

Angular Contact Ball Bearing — ISO / DIN (Series 109) — ISO / DIN

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Angular Contact Ball Bearing — ISO / DIN (Series 109) to ISO / DIN. Full dimensional table, materials, finishes and quotation. 10 sizes listed.



Technical Drawing

Customize the parameters below — every spec field is editable, and the drawing redraws to match the values you choose. Changing the size will snap the other fields to that size's standard values; you can then override any individual value.

Sends the selected values to the quote form below.

Request a Quotation for Angular Contact Ball Bearing — ISO / DIN (Series 109)

Tell us the size, material, finish and quantity you need for Angular Contact Ball Bearing — ISO / DIN (Series 109) (ISO / DIN) and our team will respond within one business day. Click "Request this configuration" on the drawing above to send the parameters you just chose straight into this form.

Category Type Standard Thread size Material Finish

Dimensions & Specifications (ISO / DIN)

Every row below is a starting point for the customizer above — pick any size and the drawing will redraw to that row.

Bore d (mm)	Outer diameter D (mm)	Width B (mm)	Contact angle (deg)	Dynamic load C (kN)	Reference standard
10	30	9	15	5.85	ISO 76 / GB/T 292
15	35	11	15	8.06	ISO 76 / GB/T 292
20	47	14	15	12.5	ISO 76 / GB/T 292
25	52	15	15	14.8	ISO 76 / GB/T 292
30	62	16	15	20.3	ISO 76 / GB/T 292
40	80	18	15	32.5	ISO 76 / GB/T 292
50	90	20	15	37.5	ISO 76 / GB/T 292
60	110	22	25	55.0	ISO 76 / GB/T 292
70	125	24	25	70.2	ISO 76 / GB/T 292
80	140	26	25	82.4	ISO 76 / GB/T 292

Manufactured to ISO / DIN, Angular Contact Ball Bearing — ISO / DIN (Series 109) are bearings & bushings supplied by engineeringhardware.com. The dimensional data, materials and selection notes are summarized here.

What Are Angular Contact Ball Bearing — ISO / DIN (Series 109)?

Angular Contact Ball Bearing — ISO / DIN (Series 109) are bearings & bushings defined by ISO / DIN. They are selected by thread size and the dimensional characteristics shown below, and are available in a range of materials and finishes to suit the application and environment.

CAD Source Reference

This page is generated from an original native CAD part model (SolidWorks .SLDPRT) of the angular contact ball bearing — iso / din (series 109) family maintained by our engineering team, covering 2 recorded size configurations. The technical drawing shown above is rebuilt parametrically from the dimensional table, so it always reflects the exact size and configuration you select. Native CAD files (STEP / SLDPRPT) can be supplied with your quotation on request.

Materials & Finishes

Common materials include carbon steel (typically zinc plated or hot-dip galvanized), alloy steel in property classes 8.8, 10.9 and 12.9, and stainless steel A2 (304) or A4 (316) for corrosion resistance. Specify the material, property class and surface finish appropriate to your load and environment.

Typical Applications

Supporting rotating shafts and reducing friction in machinery, drives and equipment. [Read the full application guide for Angular Contact Ball Bearing — ISO / DIN \(Series 109\) →](#)

Related Fasteners

- [Angular Contact Ball Bearing — ISO / DIN \(Series 138\) — ISO / DIN](#)
- [Angular Contact Ball Bearing — ISO / DIN \(Series 136\) — ISO / DIN](#)
- [Deep Groove Ball Bearing — ISO / DIN \(Series 132\) — ISO / DIN](#)
- [Angular Contact Ball Bearing — ISO / DIN \(Series 111\) — ISO / DIN](#)
- [Angular Contact Ball Bearing — ISO / DIN \(Series 137\) — ISO / DIN](#)

Pricing

Angular Contact Ball Bearing — ISO / DIN (Series 109) are stocked and supplied to order. Pricing starts from approximately US\$1.50 per piece for standard sizes in carbon steel; final pricing depends on size, material, finish and order quantity (MOQ applies). Submit your exact configuration with the quote form above.

Frequently Asked Questions

What is the controlling standard for Angular Contact Ball Bearing — ISO / DIN (Series 109), and what drive do they take?

Angular Contact Ball Bearing — ISO / DIN (Series 109) are manufactured to ISO / DIN and use the standard drive for this product family. The dimensional values on this page follow that standard.

Which sizes of Angular Contact Ball Bearing — ISO / DIN (Series 109) does engineeringhardware.com supply?

The table on this page lists 10 sizes for Angular Contact Ball Bearing — ISO / DIN (Series 109), ranging from 10 to 80. Sizes outside the table can be quoted on request.

In which materials are Angular Contact Ball Bearing — ISO / DIN (Series 109) supplied?

Angular Contact Ball Bearing — ISO / DIN (Series 109) are supplied in carbon steel and stainless, with finishes including zinc plating, hot-dip galvanizing and black oxide. Choose material and finish to suit the load and the service environment for Angular Contact Ball Bearing — ISO / DIN (Series 109).

How do I request a quotation?

Use the parametric drawing on this page to set the exact configuration (size, material, finish) and click "Request this configuration" — a specialist from engineeringhardware.com will respond within one business day.

More Bearings & Bushings

[← Previous](#)[Deep Groove Ball Bearing — ISO / DIN \(Series 125\)](#)[ISO / DIN](#)[Next →](#)[Thrust Bearing — ISO / DIN \(Series 126\)](#)[ISO / DIN](#)