

Bearings Limited has partnered with Silverthin Bearings to provide a full range of Thin Section and Slewing Ring Bearings to meet your specialty bearing needs.

Thin Section Bearings

Thin section bearings help reduce total cost in a system by allowing for design efficiency over standard bearing sizes. Used in applications in which the space and weight requirements of a system are major factors in the overall design and manufacturing cost.



ARO - Angular Contact Bearings
CPO - Radial Contact Bearings
XPO - 4-Point Contact Bearings

Thin Section Bearing Interchanges:

Silverthin Series	Kaydon/RBC Equivalent	Bore Range
SAA 3/16 x 3/16	KAA	1" to 1.75"
SA 1/4 x 1/4	KA	2" to 12"
SB 5/16 x 5/16	KB	2" to 20"
SC 3/8 x 3/8	KC	4" to 30"
SD 1/2 x 1/2	KD	4" to 30"
SF 3/4 x 3/4	KF	4" to 35"
SG 1 x 1	KG	4" to 35"
JSA 1/4 x 1/4	JA	2" to 6.5"
JSB 5/16 x 5/16	JB	2" to 6.5"
JSU 3/8 x 1/2	JU	4" to 12"

Applications - where space and/or weight are at a premium, and precision rotation is required:

- Medical Equipment
- X-Ray - MRI
- Sensors
- Turntables
- Gun Turrets
- Missile Launchers
- Packaging
- Labeling
- Tire Production
- Pipe Cutting
- Food, Beverage, Bottling and Canning Equipment
- Semi-Conductor Manufacturing
- Radar & Satellite Equipment
- Telescopes & Optical Equipment
- Robotics & Automated Systems
- Wallpaper & Screen Printing
- Welding & Inspection Equipment
- Wire Handling & Wiring
- Textile Machinery
- Oil Well Equipment

Slewing Ring Turntable Bearings

SK6 - Flanged Series

- Four-point Contact Ball
 - Flanged cross-section on non-gear rings
 - Internal, external and non-gear
 - Clearance and preload
- APPLICATIONS:*
Small cranes
Industrial positioners
Rotary tables
Rotating displays
Bottling machines
Conveyors

ST - Rectangular Series

- Four-point Contact Ball
 - Rectangular cross-section
 - External and non-gear
 - Clearance and preload
- APPLICATIONS:*
Cranes & Manipulators
Aerial lifts
Wind turbines
Position/Index tables
Satellite antennas
Robots
Medical equipment

Equivalent to Kaydon MT Series



Equivalent to Kaydon RK6 Series and Rotek L6 Series

*Slewing Ring Turntable Bearings are imported from Asia