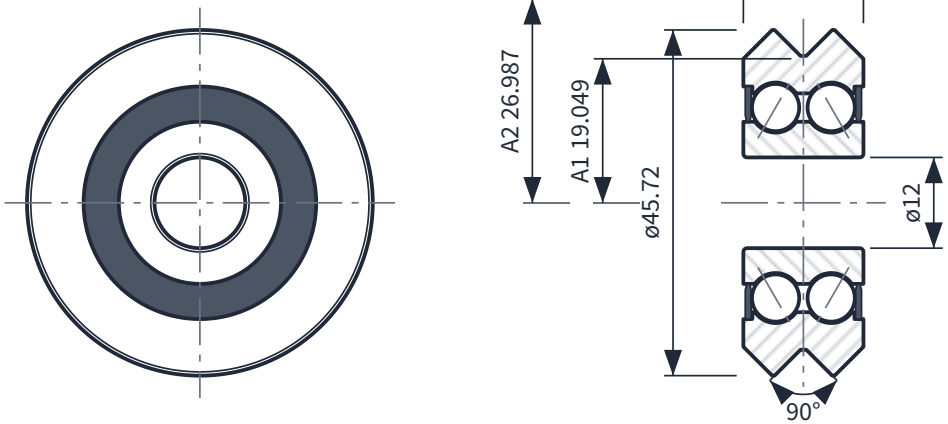
VW W3

V-Groove Track Roller Bearing • Dimension Drawing

NLHB
nlhb.net



Specifications

Model	VW W3
Type	V-Groove Track Roller Bearing
Seal	2RS (rubber seals) or ZZ (metal shields), both sides
Bore d	12 mm
Outer diameter D	45.72 mm
Outer-ring width B	15.88 mm
Groove angle	90°
A1 inner V apex	19.049 mm
A2 outer V apex	26.987 mm
Dynamic load Cr	9.4 kN
Static load C0r	4.9 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.
4. Groove and inner-ring extension are shown schematically; exact groove dimensions on request.

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.	VW W3	NLHB-D-VW W3	1 : 1 (A4, print at 100%)	mm	2026-10-23	A