



**Bearings
Limited**

Est. 1947

SILVERTHIN™

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
- Telescopes & Optical Equipment
- Semi-conductor manufacturing
- Radar & Satellite Equipment
- Telescopes & Optical Equipment
- Robotics & Automated Systems
- Wallpaper & Screen Printing
- Welding & Inspection Equipment
- Wire Handling and 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

Note: Slewing Ring Bearings are made in China

| Northeast | Southeast | Midwest | Southwest | West Coast |
|------------------|------------------|------------------|------------------|------------------|
| Hauppauge, NY | Atlanta, GA | Chicago, IL | Columbus, OH | Houston, TX |
| 1 (800) 645-5088 | 1 (800) 247-9920 | 1 (800) 325-9696 | 1 (888) 700-9144 | 1 (800) 233-5667 |
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