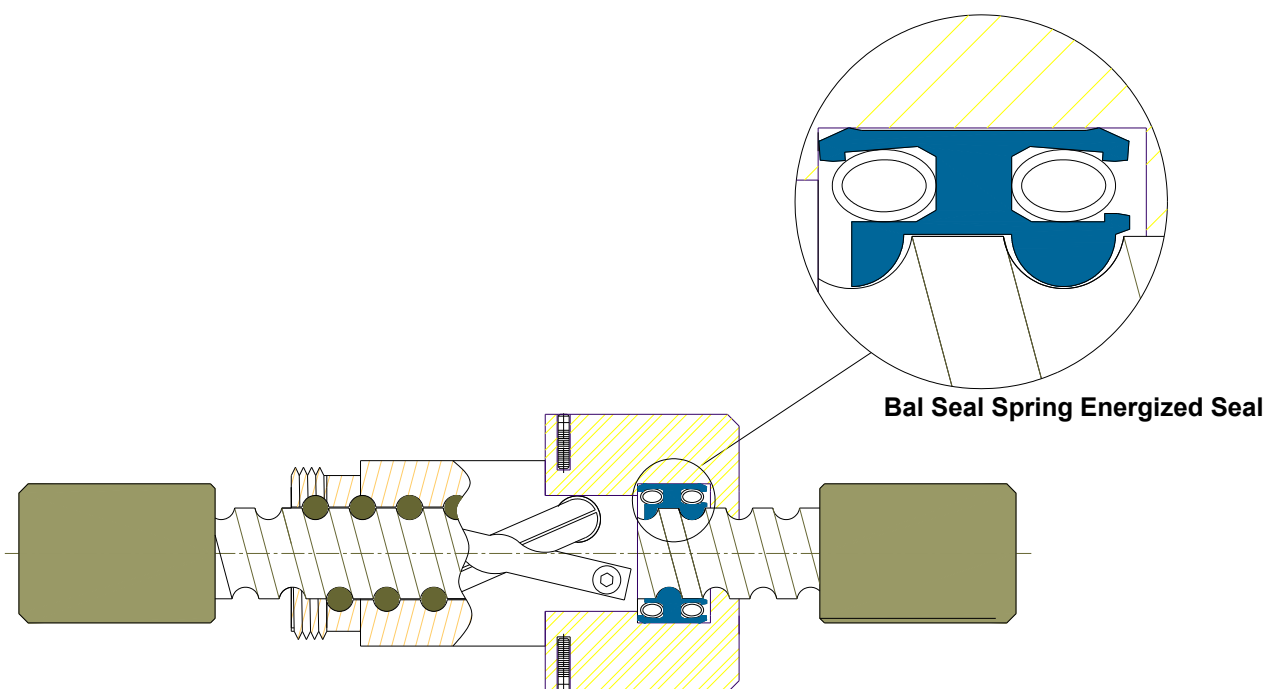


BAL SEAL® SEALS IN BALLSCREWS

When activated, a ballscrew mechanism requires freedom of movement. Protecting the internal ball bearings from moisture and the environment is critical.

The Bal Seal Ballscrew™, designed to maintain lubricants within the housing and to keep water and moisture out, increases sealing reliability. The spring-energized ballscrew acts as a seal along the threads to reduce debris build up, such as moisture, dirt and lubricants. Variable spring forces are available to meet any sealing requirements.



Operating Parameters

Temperature: -70°F to 350°F (-57°C to 177°C)
Media: Compatible with various fluid environments and moisture
Additional: Low friction and low torque

Features:

- The Bal Seal ballscrew creates low-torque friction.
- Excellent sealing through a wide temperature range.
- The Bal Seal seal contacts and rides within the screw threads, sealing and wiping environmental contaminants.
- Patented, canted-coil spring energizer provides near-constant force for long seal life.
- Filled PTFE seal materials provide smooth action and low stick slip.

For more information and technical assistance, consult the Technical Sales Department.

PATENTS: The items described in this page include products that are the subject of issued United States and foreign patents or products where patents are pending, including the following: Patents 6,641,141 B2; 7,210,398 B2; 6,161,838; 5,992,856; 5,134,244

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