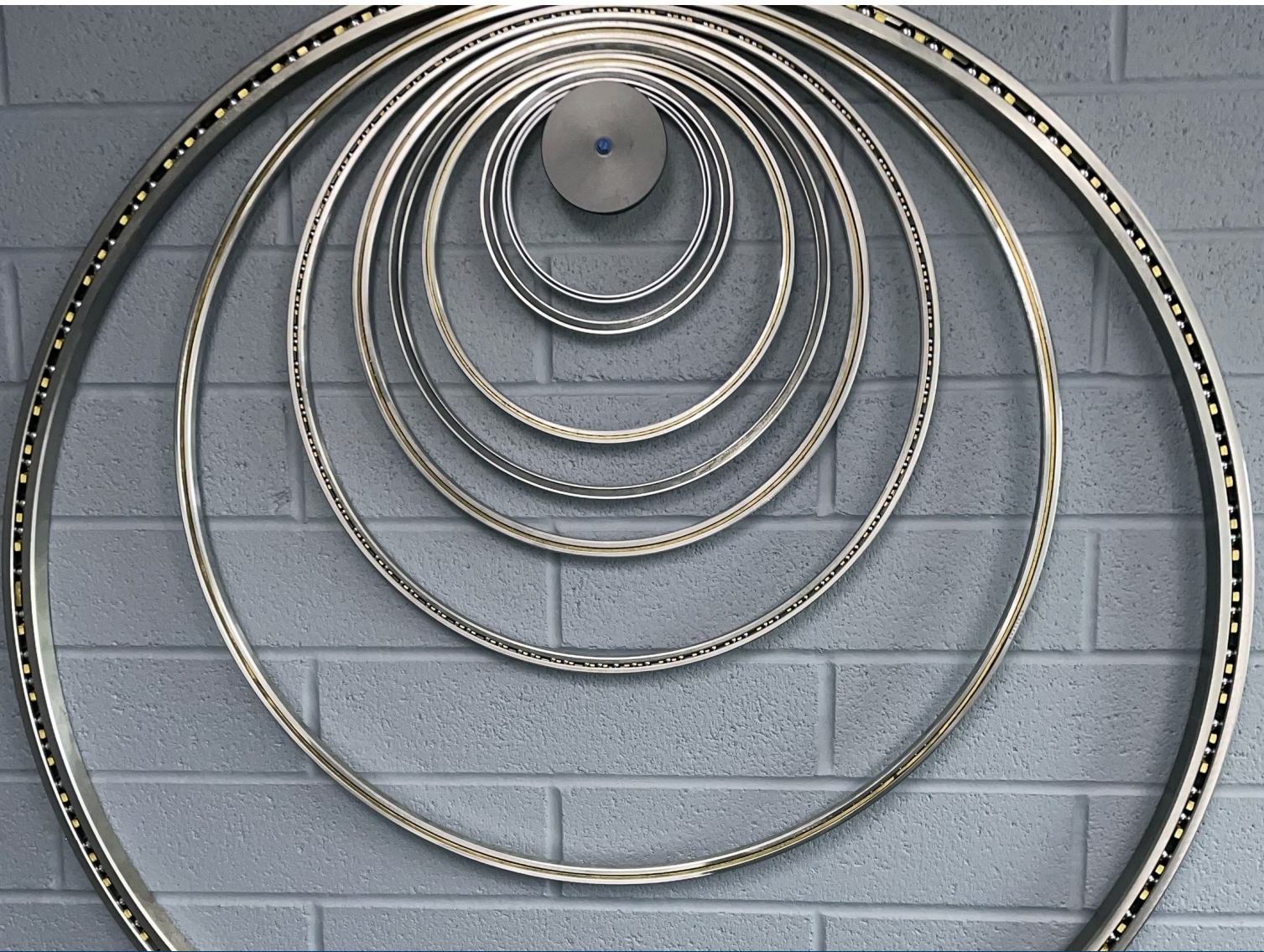


PRECISION ROTARY MOTION

Thin section bearings.

Kaydon® Reali-Slim® interchange, inch and metric.
Selected, crossed and supported by our engineers in Hudson, Ohio.



1,662
standard sizes

6
product lines

3
bearing types

1-2 days
quote turnaround

Why engineers choose SlimPro

Drop-in interchange

Same part number structure as Kaydon® Reali-Slim® with an SP-prefix, plus Silverthin™ equivalents where they exist.

One bearing, combined loads

Four-point contact bearings carry radial, thrust and moment loads, often replacing a pair.

Thin, light and stiff

Constant cross sections from 3/16" to 1" (8 to 20 mm metric) keep the bearing small as the bore grows.

Engineered in the USA

Selection, fits, tolerances and drawings from our Hudson, Ohio engineering team.

Six product lines

Line	Code	Description	Range
Open — chrome steel	K	AISI 52100 rings and balls. The standard choice for clean, lubricated assemblies.	406 sizes 1" – 40" bore
Open — Armoloy® plated	N	Thin dense chrome plating for corrosion and wear resistance at open-series dimensions.	405 sizes 1" – 40" bore
Double sealed	J	Nitrile seals both sides, pre-lubricated, for contaminated or maintenance-free applications.	122 sizes 1" – 40" bore
Sealed — Armoloy® plated	L	Sealed and plated, for applications that are dirty and wet. Equivalent to Kaydon® "L". Made to order.	122 sizes 1" – 40" bore
Stainless steel	S	AISI 440C stainless for washdown, food, medical and corrosive environments.	381 sizes 1" – 25" bore
Metric series	K / J	True metric bearings in 8, 13 and 20 mm sections.	226 sizes 25 – 360 mm bore

INTERCHANGE IN ONE STEP

Kaydon® KA020XP0
→ **SP-KA020XP0**

Kaydon® JA020CP0
→ **SP-JA020CP0**

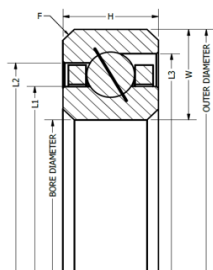
Kaydon® K05008AR0
→ **SP-K05008AR0**



Same envelope. Same fit.

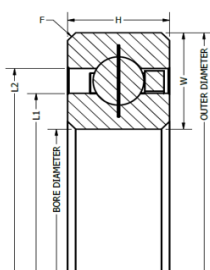
Bore, OD, width and land diameters match the Kaydon® Reali-Slim® size you specify today, so a SlimPro bearing drops into the existing housing and shaft without drawing changes.

Three bearing types



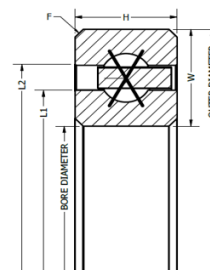
Angular contact (A)

Radial load plus thrust in one direction.
Mount as an opposed pair for thrust both ways and moment stiffness.



Radial contact (C)

Designed primarily for radial loads, with light thrust capacity in either direction.



Four-point contact (X)

Radial, thrust in both directions and moment loads in a single bearing.

Cross sections

Series	Radial section	Bore range	Lines
AA / HA	3/16"	1" - 2"	Open, plated, sealed, stainless
A	1/4"	2" - 12"	Open, plated, sealed, stainless
B	5/16"	2" - 20"	Open, plated, sealed, stainless
C	3/8"	4" - 30"	Open, plated
D	1/2"	4" - 30"	Open, plated
U	3/8" (sealed)	4" - 12"	Sealed
F	3/4"	4" - 40"	Open, plated
G	1"	4" - 40"	Open, plated, sealed
8 / 13 / 20 mm	8, 13, 20 mm	25 - 360 mm	Metric (open and sealed)

Where SlimPro bearings work

- Robot joints and end effectors
- Medical and imaging equipment
- Optics, antennas and positioners
- Inspection and test equipment
- Rotary and indexing tables
- Semiconductor and electronics handling
- Packaging and labeling machines
- Food and washdown machinery (stainless)

From selection to production

Application engineering

Selection, sizing, life and load calculations, and help crossing the part you use today.

3D models and drawings

STEP models and 2D drawings on request for catalog parts.

Quotes in 1-2 business days

Send a part number, a competitor part or your application details.

Programs for OEMs

Blanket orders, scheduled releases and stocking plans that keep your line running.

Start with a part number

Find your bearing at www.slewpro.com/products/thin-section-bearings, or use the full SlimPro catalog for every size, capacity, tolerance and fit. Using Kaydon® or Silverthin™? Send the part number — we cross it and confirm the fit. Ask for STEP models and drawings with your quote.

Talk to our engineering team

330-633-7735 / info@slewpro.com

www.slewpro.com/request-a-quote

1239 Hudson Gate Drive, Hudson, Ohio 44236



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