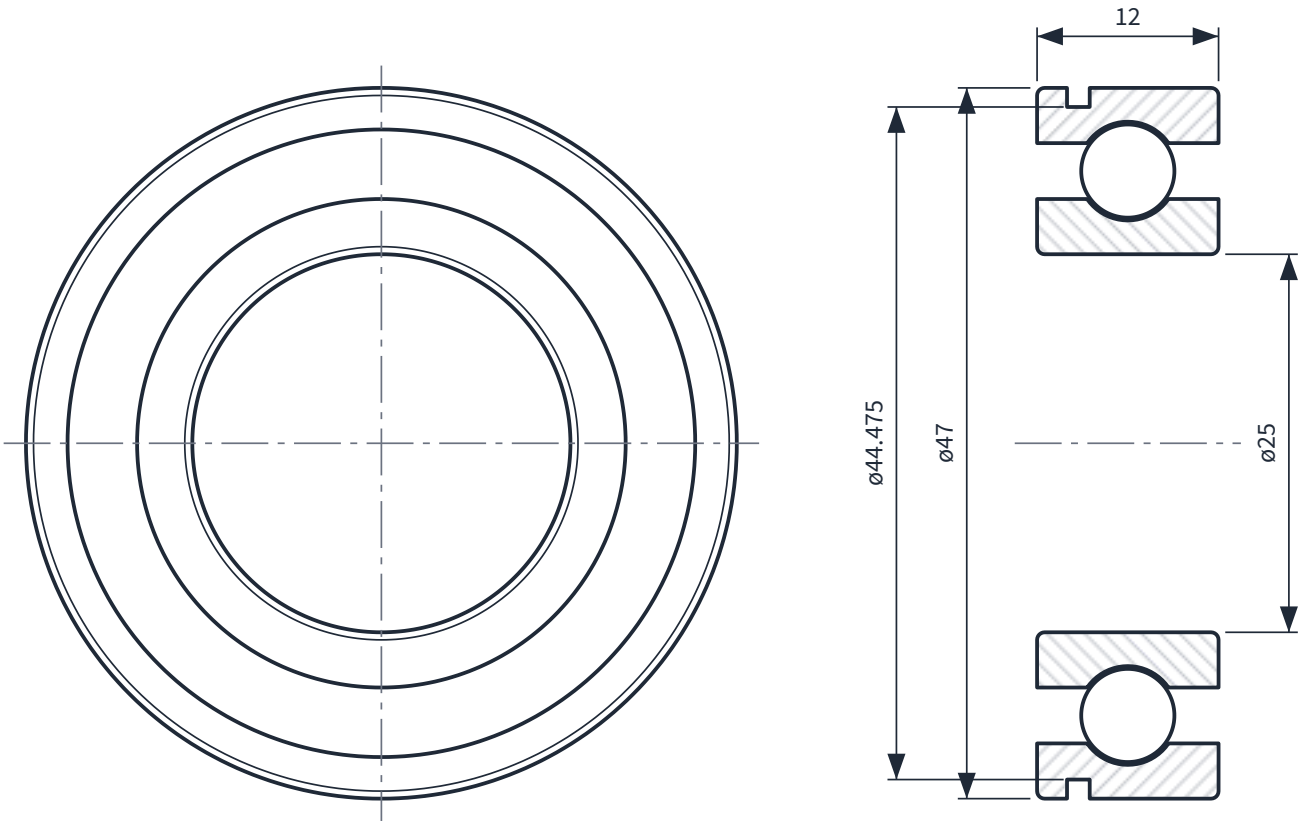

Specifications

Model	6005N
Type	Deep Groove Ball Bearing with Snap Ring Groove
Seal	Open
Bore d	25 mm
Outer diameter D	47 mm
Width B	12 mm
Snap ring groove Ø D1	44.475 mm
Groove to side face a	1.98 mm
Groove width b	1.5 mm
Dynamic load Cr	2.6 kN
Static load C0r	5.85 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.	6005N	NLHB-D-6005N	2 : 1 (A4, print at 100%)	mm	2026-10-26	A